GREEN®
Water Solution

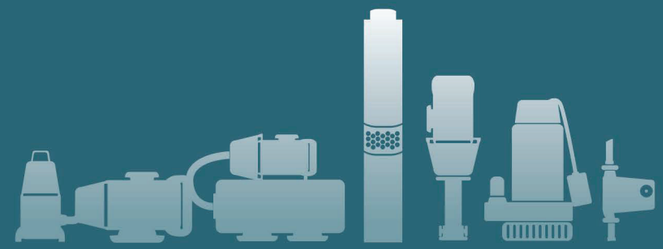
WWW.PARSWS.COM

GREEN
Tel:
021-59231
Fax:
021-88806085

E-mail:
info@parsws.com

Add:
No. 440, Motahari St.
Tehran, Iran

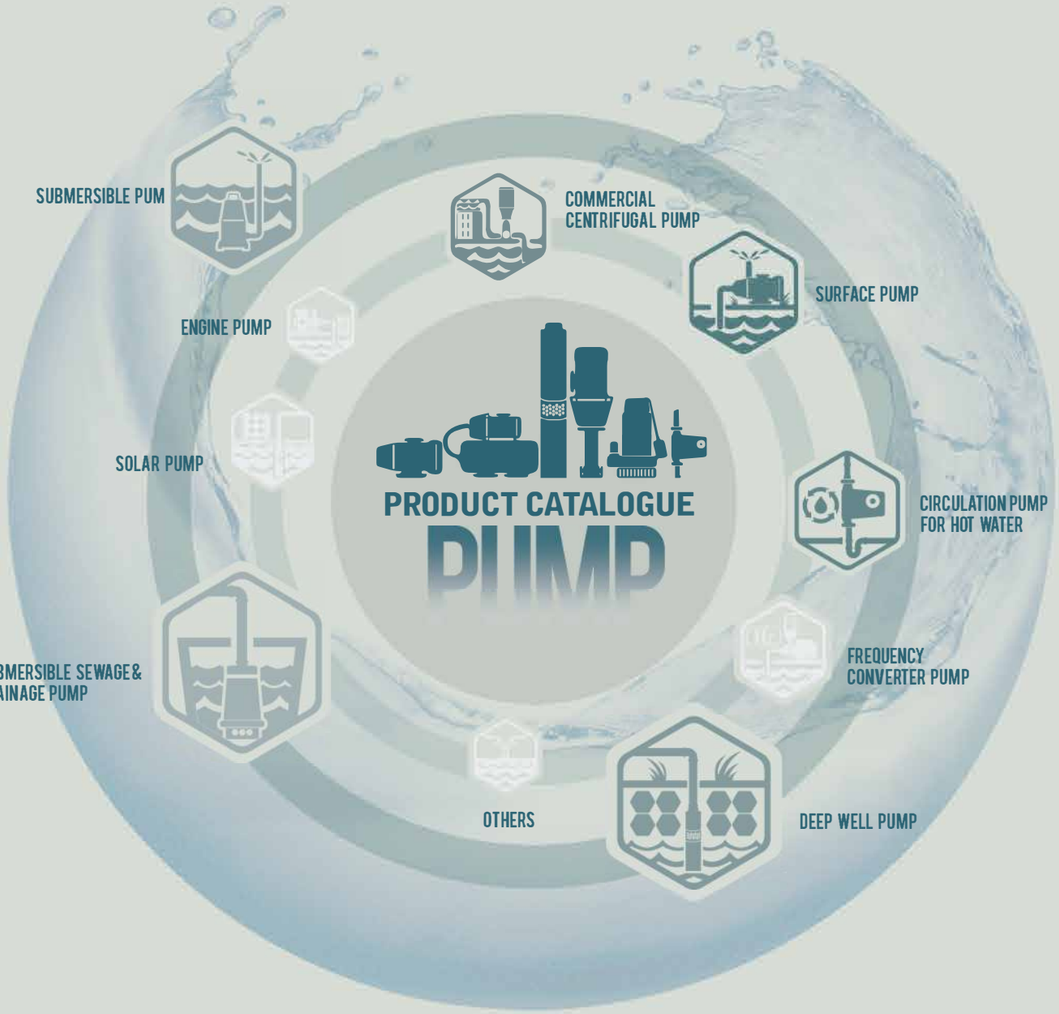
WWW.PARSWS.COM



PRODUCT CATALOGUE
WATER PUMP

GREEN®
Water Solution

PUMP

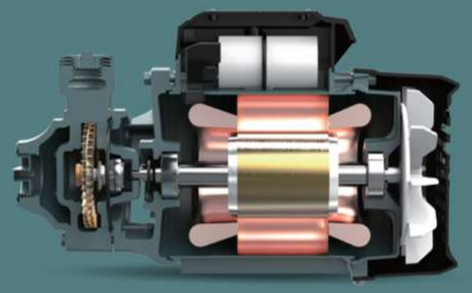


GREEN electric offers a full line of

Water pumping systems to serve a wide variety of water applications

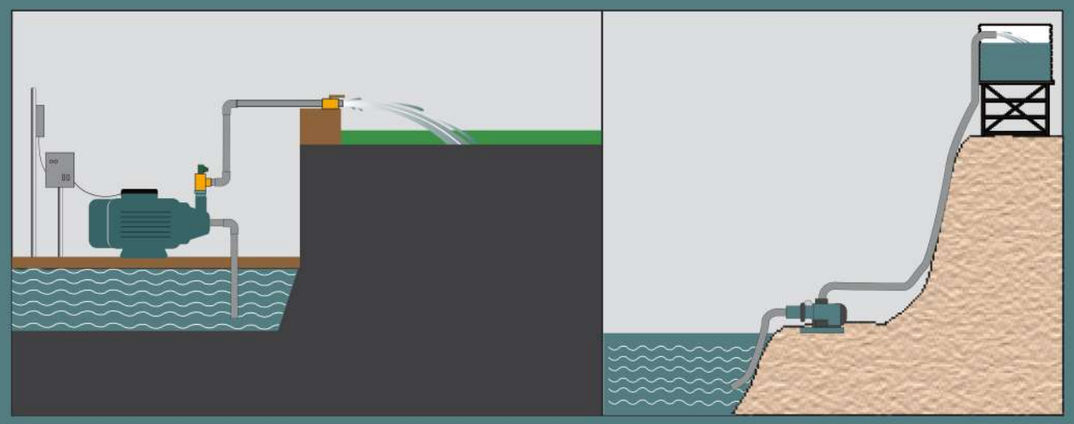
SURFACE PUMP

The surface pump classification includes various peripheral pumps, automatic self-priming pumps, centrifugal pumps, jet pumps, and pump stations. The surface pump is made of cast iron or stainless steel. The novel design and treatment process make the products a delicate appearance. Due to it's reliable structure, the delivery is completly under vacuum, effectively preventing fat oxidation, reducing bacterial survival, and effectively ensuring the cleanliness of the water source.



Application

Surface pumps are recommended for pumping water from surface sources such as springs, ponds, water tanks or shallow wells. It is widely used to water supply, drainage, water circulation and water exchange in schools, hotels and so on. This series of pumps should be installed in enclosed environment, or at least sheltered from inclement weather.



QB PERIPHERAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use and are economical, these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **83 L/min (5 m³/h)**

Head up to **78 m**

Liquid Type: Clean water
Applications: Water supply systems, pressure systems, irrigation pumps
Typology: Surface
Family: Peripheral

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to + 40°C
Ambient temperature up to + 40 °C

Construction

Pump Body: Cast iron.
Impeller: Brass, with radial peripheral vanes.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Single- phase 230V- 50Hz with. condenser and thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

***: Version K1**

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2	2.4	3	3.6	4.2	4.8
Single-phase	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	5	10	15	20	25	30	33	40	50	60	70	80
QB50	0.125	0.17	20	22	1.3	1"x1"	8	3.3	H(m)	20	15.7	10.7	6.7	1.8	-	-	-	-	-	-	-	-
QB60	0.37	0.5	36	33	2	1"x1"	8	5.2		36	30.7	24.8	19.3	14.8	8.5	2.5	-	-	-	-	-	-
QB70	0.55	0.75	48	50	3	1"x1"	8	8.5		48	46	40.7	34.9	29.6	24.4	19.7	15.2	11	7.3	-	-	-
QB80	0.75	1	60	58	3.5	1"x1"	8	10		60	55.7	50.2	44.1	37	28.7	26.7	23.8	19.3	9.7	-	-	-
QB90	1.1	1.5	70	80	4.8	1"x1"	8	15.1		70	64.3	61.3	58.9	56.1	53	48.5	45.3	43.1	32.3	26.2	17	10
QB100	1.5	2	78	83	5	1"x1"	8	16.6		78	76	73.5	71.1	66.9	62.4	57.8	53.3	49.2	40.7	31.7	22.9	16.1

QB-G PERIPHERAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use and are economical, these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **28 L/min (1.7 m³/h)**

Head up to **32m**

Liquid Type: Clean water
Applications: Water supply systems, pressure systems, irrigation pumps
Typology: Surface
Family: Peripheral

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to + 40°C
Ambient temperature up to + 40 °C

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Single- phase 230V- 50Hz with. condenser and thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

***: Version K1**

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.7
Single-phase	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	5	10	15	20	25	28
QB60G	0.37	0.5	32	28	1.7	1"x1"	8	4	H(m)	32	27.2	21.8	16	10.5	5.2	2.3

WZB AUTOMATIC SELF-PRIMING PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability, compact, economy and the fact that they are easy to use, they are particularly suitable for domestic and industrial applications such as water supply for recirculation in air conditioners and refrigerators, industrial water uses in general, and the automatic distribution of water from surge tank, garden watering, water suction from tanks or wells down to 9 meter depth. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to **65 L/min (3.9 m³/h)**

Head up to **50 m**

Liquid Type: Clean water
Typology:Surface
Family:Self-suction pump

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40 C
Ambient temperature up to +40 C

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.4	0.8	1.2	1.6	2	2.4	2.8	3.2	3.6	4
Single-phase	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	7	13	20	27	33	40	47	53	60	67
1WZB-35	0.37	0.5	35	45	2.7	1"x1"	8	6.6	H(m)	35	30	26	21	17	12	8	3	-	-	-
1WZB-45	0.55	0.75	46.5	55	3.3	1"x1"	8	9.5		46.5	40	35	30	24	19	14	9	3	-	-
1WZB-65	0.75	1	50	65	3.9	1"x1"	8	11.5		50	45	40	36	32	27	22	18	13	8	3

PW AUTOMATIC SELF-PRIMING PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability, compact, economy and the fact that they are easy to use, they are widely used domestic water, automatic boosting, water tower supply, well water lifting, solar hot water boosting. The pump also have a simple pressure switch control automatically. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to **83 L/min (5 m³/h)**

Head up to **55 m**

Liquid Type: Clean water
Typology:Surface
Family:Self-suction pump

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +90 C
Ambient temperature up to +40 C
Max pressure up to 5 bar

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Motor:Single phase.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3	4	5
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	5	10	15	20	25	30	35	40	50	67	83
PW125	0.125	0.17	24	32	1.9	1"x1"	8	7.8	H(m)	24	22	16.6	12.3	10	6.1	3.5	-	-	-	-	-
PW250	0.25	0.33	32.7	33	2	1"x1"	8	8.5		32.7	27.7	23.9	17.4	12.4	7.5	3.1	-	-	-	-	-
PW370	0.37	0.5	36	37	2.2	1"x1"	8	8.8		36	29.9	23.2	17.7	12.3	8.2	3.7	1.5	-	-	-	-
PW550	0.55	0.75	42	53	3.2	1"x1"	8	11.4		42	36	32.4	29.7	26	22.4	19.4	16.4	13	5.4	-	-
PW750	0.75	1	50	57	3.4	1"x1"	8	13.1		50	46	42	37.5	32.3	28.2	23.4	19.3	14.7	5.6	-	-
PW1100	1.1	1.5	55	83	5	1.5"x1.5"	8	21.7		55	51.8	48.4	44.9	41.7	38.6	35.5	32.5	29.5	23.6	14	5.3

PW-S AUTOMATIC SELF-PRIMING PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability, compact, economy and the fact that they are easy to use, they are widely used domestic water, automatic boosting, water tower supply, well water lifting, solar hot water boosting. Pump can supply stabilized water flow by automatically running. Through the water flow and water pressure data collected by flow switch and pressure switch, electronic unit control the pump running/stop, solve the frequently starting problems under low water flow. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 57 L/min (3.4 m³/h)

Head up to 50 m

Liquid Type: Clean water
Typology:Surface
Family:Self-suction pump

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +90℃
Ambient temperature up to +40℃
Max pressure up to 5 bar

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel haft.
Motor:Single phase.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3	4	5
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	5	10	15	20	25	30	35	40	50	67	83
PW125S	0.125	0.17	24	32	1.9	1"×1"	8	7.8	H(m)	24	22	16.6	12.3	10	6.1	3.5	-	-	-	-	-
PW250S	0.25	0.33	32.7	33	2	1"×1"	8	8.5		32.7	27.7	23.9	17.4	12.4	7.5	3.1	-	-	-	-	-
PW370S	0.37	0.5	36	37	2.2	1"×1"	8	8.8		36	29.9	23.2	17.7	12.3	8.2	3.7	1.5	-	-	-	-
PW550S	0.55	0.75	42	53	3.2	1"×1"	8	11.4		42	36	32.4	29.7	26	22.4	19.4	16.4	13	5.4	-	-
PW750S	0.75	1	50	57	3.4	1"×1"	8	13.1		50	46	42	37.5	32.3	28.2	23.4	19.3	14.7	5.6	-	-
PW1100S	1.1	1.5	55	83	5	1.5"×1.5"	8	21.7		55	51.8	48.4	44.9	41.7	38.6	35.5	32.5	29.5	23.6	14	5.3

PW-E AUTOMATIC SELF-PRIMING PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability, compact, economy and the fact that they are easy to use, they are widely used domestic water, automatic boosting, water tower supply, well water lifting, solar hot water boosting. Pump can supply stabilized water flow by automatically running. Through the water flow and water pressure data collected by flow switch and pressure switch, electronic unit control the pump running/stop, solve the frequently starting problems under low water flow. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 57 L/min (3.4 m³/h)

Head up to 50 m

Liquid Type: Clean water
Typology:Surface
Family:Self-suction pump

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +90℃
Ambient temperature up to +40℃
Max pressure up to 5 bar

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Motor:Single phase.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3	4	5
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	5	10	15	20	25	30	35	40	50	67	83
PW125E	0.125	0.17	24	32	1.9	1"×1"	8	7.8	H(m)	24	22	16.6	12.3	10	6.1	3.5	-	-	-	-	-
PW250E	0.25	0.33	32.7	33	2	1"×1"	8	8.5		32.7	27.7	23.9	17.4	12.4	7.5	3.1	-	-	-	-	-
PW370E	0.37	0.5	36	37	2.2	1"×1"	8	8.8		36	29.9	23.2	17.7	12.3	8.2	3.7	1.5	-	-	-	-
PW550E	0.55	0.75	42	53	3.2	1"×1"	8	11.4		42	36	32.4	29.7	26	22.4	19.4	16.4	13	5.4	-	-
PW750E	0.75	1	50	57	3.4	1"×1"	8	13.1		50	46	42	37.5	32.3	28.2	23.4	19.3	14.7	5.6	-	-
PW1100E	1.1	1.5	55	83	5	1.5"×1.5"	8	21.7		55	51.8	48.4	44.9	41.7	38.6	35.5	32.5	29.5	23.6	14	5.3

ZGD AUTOMATIC SELF-PRIMING PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. The ZGD series pump are self-priming screw pump, which has the characteristics of high lift, large suction. As a result of their reliability,compact, economy and the fact that they are easy to use, they are widely used domestic water, tap water boosting, water tower supply, well water lifting, solar hot water boosting, etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

ZGD-R

ZGD-S

SCREW

Flow rate up to 43 L/min (2.6 m³/h)

Head up to 90 m

Liquid Type: Clean water
Typology:Surface
Family:Self-suction pump

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +80℃
Ambient temperature up to +40℃

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	8.3	17	25	33.3	41.6
ZGD1.8-70-550R	0.55	0.75	80	37	2.2	1"×1"	8	12	H(m)	80	67.2	50.9	36.1	18.9	-
ZGD1.8-70-550S	0.55	0.75	80	37	2.2	1"×1"	8	12		80	67.2	50.9	36.1	18.9	-
ZGD2.5-80-750R	0.75	1	90	43	2.6	1"×1"	8	12.5		90	78.4	67.3	55.7	36.3	10.1
ZGD2.5-80-750S	0.75	1	90	43	2.6	1"×1"	8	12.5		90	78.4	67.3	55.7	36.3	10.1

CPM CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrigation of gardens and allotments. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 133 L/min (8 m³/h)

Head up to 48 m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 7 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Cast iron
Impeller: Brass or stainless steel
Motor Shaft: 304 stainless steel shaft
Mechanical Seal: Ceramic - graphite.
Electric Motor: Cpm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.Cp:three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

*:Version K1

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W(kg)		Q (m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	Single-phase	Three-phase	Q (L/min)	0	15	30	45	60	75	90	105	120	133
CPm130		0.37	0.5	23	83	5	1" ×1"	7	9.1		H(m)	23	21.9	20.5	18.6	15.8	11.7	-	-	-	-
CPm146		0.55	0.75	26	100	6	1" ×1"	7	12.5			26	23.4	21.8	20	17.8	14.4	10	-	-	-
CPm158	CP158	0.75	1	32	100	6	1" ×1"	7	14.5	13.5		32	25.7	24.5	22.6	19.8	16.8	12.6	-	-	-
CPm170	CP170	1.1	1.5	38	125	7.5	1¼" ×1"	7	19.5	18.7		38	36	34	32.3	30.6	27.1	23.8	21.6	16.9	-
CPm190	CP190	1.5	2	42	130	7.8	1" ×1"	7	24	23.6		42	38.7	36.4	34.2	32.5	29.7	25.2	22.6	18.2	-
CPm200	CP200	2.2	3	48	133	8	1" ×1"	7	30.5	29.5		48	46	43.5	40.7	38.1	36.3	34.6	33	30.6	27.9

CPM CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrrigation of gardens and allotments. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 500 L/min (30 m³/h)

Head up to 35.5m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40 C
Ambient temperature up to +40 C

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: Cpm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.Cp:three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL *:Version K1

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W(kg)		Q (m³/h)	0	3.6	7.2	10.8	14.4	18	21.6	23.4	25.2	27
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	Single-phase	Three-phase	Q (L/min)	0	60	120	180	240	300	360	390	420	450
CPm60	CP60	1.1	1.5	25	400	24	2"×2"	8	21.5	19	H(m)	25	24.9	23.2	21	18.5	16	13.4	10.5	-	-
CPm70	CP70	1.5	2	29	500	30	2"×2"	8	23.6	20		29	28	27.5	26	24	21.5	18	16	-	-
CPm80	CP80	2.2	3	35.5	500	30	2"×2"	8	29.8	27		35.5	34.5	33	32	29.5	26.6	23	21.3	19.3	16.5

CPM CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrrigation of gardens and allotments. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 217 L/min (13 m³/h)

Head up to 36.5 m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40 C
Ambient temperature up to +40 C

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft .
Mechanical Seal: Ceramic - graphite.
Electric Motor: Cpm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.Cp:three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL *:Version K1

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W(kg)		Q (m³/h)	0	3	3.6	4.8	5.4	6.6	7.5	9.6	12
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	Single-phase	Three-phase	Q (L/min)	0	5	60	80	90	110	128	160	200
CPm25/160B	CP25/160B	1.1	1.5	33.4	200	12	1¼"x1"	8	24.9	23.4	H(m)	33.4	30.7	30.3	28.9	28.1	26.5	24.6	17	14
CPm40/160B	CP40/160B	1.1	1.5	32	217	13	1½"x1 "	8	20	18.5		32	30	29.5	27.9	27	24.8	23.1	17.4	15
CPm25/160A	CP25/160A	1.5	2	36.5	200	12	1¼"x1"	8	24.9	23.4		36.5	33.7	33.1	31.5	30.6	28.4	26.5	20.8	16
CPm40/160A	CP40/160A	1.5	2	35	217	13	1½"x1"	8	21	19.5		35	32	30.7	29.4	28.7	26.9	24	20.5	15

GHFM CENTRIFUGAL PUMP

Installation And Use

The GHFm serials, from the points of view of both performance and mechanical dimensions, has been expressly designed for use in the civil, agricultural and industrial field. Due to the high yields reched and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 600L/min (30 m³/h)

Head up to 20 m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 7 m
Liquid temperature up to +40 C
Ambient temperature up to +40 C

Construction

Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: GHFm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.GHF:three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL *:Version K1

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W(kg)		Q (m³/h)	0	3	6	9	12	15	18	21	24	26	30
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	Single-phase	Three-phase	Q (L/min)	0	50	100	150	200	250	300	350	400	433.3	500
NGAm1B		0.55	0.75	18	200	12	1½"x1½"	7	11.7			18	13.4	11.9	9.9	7.5	-	-	-	-	-	-
NGAm1A		0.75	1	20	200	12	1½"x1½"	7	12.5			20	17.8	15.7	14	11.2	-	-	-	-	-	-
NGAm1BR		0.55	0.75	18	200	12	1 ¼"x1 ¼"	7	11.7			18	13.4	11.9	9.9	7.5	-	-	-	-	-	-
NGAm1AR		0.75	1	20	200	12	1 ¼"x1 ¼"	7	12.5			20	17.8	15.7	14	11.2	-	-	-	-	-	-
GHFm5C	GHF5C	0.55	0.75	11	417	25	2"×2"	7	14.5	13.3	H(m)	11	10.5	10.4	10.2	10	9.3	8.3	7.2	5.8	-	-
GHFm5B	GHF5B	0.75	1	14	417	25	2"×2"	7	14.6	15.9		14	12.6	12.4	12.1	11.5	10.6	9.1	8	6.6	-	-
GHFm5A	GHF5A	1.1	1.5	16	417	25	2"×2"	7	15.5	14.8		16	14.2	12.8	12.7	12.1	11.1	9.5	8.4	7	-	-
GHFm5BM	GHF5BM	1.1	1.5	18	500	30	2"×2"	7	22	19.3		18	16.7	15	14.9	14.5	13.9	13	11.6	9.8	8.6	7.1
GHFm5AM	GHF5AM	1.5	2	20	500	30	2"×2"	7	21	20.8		20	18.4	17	16.9	16.4	15.8	14.5	13.1	11.2	10.1	8.7

GHFM CENTRIFUGAL PUMP

Installation And Use

The GHFm serials, from the points of view of both performance and mechanical dimensions,has been expressly designed for use in the civil, agricultural and industrial field. Due to the high yields reched and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 1250L/min (75 m³/h)

Head up to 25 m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40 C
Ambient temperature up to +40 C

Construction

Pump Body: Cast iron
Impeller: Brass or castiron.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: GHFm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.GHF:three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL *:Version K1

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W(kg)		Q (m³/h)	0	12	18	30	42	48	54	60	66	72
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	Single-phase	Three-phase	Q (L/min)	0	200	300	500	700	800	900	1000	1100	1200
GHFm6C	GHF6C	1.1	1.5	12.1	917	55	3"×3"	8	26.5	26.5	H(m)	12.1	11.6	11.2	9.7	7.2	5.6	3.5	-	-	-
GHFm6B	GHF6B	1.5	2	15	1200	60	3"×3"	8	27.5	27.5		15	13.8	12.6	10.4	7.7	6.1	4.4	2.8	-	-
GHFm6A	GHF6A	2.2	3	18.5	1100	66	3"×3"	8	34.5	34		18.5	16.2	15	13.6	11	9	7.2	6.2	4.4	-
GHFm6CR	GHF6CR	1.1	1.5	12.1	917	55	4"×4"	8	30	30		12.1	11.6	11.2	9.7	7.2	5.6	3.5	-	-	-
GHFm6BR	GHF6BR	1.5	2	15	1200	60	4"×4"	8	30.5	30.5		15	13.8	12.6	10.4	7.7	6.1	4.4	2.8	-	-
GHFm6AR	GHF6AR	2.2	3	18.5	1100	66	4"×4"	8	36.5	36.5		18.5	16.2	15	13.6	11	9	7.2	6.2	4.4	-
GHFm7B	GHF7B	3	4	20	1250	75	3"×3"	7	34	34		20	19.5	19.1	17.9	15	13	10.5	7.5	5.8	3.9
GHFm7BR	GHF7BR	3	4	20	1250	75	4"×4"	7	37.5	35.5		20	19.5	19.1	17.9	15	13	10.5	7.5	5.8	3.9
GHFm7AR	GHF7AR	4	5.5	25	1250	75	4"×4"	7	39	37.5		25	24.2	23.6	21.8	19.7	16.2	13.9	11.8	9.6	6.8

GNFM CENTRIFUGAL PUMP

Installation And Use

The GNFm serials, from the points of view of both performance and mechanical dimensions, has been expressly designed for use in the civil, agricultural and industrial field.Due to the high yields reched and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 2000 L/min (120 m³/h) **Head up to** 22.5m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 45# steel or stainless steel .
Mechanical Seal: Ceramic - graphite.
Electric Motor: GNFm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.GNF:three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	12	18	21	30	42	54	66	90	120
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	200	300	350	500	700	900	1100	1500	2000
GNFm129B	GNF129B	1.1	1.5	20.2	600	36	2"×2"	8	20.5		20.2	18.0	16.0	13.6	7.5	-	-	-	-	-
GNFm129BM	GNF129BM	1.1	1.5	20.2	600	36	2½"×2½"	8	20.5		20.2	18.0	16.0	13.6	7.5	-	-	-	-	-
GNFm129A	GNF129A	1.5	2	22.5	600	36	2"×2"	8	22.5		22.5	21.0	18.9	16.0	10.8	-	-	-	-	-
GNFm129AM	GNF129AM	1.5	2	22.5	600	36	2½"×2½"	8	22.5	H(m)	22.5	21.0	19.0	16.0	10.8	-	-	-	-	-
GNFm130C	GNF130C	1.1	1.5	14	900	54	3"×3"	8	28		14.0	11.7	11.3	11.1	10.2	8.0	5.0	-	-	-
GNFm130B	GNF130B	1.5	2	16.6	900	54	3"×3"	8	29		16.6	15.0	14.5	13.7	12.5	11.0	8.2	5.0	-	-
GNFm130A	GNF130A	2.2	3	20.5	1020	61.2	3"×3"	7	39		20.5	18.5	17.8	16.9	15.4	13.7	11.3	9.1	-	-
GNFm7AR	GNF7AR	4	5.5	17.6	2000	120	4"×4"	7	40		17.6	16.6	16.1	15.9	15.1	14.2	13.2	12.3	9	6

GHFM-C CENTRIFUGAL PUMP

Installation And Use

The GHFm serials, from the points of view of both performance and mechanical dimensions,has been expressly designed for use in the civil, agricultural and industrial field. Due to the high yields reched and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 2800L/min (138 m³/h) **Head up to** 49 m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

The medium PH value is between 6.5-8.5
Liquid temperature up to +120℃
Ambient temperature up to +50℃

Construction

Barrel: aluminium barrel
Impeller: cast iron
Motor shaft: carbon steel chrome-plated shaft
Mechanical seal: ceramic to graphite (hot water type)
Bearings: deep groove ball bearings, C&U, with plastic dust caps
Insulation class: Class F
Protection class: IP55

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	6	9	12	15	18	21	24	30
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	100	150	200	250	300	350	400	500
GHFm220CH2	GHF220CH2	2.2	3	32	500	30	2"	28.5		32	31	30.5	30	29	28	26	24	21
GHFm300CH2	GHF300CH2	3	4	38	500	30	2"	32.3	H(m)	38	37	36.5	36	34.8	33.5	31.2	29	25
/	GHF400CH2	4	5.5	52	500	30	2"	42		52	51	50.8	50.3	49	47.5	45	43	40
/	GHF550CH2	5.5	7.5	61	500	30	2"	47		61	60	59.5	59	58.5	57	55	52.5	50

GHFM-C CENTRIFUGAL PUMP

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	36	42	48	54	60	66	72	84	90
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	600	700	800	900	1000	1100	1200	1400	1500
GHFm300C3	GHF300C3	3	4	21.5	1200	72	3"	35		21.5	18.8	17.8	16.5	15	13.5	11.2	9		
/	GHF400C3	4	5	25	1400	84	3"	52	H(m)	25	24.1	24	22.5	21.3	19.8	18.3	16.8	12.8	
/	GHF550C3	5.5	7.5	32	1400	84	3"	64		32	30.6	30	28	26.6	24.8	22.7	20.5	14.8	
/	GHF750C3	7.5	10	40	1500	90	3"	71		40	38	37	36	34.4	32.6	30.8	29	24	21

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	54	60	66	72	84	90	108	120	128
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	900	1000	1100	1200	1400	1500	1800	2000	2300
GHFm220C4	GHF220C4	2.2	3	18.5	1200	72	4"	30		18.5	12.2	10.5	8.3	6					
GHFm300C4	GHF300C4	3	4	21.5	1200	72	4"	35		21.5	15	13.5	11.2	9					
/	GHF400C4	4	5.5	19	1500	90	4"	40		19	16.8	15.5	15	14.5	13	11.8			
	GHF550C4	5.5	7.5	23	1800	108	4"	68		23	20.9	20.3	19.7	19	17.5	16.7	13.7		
	GHF750C4	7.5	10	27	2000	120	4"	74	H(m)	27	25.6	25.2	24.8	24.5	23	22.5	20	18	
	GHF920C4	9.2	12.5	33	2000	120	4"	90		33	31.5	31	30.5	30	28	27.1	24	21.5	
	GHF1100C4	11	15	36	2000	120	4"	106		36	34.5	34	33.5	33	31.5	30.8	28	25.5	
	GHF1500C4	15	20	42	2300	138	4"	134		42	41	40.7	40.4	40	38.5	37.8	35	33	29.5
	GHF1850C4	18.5	25	49	2300	138	4"	155		49	48	47.7	47.4	47	46	45	42	41	37.0

DK CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. The DK series have compact size and are extremely reliable, very simple to use, efficient and almost maintenance-free. They are suitable for boosting pressurewater supplying for household, irrigation, general industrial applications, etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

1DK-16/1.5DK-24

2DK-16/20

Flow rate up to 367 L/min (22 m³/h) **Head up to** 19.2 m

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 9 m
Max fluid temperature up to 40℃/80℃ optional
Max ambient temperature up to 40℃
Max pressure up to 10 bar

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Motor housing:Aluminum.
Mechanical Seal: Ceramic - graphite.
Electric Motor: Closed,extermally ventilated.
Insulation: Class B/F.
Protection: IP 44/IP54.

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	2	4	6	8	10	12	14	16	18	20	22
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	33.5	66.5	100	133.5	166.5	200	233.5	266.5	300	333.5	366.5
1DK-16	0.37	0.5	19.2	100	6	1"X1"	9	8.2		19.2	12.7	10.2	8.2	-	-	-	-	-	-	-	-
1.5DK-24	0.75	1	18	233	14	1½"X1½"	9	10.8	H(m)	18	17	16.8	16.3	15.6	14.1	12.6	10	-	-	-	-
2DK-16	1.1	1.5	16	333	20	2"X2"	9	14.5		16	14.6	14.5	14.1	13.7	13.1	12.4	12	11.7	11.5	9.8	-
2DK-20	1.5	2	18	367	22	2"X2"	9	16		18	16.8	16.6	16.4	15.8	15.7	14.9	14.5	15.3	13.3	10	9

GVSM CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability, compact, economy and the fact that they are easy to use, they are particularly suitable for domestic and industrial applications such as water supply for recirculation in air conditioners and refrigerators, industrial water uses in general, and the automatic distribution of water from surge tank, garden watering, water suction from tanks or wells down to 9 meter depth. The pump is equipped with a check valve on the suction side so that no foot valve is required. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to **167 L/min (10 m³/h)**

Head up to **22 m**

Liquid Type: Clean water
Typology:Surface
Family:Vertical type centrifugal

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40 C
Ambient temperature up to +40 C

Construction

Pump Body: Aluminum.
Impeller: Aluminum and POM.
Motor Shaft: Stainless steel .
Mechanical Seal: Ceramic - graphite.
Insulation: Class F.
Protection: IP 44.

GVSm370 GVSm550 GVSm1100

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	1	1.5	2	2.5	3	4	6	7.5	8.5
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	17	25	33	42	50	67	100	125	141.6
GVSm370	0.37	0.5	20	50	3	3/4"×3/4"	8	5.7	H(m)	20	19.5	18	17	13.5	9.5	-	-	-	-
GVSm550	0.55	0.75	21.4	67	4	3/4"×3/4"	8	7.5		21.4	19.6	18.7	17.9	16.7	14	7.14	-	-	-
GVSm1100	1.1	1.5	22	167	10	1 ¼"×1 ¼"	8	10		22	20.1	19.9	19.8	19.7	19.6	19.3	17.3	14.6	12.6

2CPM CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water and liquids that are chemically non aggressive for the materials of which the pump is made. The high head and adaptability to the most varied, even unusual applications, make them the ideal choice in the domestic, civil and industrial field, particular in distributing water in combination with autoclaves, as well as increasing pressure in the mains for fire-fighting sets. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to **450L/min (27 m³/h)**

Head up to **160 m**

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 9 m
Liquid temperature up to +90 C
Ambient temperature up to +40

Construction

Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: 2CPm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.2CP:three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL * Version K1

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W(kg)		Q (m³/h)	0	2.4	3.0	4.2	4.8	6.0	6.6	8.4	9.6	10.8	12
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	Single-phase	Three-phase	Q (L/min)	0	40	50	70	80	100	110	140	160	180	200
2CPm25/130	2CP25/130	0.75	1	42	100	6	1¼"×1"	8	15	15		42	32	22.1	15	10	5.8	-	-	-	-	-
2CPm25/140M	2CP25/140M	1.1	1.5	47	167	10	1½"×1"	9	22.1	22.1		47	44.2	43.3	41.5	39.4	33.3	30	16.9	10	-	-
2CPm160/160	2CP160/160	1.5	2	58	150	9	1¼"×1"	8	25.5	23.5		58	50.3	47.9	43.2	39.7	30.4	26.1	11.6	-	-	-
2CPm25/160B	2CP25/160B	1.5	2	54.6	167	10	1½"×1"	9	24.9	22.8		54.6	45.6	43.3	37.5	34.2	29	23	11	5.6	-	-
2CPm25/160A	2CP25/160A	2.2	3	62	167	10	1½"×1"	9	42.8	29.6	H(m)	62	59	57.4	54.2	52.6	45.4	41	25.3	8.4	-	-
2CPm32/200C	2CP32/200C	3	4	62	200	12	1½"×1¼"	9	39	41.2		62	55.2	53.9	51.2	49.7	46.8	44.9	37.6	29.8	17.4	10
2CPm50/160B	2CP50/160B	1.5	2	44	167	10	2"×2"	9	27.6	30		44	40	37.7	35.3	34.1	29.4	26.9	17	10	-	-
2CPm50/160A	2CP50/160A	2.2	3	55	208	12.5	2"×2"	9	40	36		55	52.5	51.5	49.1	47.5	44.2	41.4	34	23.9	20	10

2CPM CENTRIFUGAL PUMP

HOUSEHOLD INDUSTRY MUNICIPAL

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W(kg)	Q (m³/h)	0	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	18	21	24	27
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	Three-phase	Q (L/min)	0	40	50	60	70	80	90	100	110	120	140	160	180	200	250	300	350	400	450
2CPm32/200C	2CP32/200C	3	4	70	250	15	1½"×1 ¼"	8	38		70	-	-	-	-	63	62	60.5	59	57	55	52	49.5	46.5	36	-	-	-	-
	2CP32/200B	4	5.5	85	250	15	1½"×1 ¼"	8	43		85	-	-	-	-	77	76	75	74	72	69	66	62	58	49	-	-	-	-
	2CP32/210B	5.5	7.5	94	250	15	2"×1 ¼"	8	54		94	-	-	-	-	91	90	89	87	85	83	79	75	70	56	-	-	-	-
	2CP32/210A	7.5	10	112	250	15	2"×1 ¼"	8	61		112	-	-	-	-	110	109	108	107	105	102	99	94	89	74	-	-	-	-
	2CP40/210B	5.5	7.5	94	250	15	2"×1½"	8	61		94	-	-	-	-	91	90	89	87	85	83	79	75	70	56	-	-	-	-
	2CP40/210A	7.5	10	112	250	15	2"×1½"	8	61		112	-	-	-	-	110	109	108	107	105	102	99	94	89	74	-	-	-	-
	2CP50/180C	4	5.5	62	350	21	2"×2"	8	54		62	-	-	-	-	59	58	57	56	55	55	50	48	44	36	31	23	-	-
	2CP50/180B	5.5	7.5	72	350	21	2"×2"	8	54		72	-	-	-	-	69	68	67	66	65	65	60	58	54	46	41	33	-	-
	2CP50/180A	7.5	10	84	350	21	2"×2"	8	54		84	-	-	-	-	81	80	79	78	76	75	72	72	66	58	53	45	-	-
	2CP40/200B	9.2	12.5	97	450	27	2"×1½"	8	89		97	-	-	-	-	-	-	-	-	-	91.5	91	90	88	85	80	74	68	61
	2CP40/200A	11	15	105	450	27	2"×1½"	8	90	H(m)	105	-	-	-	-	-	-	-	-	-	100	99	98	97	93	88	83	76	69
	2CP50/200B	9.2	12.5	97	450	27	2"×2"	8	89		97	-	-	-	-	-	-	-	-	-	91.5	91	90	88	85	80	74	68	61
	2CP50/200A	11	15	105	450	27	2"×2"	8	90		105	-	-	-	-	-	-	-	-	-	100	99	98	97	93	88	83	76	69
	2CP40/250D	13	17.5	120	450	27	2"×1½"	8	110		120	-	-	-	-	-	-	-	-	-	114	113	112	110	107	103	98	91	82
	2CP40/250C	15	20	130	450	27	2"×1½"	8	120		130	-	-	-	-	-	-	-	-	-	124	123	122	120	117	113	108	102	92
	2CP40/250B	18.5	25	145	450	27	2"×1½"	8	130		145	-	-	-	-	-	-	-	-	-	139	138	137	136	131	126	121	114	107
	2CP40/250A	22	30	160	450	27	2"×1½"	8	140		160	-	-	-	-	-	-	-	-	-	155	153	152	151	146	141	135	130	122
	2CP50/250D	13	17.5	120	450	27	2"×2"	8	110		120	-	-	-	-	-	-	-	-	-	114	113	112	110	107	103	98	91	82
	2CP50/250C	15	20	130	450	27	2"×2"	8	120		130	-	-	-	-	-	-	-	-	-	124	123	122	120	117	113	108	102	92
	2CP50/250B	18.5	25	145	450	27	2"×2"	8	130		145	-	-	-	-	-	-	-	-	-	139	138	137	136	131	126	121	114	107
	2CP50/250A	22	30	160	450	27	2"×2"	8	140		160	-	-	-	-	-	-	-	-	-	155	153	152	151	146	141	135	130	122

CTT CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.The CTT multi-stage centrifugal pumps are horizontal,designed to work with clean water.The pump body is made of cast iron,particularly suitable for constructing small and medium sized pressurization systems such as domestic applications,irrigation,industry,etc.Low noise and reliable performance.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

Flow rate up to **90 L/min (5.4 m³/h)**

Head up to **55.2 m**

Liquid Type: Clean water
Typology:Surface
Family:Centrifugal

Application Limits

Manometric suction lift up to 9 m
Max fluid temperature up to 40 C/80 C optional
Max ambient temperature up to 40 C
Max pressure up to 10 bar

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Motor housing:Aluminum.
Mechanical Seal: Ceramic - graphite.
Electric Motor: Closed,extermally ventilated.
Insulation: Class B/F.
Protection: IP 44/IP54.

HOUSEHOLD INDUSTRY MUNICIPAL * Version K1

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.8	5.0	5.4
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	10	20	30	40	50	60	80	83.3	90
CTT3-50	1.1	1.5	55.2	90	5.4	1¼"×1"	9	28.5	H(m)	55.2	52.4	50.1	47.8	40.9	35.2	27.8	16	10	5.2

CPM-S CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small and medium auutoclaves,for transferring liquids and for the irrigation of gardens and allotments.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

Flow rate up to 175 L/min (10.5 m³/h)

Head up to 100 m

Liquid Type: Clean water
Typology:Surface
Family:Multistage Centrifugal

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Stainless steel.
Impeller: Stainless steel or PPO.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: 3-5CPm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.3-5CP:-three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

CPM60

CPM100

CPM120

* Self-priming
* CPm60 series impeller : stainless steel; CPm100/120 series impeller : PPO.

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	3.9
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	10	20	30	40	50	60	65
2CPm60S		0.24	0.33	22.4	60	3.6	1"×1"	8	8.3	H(m)	22	20.3	17.8	15.2	12.7	9	3.8	-
3CPm60S	3CP60S	0.37	0.5	31	70	4.2	1"×1"	8	9.2		34	27.9	24.9	21.9	18.6	15.2	11.3	9.2
4CPm60S	4CP60S	0.55	0.75	41	70	4.2	1"×1"	8	10		44	37.1	33.1	29	24.7	19.8	14.2	11.1
5CPm60S	5CP60S	0.75	1	50	70	4.2	1"×1"	8	11		50	45	39.4	34	28.3	21.8	15.3	11.5

Model		Power		Max.head	Max.flow		Size	N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	8.3	16.7	25	33.3	41.7	50	58.3	66.7	75	83.3	100
1CPm100S	1CP100S	0.25	0.3	11	70	4.2	1"×1"	7.2	H(m)	11	10.4	9.8	9.3	8.6	7.8	7	6	4.8	-	-	-
2CPm100S	2CP100S	0.37	0.5	20.6	83.3	5	1"×1"	7.9		20.6	19.9	19.2	18.2	17	15.8	14.3	12.7	10.8	8.6	6.6	-
3CPm100S	3CP100S	0.6	0.8	32	82	5.5	1"×1"	8.6		32	30.4	28.8	27.1	25.4	23.4	21.5	19.1	16.6	13.6	10.5	-
4CPm100S	4CP100S	0.75	1	42	100	6	1"×1"	9.4		42	39.7	37.9	35.9	33.2	30.5	28	25.2	21.6	17.6	13.5	4.9
5CPm100S	5CP100S	0.9	1.2	50	100	6	1"×1"	10.3		50	48.4	46	43.5	41.1	38.1	34.9	31.2	26.8	22.3	17.3	10

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6	6.6
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	8	17	25	33	42	50	58	67	75	83	100	110
2CPm120S	2CP120S	0.55	0.75	25	110	6.6	1¼" ×1"	8	9.8	H(m)	25	24.7	24.5	24.1	23.6	22.8	22	20.9	19.8	18.1	16.3	14.1	11.5
3CPm120S	3CP120S	0.75	1	42.7	115	6.9	1¼" ×1"	8	11.8		42.7	40.5	38.3	37.8	37.5	35.4	34.1	32.1	29.9	27.5	24.8	19.3	14.6
4CPm120S	4CP120S	0.95	1.2	50.4	117	6.99	1¼" ×1"	8	13.8		50.4	49.8	48.8	47.8	46.7	44.9	43.4	42.1	37.5	34.7	31.2	23.7	17.9
5CPm120S	5CP120S	1.1	1.5	62	115	6.9	1¼" ×1"	8	15.8		62	61	60.5	59	57.4	53.9	50.4	46.6	42.5	38.9	35.7	25.3	17.3
6CPm120S	6CP120S	1.35	1.8	75	123	7.4	1¼" ×1"	8	17.8		75	73.7	73	71.8	70.4	67.7	64	60.6	57.3	51.6	44.9	36.8	28.2
7CPm120S	7CP120S	1.5	2	84.8	118	7.1	1¼" ×1"	8	19.8		86	83.7	83.5	71.3	80	76.1	70.9	62.9	56.5	51.5	47	33.3	24.3
8CPm120S	8CP120S	1.75	2.3	100	122	7.3	1¼" ×1"	8	21.8		100	95.5	94	92	89.8	86.7	83.4	78.6	73.8	67.7	61.5	47.3	37.6

CPM-S CENTRIFUGAL PUMP

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	7.8	8.7
Single-phase	Three-phase	kW	HP	M	L/min	M³/H	Inch	M	kg	Q (L/min)	0	20	40	60	80	100	120	130	145
2CPm145S	2CP145S	0.55	0.75	25	150	9	1¼" ×1"	8	10.8	H(m)	25	23.7	22.4	20.6	18	14.6	9.4	6.1	3.9
3CPm145S	3CP145S	0.75	1	38	150	9	1¼" ×1"	8	12.6		38	36	34.4	32.7	29.6	23.8	17.4	12.9	4.5
4CPm145S	4CP145S	1.1	1.5	51.5	150	9	1¼" ×1"	8	17.5		51.5	49.1	46.8	44.4	42	34.6	24.9	18.9	6
5CPm145S	5CP145S	1.5	2	61.5	150	9	1¼" ×1"	8	19		61.5	58.9	56.4	53.9	51.4	41.7	29.4	21.9	9.7
6CPm145S	6CP145S	1.85	2.5	76	150	9	1¼" ×1"	8	23.5		76	74.6	73.3	69.9	63.9	53.7	38.6	30.2	16

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.2
Single-phase	Three-phase	kW	HP	M	L/min	M³/H	Inch	M	kg	Q (L/min)	0	20	40	60	80	100	120	140	160	170
2CPm170S	2CP170S	0.75	1	25	160	9.6	1¼" ×1¼"	8	12.3	H(m)	25	24	23	21	19	16	12	8	3	-
3CPm170S	3CP170S	1	1.3	39	160	9.6	1¼" ×1¼"	8	13.1		39	37	35	33.1	30.9	26.9	19.3	12.5	4	-
4CPm170S	4CP170S	1.35	1.8	53.5	175	10.5	1¼" ×1¼"	8	18.8		53.5	50.4	47.8	45.2	42.7	38.1	30.5	22	12	4.8
5CPm170S	5CP170S	1.65	2.2	67.5	175	10.5	1¼" ×1¼"	8	19.6		67.5	65.4	63.4	60.7	55.4	48.6	39.3	28.9	16.5	8.5
6CPm170S	6CP170S	2.1	2.8	80	175	10.5	1¼" ×1¼"	8	25		80	76.8	74.8	72.7	66.5	58.8	47.6	35.2	22	13.2

CPM CENTRIFUGAL PUMP

Installation And Use

This series of electric pumps is small in size, light in weight, compact in structure, simple and convenient in installation, and is an ideal high-efficiency and energy-saving household electric pump, widely used in agricultural irrigation, spray irrigation, garden spray irrigation, vegetable greenhouse water supply, farming water supply and drainage, as well as well water lifting, tap water pressurisation and other household water occasions.

Flow rate up to 123 L/min (7.4 m³/h)

Head up to 100 m

Liquid Type: Clean water
Typology:Surface
Family:Multistage Centrifugal

Application Limits

Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Stainless steel.
Impeller: PPO.
Motor Shaft: tainless steel .
Mechanical Seal: Ceramic - graphite.
Electric Motor: 3-5CPm:Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.3-5CP:-three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.

* Version K1
* No Self-priming

Model		Power		Max.head	Max.flow		Size	N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	8.3	16.7	25	33.3	41.7	50	58.3	66.7	75	83.3	100
1CPm100	1CP100	0.25	0.3	11	70	4.2	1"×1"	7.2	H(m)	11	10.4	9.8	9.3	8.6	7.8	7	6	4.8	-	-	-
2CPm100	2CP100	0.37	0.5	20.6	83.3	5	1"×1"	7.9		20.6	19.9	19.2	18.2	17	15.8	14.3	12.7	10.8	8.6	6.6	-
3CPm100	3CP100	0.6	0.8	32	82	5.5	1"×1"	8.6		32	30.4	28.8	27.1	25.4	23.4	21.5	19.1	16.6	13.6	10.5	-
4CPm100	4CP100	0.75	1	42	100	6	1"×1"	9.4		42	39.7	37.9	35.9	33.2	30.5	28	25.2	21.6	17.6	13.5	4.9
5CPm100	5CP100	0.9	1.2	50	100	6	1"×1"	10.3		50	48.4	46	43.5	41.1	38.1	34.9	31.2	26.8	22.3	17.3	10

CPM CENTRIFUGAL PUMP

Model		Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6	6.6
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	8	17	25	33	42	50	58	67	75	83	100	110
2CPm 120	2CP120	0.55	0.75	25	110	6.6	1¼" ×1"	8	9.8		25	24.7	24.5	24.1	23.6	22.8	22	20.9	19.8	18.1	16.3	14.1	11.5
3CPm 120	3CP120	0.75	1	42.7	115	6.9	1¼" ×1"	8	11.8		42.7	40.5	38.3	37.8	37.5	35.4	34.1	32.1	29.9	27.5	24.8	19.3	14.6
4CPm 120	4CP120	0.95	1.2	50.4	117	6.99	1¼" ×1"	8	13.8		50.4	49.8	48.8	47.8	46.7	44.9	43.4	42.1	37.5	34.7	31.2	23.7	17.9
5CPm 120	5CP120	1.1	1.5	62	115	6.9	1¼" ×1"	8	15.8	H(m)	62	61	60.5	59	57.4	53.9	50.4	46.6	42.5	38.9	35.7	25.3	17.3
6CPm 120	6CP120	1.35	1.8	75	123	7.4	1¼" ×1"	8	17.8		75	73.7	73	71.8	70.4	67.7	64	60.6	57.3	51.6	44.9	36.8	28.2
7CPm 120	7CP120	1.5	2	84.8	118	7.1	1¼" ×1"	8	19.8		86	83.7	83.5	71.3	80	76.1	70.9	62.9	56.5	51.5	47	33.3	24.3
8CPm 120	8CP120	1.75	2.3	100	122	7.3	1¼" ×1"	8	21.8		100	95.5	94	92	89.8	86.7	83.4	78.6	73.8	67.7	61.5	47.3	37.6

CPVM CENTRIFUGAL PUMP

Installation And Use

This series of electric pumps is small in size, light in weight, compact in structure, simple and convenient in installation, and is an ideal high-efficiency and energy-saving household electric pump, which can be used for high-rise building water supply and drainage, water plant filtration and conveyance, pipeline pressurisation, flushing and cleaning systems, boiler water supply, cooling water circulation, water treatment, ultra-filtration, reverse osmosis systems and other equipment supporting systems.

Flow rate up to
170 L/min (10.2m³/h)

Head up to
120 m

Liquid Type: Clean water
Typology:Surface
Family:Multistage Centrifugal

CPVm

CPVm-S

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +60°C
Ambient temperature up to +40°C

Construction

Water Inlet, connector: electroplated cast iron
Impeller: PP0 or Stainless steel
Guide vane: PP0
Pump barrel: AISI304
Rotor shaft: 304 stainless steel shaft
Coils: copper wire
Bearings: C&U
Mechanical Seal: Ceramic/Graphite/Nitrile Rubber
Insulation class: B
Protection class: IP44

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	10	20	30	40	50	60
2CPVm60S	2CPV60S	0.37	0.5	20	60	3.6	1"x1"	10.8		20	19	18	16	14	11	7
3CPVm60S	3CPV60S	0.5	0.65	32	60	3.6	1"x1"	11.2		32	30	27	24	20	16	10
4CPVm60S	4CPV60S	0.7	0.95	43	60	3.6	1"x1"	13.3		43	40	36	32	27	21	15
5CPVm60S	5CPV60S	0.85	1.15	54	60	3.6	1"x1"	14.2	H(m)	54	52	48	43	37	30	22
6CPVm60S	6CPV60S	1	1.3	66	60	3.6	1"x1"	15.3		66	64	60	55	48	40	30
7CPVm60S	7CPV60S	1.2	1.6	77	60	3.6	1"x1"	24.1		77	75	70	65	58	48	38
8CPVm60S	8CPV60S	1.4	1.85	88	60	3.6	1"x1"	25.3		88	86	82	76	68	58	45

CPVM CENTRIFUGAL PUMP

* CPVm170S equipped with stainless steel impeller

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	10	20	30	40	50	60	70	80	90
2CPVm90S	2CPV90S	0.45	0.6	22	90	5.4	1"x1"	11		22	21	20	19	18	16	14	11	8	5
3CPVm90S	3CPV90S	0.65	0.9	35	90	5.4	1"x1"	13.5		35	34	33	31	29	26	23	20	16	11
4CPVm90S	4CPV90S	0.75	1	45	90	5.4	1"x1"	14.6		45	44	42	40	37	34	31	27	22	15
5CPVm90S	5CPV90S	1	1.3	58	90	5.4	1"x1"	15.8	H(m)	58	57	55	53	50	46	41	35	29	21
6CPVm90S	6CPV90S	1.3	1.75	70	90	5.4	1"x1"	20.2		70	69	67	64	60	56	50	43	36	27
7CPVm90S	7CPV90S	1.5	2	82	90	5.4	1"x1"	21.7		82	81	79	76	72	66	60	52	44	34
8CPVm90S	8CPV90S	1.65	2.2	95	90	5.4	1"x1"	23.5		95	94	92	88	83	77	69	60	51	39

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	7.8	8.7
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	20	40	60	80	100	120	130	145
2CPVm145S	2CPV145S	0.55	0.75	25	145	8.7	1¼"x1"	13		25	24	22	20	16	12	7	4	
3CPVm145S	3CPV145S	0.75	1	37	145	8.7	1¼"x1"	14		37	36	34	31	27	22	15	12	6
4CPVm145S	4CPV145S	1.1	1.5	52	145	8.7	1¼"x1"	21.7		52	50	47	44	38	31	22	17	9
5CPVm145S	5CPV145S	1.5	2	64	145	8.7	1¼"x1"	23	H(m)	64	63	61	56	49	40	29	23	12
6CPVm145S	6CPV145S	1.85	2.5	76	145	8.7	1¼"x1"	29.8		76	75	73	68	60	49	35	27	14
7CPVm145S	7CPV145S	2.2	3	89	145	8.7	1¼"x1"	31		89	87	84	78	69	56	41	32	18
/	8CPV145S	2.5	3.3	104	145	8.7	1¼"x1"	32.6		104	102	99	93	82	68	50	40	22

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.2
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	20	40	60	80	100	120	140	160	170
2CPVm170S	2CPV170S	0.75	1	25	170	10.2	1¼"x1¼"	14		25	24	23	21	19	16	12	8	3	
3CPVm170S	3CPV170S	1	1.3	38	170	10.2	1¼"x1¼"	15.2		38	37	35	33	29	25	20	14	7	2
4CPVm170S	4CPV170S	1.35	1.8	52	170	10.2	1¼"x1¼"	22.5		52	50	48	45	42	36	29	21	12	7
5CPVm170S	5CPV170S	1.65	2.2	65	170	10.2	1¼"x1¼"	23.6	H(m)	65	64	61	57	52	45	37	27	16	10
6CPVm170S	6CPV170S	2.1	2.8	78	170	10.2	1¼"x1¼"	28.5		78	76	73	69	62	54	45	33	20	12
7CPVm170S	7CPV170S	2.4	3.2	92	170	10.2	1¼"x1¼"	32		92	90	87	82	75	65	53	39	23	15

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	15	30	45	60	75	90	105	120	135	150
3CPVm150	3CPV150	1.1	1.5	36	150	9	1¼"x1¼"	19		36	35	34	32	30	27	23	19	15	10	5
4CPVm150	4CPV150	1.5	2	48	150	9	1¼"x1¼"	20.5		48	47	46	44	41	38	34	29	23	16	7
5CPVm150	5CPV150	1.8	2.5	60	150	9	1¼"x1¼"	22		60	58.5	57	55	51	46	41	35	28	19	8
6CPVm150	6CPV150	2.2	3	72	150	9	1¼"x1¼"	24	H(m)	72	70	67	64	59	53	46	38.5	30.5	22	10
/	8CPV150	3	4	96	150	9	1¼"x1¼"	27		96	92	88	84	78	70	60	49	37	25	13
/	10CPV150	3.7	5	120	150	9	1¼"x1¼"	31.5		120	116	110	104	95	83	71	57	43	30	16

Model		Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9
Single-phase	Three-phase	kW	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	15	30	45	60	75	90	105	120	135	150
3CPVm150/1.5	3CPV150/1.5	1.1	1.5	36	150	9	1½"x1½"	19		36	35	34	32	30	27	23	19	15	10	5
4CPVm150/1.5	4CPV150/1.5	1.5	2	48	150	9	1½"x1½"	20.5		48	47	46	44	41	38	34	29	23	16	7
5CPVm150/1.5	5CPV150/1.5	1.8	2.5	60	150	9	1½"x1½"	22		60	58.5	57	55	51	46	41	35	28	19	8
6CPVm150/1.5	6CPV150/1.5	2.2	3	72	150	9	1½"x1½"	24	H(m)	72	70	67	64	59	53	46	38.5	30.5	22	10
/	8CPV150/1.5	3	4	96	150	9	1½"x1½"	27		96	92	88	84	78	70	60	49	37	25	13
/	10CPV150/1.5	3.7	5	120	150	9	1½"x1½"	31.5		120	116	110	104	95	83	71	57	43	30	16

JSWM JET PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small auutoclaves,for transferring liquids and for the irrigation of gardens and allotments.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

JSWM37

JSWM55/75/110

Flow rate up to 67 L/min (4 m³/h)

Head up to 60 m

Liquid Type: Clean water
Typology:Surface
Family:Self-priming

Application Limits

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

* Version K1

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.9	1.2	1.5	2.4	3.0	3.6	4
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	5.0	15.0	20.0	25.0	40.0	50.0	60.0	67
JSWm37	0.37	0.5	32	50	3	1"×1"	8	9.5	H(m)	32	28.5	22.8	20.4	18.2	13.2	4.2	-	-
JSWm55	0.55	0.75	42	60	4	1"×1"	9	15		42	38.5	31	28.7	26.8	15.2	8.2	1.6	-
JSWm75	0.75	1	48	67	4	1"×1"	9	17.5		48	45.2	40.6	39	37.5	31.5	27.8	18	14
JSWm110	1.1	1.5	52	67	4	1"×1"	9	16.5		52	49.6	46	44	41.7	36.1	31.9	23	18.3
JSWm75H	0.75	1	58	50	3	1"×1"	9	15.8		55	51.5	43.2	40.4	37.7	16.1	9	-	-
JSWm110H	1.1	1.5	60	50	3	1"×1"	9	16.2		60	53	51	48	43	32	20	-	-

JSWM JET PUMP 3CH 3BH 3AH

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small auutoclaves,for transferring liquids and for the irrigation of gardens and allotments.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

Flow rate up to 160 L/min (9.6 m³/h)

Head up to 70 m

Liquid Type: Clean water
Typology:Surface
Family:Self-priming

Application Limits

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor:JSWm: Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

* Version K1

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.9	1.8	2.1	2.7	3.0	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.6
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	15.0	30.0	35.0	45.0	50.0	70.0	80.0	90	100	110	120	130	140	160
JSWm3CH	1.1	1.5	60	93	5.6	1 ¼"×1"	9	24	H(m)	60	47.7	39.8	38	34.5	32.7	29	24	15	-	-	-	-	-	-
JSWm3BH	1.5	2	70	93	5.6	1 ¼"×1"	9	25		70	58.7	52	49	47	45	33	26	18	-	-	-	-	-	-
JSWm3AH	2.2	3	85	93	5.6	1 ¼"×1"	9	26		85	71	64	61	56	53	47	30	26	-	-	-	-	-	-
JSWm3CM	1.1	1.5	48	120	7.2	1 ¼"×1"	9	24		48	44	39.8	38.5	36.1	34.8	30.9	28.6	25	23.5	19	9	-	-	-
JSWm3BM	1.5	2	56	120	7.2	1 ¼"×1"	9	25		56	50.7	46.4	44.9	42	40.5	35.5	32.9	30.4	26.2	21.6	11	-	-	-
JSWm3AM	2.2	3	70	120	7.2	1 ¼"×1"	9	26		70	67	63	60	54	46	40	36	32	28	23	16	-	-	-
JSWm3CL	1.1	1.5	40	160	9.6	1 ¼"×1"	9	24		40	37.2	33.7	32.5	30.3	29.5	26.6	25.1	23.7	22.2	20.7	14	12	10	5
JSWm3BL	1.5	2	46	160	9.6	1 ¼"×1"	9	25		46	44	40.6	38	35.7	33	30	27.5	25.6	23	22.3	20	16	11	6
JSWm3AL	2.2	3	58	160	9.6	1 ¼"×1"	9	26		58	54	50	46	40	37	34	30	27.5	25	23	21	18	14	12

JSWM JET PUMP

Installation And Use

JSWmN series jet electric pump is mainly composed of three parts: motor, water pump and seal.The motor is an asynchronous motor. The water pump adopts the structure of centrifugal impeller, radial guide vane and integrated injector, which has the characteristics of short axial dimension and strong self-priming ability.The water pump and motor are equipped with single-end mechanical seals, and the water retaining ring on the shaft serves as an auxiliary water retaining function, and the "O"-shaped rubber sealing ring is used as a static seal at the fixed seam seal.
The electric pump is small in size, light in weight, compact in structure, simple and convenient in installation. It is an ideal domestic electric pump with high efficiency and energy saving, hygiene and safety, and is widely used in agricultural irrigation, sprinkler irrigation, garden spray irrigation, vegetable greenhouse water supply and farming water supply and drainage, as well as well water lifting, tap water pressurisation and other household water occasions.

Flow rate up to 67 L/min (4 m³/h)

Head up to 52 m

Liquid Type: Clean water
Typology:Surface
Family:Self-priming

Application Limits

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump body: cast iron (electrophoresis treatment)
Pump cover: 304 stainless steel
Connector: Aluminum
Impeller: engineering plastic PP0
Motor shaft: 304 stainless steel welded shaft
Mechanical Seal: Ceramic/Graphite
Motor: two-pole, single-phase, copper coil, built-in capacitor, thermal overload protector.
Insulation class: Class B
Protection class: IP44

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.9	1.2	1.5	2.4	3.0	3.6	4
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0	5.0	15.0	20.0	25.0	40.0	50.0	60.0	67
JSWm37N	0.37	0.5	32	50	3	1"×1"	9	7.5	H(m)	32	28.5	22.8	20.4	18.2	13.2	4.2	-	-
JSWm55N	0.55	0.75	42	60	3.6	1"×1"	9	13		42	38.5	31	28.7	26.8	15.2	8.2	1.6	-
JSWm75N	0.75	1	46	67	4	1"×1"	9	15.5		46	44.5	40.6	39	37.5	31.5	27.8	18	14
JSWm110N	1.1	1.5	52	67	4	1"×1"	9	14.5		52	49.6	46	44	41.7	36.1	31.9	23	18.3

GJSM JET PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small auutoclaves,for transferring liquids and for the irrrigating applications.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

S1

L1

Flow rate up to 67L/min (4 m³/h)

Head up to 55 m

Liquid Type: Clean water
Typology:Surface
Family:Self-priming

Application Limits

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Stainless steel.
Impeller: PP0.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor:JSLm: Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

* Version K1

Model	Power		Max head	Max.flow		Size	Suct.Max.	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.1	3.0	3.6	4.5
	kW	HP	m	L/min	m³/h	Inch	m	Q (L/min)	0	5	10	15	20	30	35	50	60	75
GJSm 400S1	0.4	0.55	30	50	3	1"×1"	8	H(m)	30	26.7	24	21.8	19	15.8	14.2	6	-	-
GJSm 600S1	0.6	0.8	35	50	3	1"×1"	8		35	30.3	27.8	25.4	23.1	18.8	17	8	-	-
GJSm 800L1	0.8	1.1	42	60	3.6	1"×1"	9		42	40	36.3	34	30.5	26.1	24.2	15.1	6	-
GJSm 1100L1	1.1	1.5	48	60	3.6	1"×1"	9		48	43.1	40.2	37.2	35	30	27.2	15	9	-
GJSm 1500L1	1.5	2	55	67	4	1"×1"	9		55	50.4	47.2	44	40.7	35.4	33.3	27.3	16	10

JSPM JET PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small autoclaves,for transferring liquids and for the irrrigating applications.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

Flow rate up to 60L/min (3.6m³/h)

Head up to 48 m

Liquid Type: Clean water
Typology:Surface
Family:Self-priming

Application Limits

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Impeller: PPO.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

* Version K1

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.1	2.4	3.0	3.6
	kW	HP	M	L/min	M³/H	Inch	M	kg	Q (L/min)	0	5	10	15	20	30	35	40	50	60
JSPm600	0.6	0.8	35	50	3	1"x1"	9	6	H(m)	35	31.4	27.9	24.5	21.7	16.7	14.6	13.3	7.5	-
JSPm800	0.8	1.1	42	60	3.6	1"x1"	9	7.2		42	38.5	34.5	32.1	30	26.5	24.8	23.3	18.5	6.6
JSPm1100	1.1	1.5	48	60	3.6	1"x1"	9	8.5		48	43	38.5	37	34.8	29.9	28	26	16	5.8

GDPM JET PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.This serial pumps shall be installed above ground with the ejector submerged in water to gurantee functioning even when the static level of the well water falls as far as 50 meters below the level of the installed pump.So these pumps are extermely reliable,economical and simple to use and find many uses in domestic applications and the automatic distribution of water from samll and medium sized surge tanks,watering gardens,etc.In all cases where the suction depth exceeds the normal height (9m) for surface pumps.A retention valve shall always be installed on the jet body opening. It is advisable to installed on the pump delivery opening to ensure adequate counter pressure when working.Fill the pump body and pipes connecting the pump to the jet body with water before starting up.When drawing water from depths not exceeding 9 meters the jet body can be installed directly onto the pump body.In this case,when first starting up to fill the pump body with water,it is no need to fill the susction pping.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

GDPM255/370

GDPM505

Flow rate up to 42 L/min (2.5m³/h)

Head up to 80 m

Liquid Type: Clean water
Typology:Surface
Family:Self-priming

Application Limits

Manometric suction lift up to 50 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Pump Body: Cast iron.
Ejector Body:Cast iron.
Impeller: PPO.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor:With condenser and thermal overload protector built into the winding.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Discharge Head m / Suction Depth m	10.0	15.0	20.0	30.0	35.0	40.0	50.0
	kW	HP	M	L/min	M³/H	Inch	M	kg		Rated Flow L/h						
GDPm 255	0.55	0.75	45	42	2.5	1¼"x1"	30	15	10.0	3000	2000	1000	600	-	-	-
									20.0	3000	1200	800	400	-	-	-
									30.0	700	300	400	200	-	-	-
GDPm 370	0.75	1	50	42	2.5	1¼"x1"	40	18	20.0	2500	1500	1100	-	-	900	-
									30.0	1000	800	1000	-	-	800	-
									40.0	500	200	700	-	-	200	-
GDPm 505	1.1	1.5	80	42	2.5	1¼"x1"	50	30	20.0	4000	3300	2000		1300	1100	900
									30.0	3000	2100	1800		1200	1000	800
									40.0	2000	1600	1600		1100	900	700
									50.0	1700	1500	1100		900	500	400

GP JET PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in transferring liquids and for the irrrigating applications.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

GPXX11

GPXX21

GPXX31

GPXX41

GPXX51

GPXX61

Flow rate up to 60 L/min (3.6 m³/h)

Head up to 47 m

Liquid Type: Clean water
Typology:Surface
Family:Self-priming

Application Limits

Liquid temperature up to +40℃
Ambient temperature up to +40℃

Construction

Impeller: Brass.
Motor Shaft: 304 stainless steel shaft .
Electric Motor:Closed,extremally ventilated.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Q (m³/h)	0.0	0.3	0.9	1.2	1.8	2.1	2.7	3.0	3.3
	kW	HP	m	L/min	m³/h	Inch	m	kg	Q (L/min)	0.0	5.0	15.0	20.0	30.0	35.0	45	50.0	55
GP6011	0.6	0.8	35	50	3	1"	8	7		35	34	29	26	19	16	5	2	-
GP8011	0.8	1.1	40	53	3.2	1"	8	7.3		40	38	33	31	24	20	10	5	-
GP10011	1	1.35	44	57	3.4	1"	8	7.6		44	42	38	32	29	25	15	11	4
GP12011	1.2	1.6	47	60	3.6	1"	8	8		47	45	41	39	33	30	21	17	10
GP6021	0.6	0.8	35	50	3	1"	8	7		35	34	29	26	19	16	5	2	-
GP8021	0.8	1.1	40	53	3.2	1"	8	7.3		40	38	33	31	24	20	10	5	-
GP10021	1	1.35	44	57	3.4	1"	8	7.6		44	42	38	32	29	25	15	11	4
GP12021	1.2	1.6	47	60	3.6	1"	8	8		47	45	41	39	33	30	21	17	10
GP6031	0.6	0.8	35	50	3	1"	8	7		35	34	29	26	19	16	5	2	-
GP8031	0.8	1.1	40	53	3.2	1"	8	7.3		40	38	33	31	24	20	10	5	-
GP10031	1	1.35	44	57	3.4	1"	8	7.6	H(m)	44	42	38	32	29	25	15	11	4
GP12031	1.2	1.6	47	60	3.6	1"	8	8		47	45	41	39	33	30	21	17	10
GP6041	0.6	0.8	35	50	3	1"	8	7		35	34	29	26	19	16	5	2	-
GP8041	0.8	1.1	40	53	3.2	1"	8	7.3		40	38	33	31	24	20	10	5	-
GP10041	1	1.35	44	57	3.4	1"	8	7.6		44	42	38	32	29	25	15	11	4
GP12041	1.2	1.6	47	60	3.6	1"	8	8		47	45	41	39	33	30	21	17	10
GP6051	0.6	0.8	35	50	3	1"	8	7		35	34	29	26	19	16	5	5	-
GP8051	0.8	1.1	40	53	3.2	1"	8	7.3		40	38	33	31	24	20	10	5	-
GP10051	1	1.35	44	57	3.4	1"	8	7.6		44	42	38	32	29	25	15	11	4
GP12051	1.2	1.6	47	60	3.6	1"	8	8		47	45	41	39	33	30	21	17	10
GP6061	0.6	0.8	35	50	3	1"	8	7		35	34	29	26	19	16	5	2	-
GP8061	0.8	1.1	40	53	3.2	1"	8	7.3		40	38	33	31	24	20	10	5	-
GP10061	1	1.35	44	57	3.4	1"	8	7.6		44	42	38	32	29	25	15	11	4
GP12061	1.2	1.6	47	60	3.6	1"	8	8		47	45	41	39	33	30	21	17	10

AUTO PUMP STATION

AUTO QB60

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. AUTO series surface pumps are equipped with a pressure tank. As a result of their reliability and the fact that they are easy to use and are economical, these pumps are suitable for domestic and industrial applications. The pressure tank also has water storage function, and the water pump can automatically start and stop, which is very convenient for operation. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to **100L/min (6 m³/h)**

Head up to **82 m**

Liquid Type: Clean water
Typology:Surface
Family:AUTO pumps

Application Limits

Manometric suction lift up to 9 m
Liquid temperature up to +40°C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron/Stainless steel/Plastic.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Insulation: Class B.
Protection: IP 44.

AUTO 5CPm100

AUTO JSWm37

AUTO JSWm-N

HOUSEHOLD INDUSTRY MUNICIPAL

* Version K1

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5	10	15	20	25	30	35	40	50
AUTOQB60	0.37	0.5	36	33	2	1"x1"	8	10	24L	H(m)	36	30.7	24.8	19.3	14.8	8.5	2.5	-	-	-
AUTOQB70	0.55	0.75	48	50	3	1"x1"	8	12.8	24L		48	46	40.7	34.9	29.6	24.4	19.7	15.2	11	7.3
AUTOQB80	0.75	1	60	58	3.5	1"x1"	8	14.4	24L		60	55.7	50.2	44.1	37	28.7	26.7	23.8	19.3	9.7

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.7
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5	10	15	20	25	28
AUTOQB60G	0.37	0.5	32	28	1.7	1"x1"	8	10	24L	H(m)	32	27.2	21.8	16	10.5	5.2	2.3

Model	Power		Max head	Max.flow		Size	N/W	Tank Size	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6
	kW	HP	m	L/min	m³/h	Inch	kg		Q (L/min)	0	8.3	16.7	25	33.3	41.7	50	58.3	66.7	75	83.3	100
AUT03CPm100	0.6	0.8	32	92	5.5	1"x1"	15.4	24L	H(m)	32	30.4	28.8	27.1	25.4	23.4	21.5	19.1	16.6	13.6	10.5	-
AUT04CPm100	0.75	1	42	100	6	1"x1"	16.2	24L		42	39.7	37.9	35.9	33.2	30.5	28	25.2	21.6	17.6	13.5	4.9
AUT05CPm100	0.9	1.2	53	100	6	1"x1"	17.1	24L		53	48.4	46	43.5	41.1	38.1	34.9	31.2	26.8	22.3	17.3	10

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.9	1.2	1.5	2.4	3	3.6	4
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5	15	20	25	40	50	60	67
AUTOJSWm37	0.37	0.5	32	50	3	1"x1"	8	14.6	24L	H(m)	32	28.5	22.8	20.4	18.2	13.2	-	-	-
AUTOJSWm55	0.55	0.75	42	60	3.6	1"x1"	8	19.8	24L		42	38.5	31	28.7	26.8	10.9	-	-	-
AUTOJSWm75	0.75	1	48	67	4	1"x1"	8	21.5	24L		48	45.2	40.6	39	37.5	31.5	27.8	18	10.2
AUTOJSWm110	1.1	1.5	52	67	4	1"x1"	9	21.7	24L		52	49.6	46	44	41.7	36.1	31.9	23	15.6

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.9	1.2	1.5	2.4	3.0	3.6	4
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5.0	15.0	20.0	25.0	40.0	50.0	60.0	67
AUTOJSWm37N	0.37	0.5	32	50	3	1"x1"	9	12.5	24L	H(m)	32	28.5	22.8	20.4	18.2	13.2	4.2	-	-
AUTOJSWm55N	0.55	0.75	42	60	3.6	1"x1"	9	18	24L		42	38.5	31	28.7	26.8	15.2	8.2	1.6	-
AUTOJSWm75N	0.75	1	46	67	4	1"x1"	9	19.5	24L		46	44.5	40.6	39	37.5	31.5	27.8	18	14
AUTOJSWm110N	1.1	1.5	52	67	4	1"x1"	9	20.5	24L		52	49.6	46	44	41.7	36.1	31.9	23	18.3

SURFACE PUMP

AUTO PUMP STATION

AUTO GJSm

AUTOCTT

AUTO GDPM

AUTO JSPM

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.1	3	3.6	4.5
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5	10	15	20	30	35	50	60	75
AUTOGJSm400S1	0.4	0.5	30	50	3	1"x1"	8	10.1	24L	H(m)	30	26.7	24	21.8	19	15.8	14.2	6	-	-
AUTOGJSm600S1	0.6	0.8	35	50	3	1"x1"	8	10.6	24L		35	30.3	27.8	25.4	23.1	18.8	17	8	-	-
AUTOGJSm800L1	0.8	1.1	42	60	3.6	1"x1"	9	12.9	24L		42	40	36.3	34	30.5	26.1	24.2	15.1	6	-
AUTOGJSm1100L1	1.1	1.5	48	60	3.6	1"x1"	9	14	24L		48	43.1	40.2	37.2	35	30	27.2	15	9	-
AUTOGJSm1500L1	1.5	2	55	67	4	1"x1"	9	15.4	24L		55	50.4	47.2	44	40.7	35.4	33.3	27.3	16	10

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.8	5	5.4
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	10	20	30	40	50	60	80	83.3	90
AUTOCTT3-50	1.1	1.5	55.2	90	5.4	1.25"x1.25"	9	33.7	19L	H(m)	55.2	52.4	50.1	47.8	40.9	35.2	27.8	16	10	5.2

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Discharge Head / Suction Depth m	10.0	15.0	20.0	30.0
	kW	HP	m	L/min	m³/h	Inch	m	kg			Rated Flow L/h			
AUTOGDPm255	0.55	0.75	46	28	1.68	1"x1"	8	20.5	24L	10.0	3000	2000	1000	600
										20.0	3000	1200	800	400
										30.0	700	300	400	200

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Discharge Head / Suction Depth m	10.0	15.0	20.0	40.0
	kW	HP	m	L/min	m³/h	Inch	m	kg			Rated Flow L/h			
AUTOGDPm370	0.75	1.0	48	28	1.68	1"x1"	8	19.0	24L	20.0	2500	1500	1100	900
										30.0	1000	800	1000	800
										40.0	500	200	700	200

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Discharge Head / Suction Depth m	10	15	20	35	40	50
	kW	HP	m	L/min	m³/h	Inch	m	kg			Rated Flow L/h					
AUTOGDPm505	1.1	1.5	82	32	19.2	1"x1"	8	31.5	24L	20.0	4000	3300	2000	1300	1100	900
										30.0	3000	2100	1800	1200	1000	800
										40.0	2000	1600	1600	1100	900	700
										50.0	1700	1500	1100	900	500	400

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.1	2.4	3.0	3.6
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5	10	15	20	30	35	40	50	60
AUTOJSPm600	0.6	0.8	35	50	3	1"x1"	8	11.3	19L	H(m)	35	31.4	27.9	24.5	21.7	16.7	14.6	13.3	7.5	-
AUTOJSPm800	0.8	1.1	42	60	3.6	1"x1"	8	12.5	19L		42	38.5	34.5	32.1	30	26.5	24.8	23.3	18.5	6.6
AUTOJSPm1000	1	1.5	48	60	3.6	1"x1"	8	13.8	19L		48	43	38.5	37	34.8	29.9	28	26	16	5.8

AUTO PUMP STATION

AUTO JSWm37A

AUTO GJSm-A

AUTO GDPm-A

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.9	1.2	1.5	2.4	3	3.6	4
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5	15	20	25	40	50	60	67
AUTOJSWm37A	0.37	0.5	32	50	3	1"x1"	8	14.6	24L	H(m)	32	28.5	22.8	20.4	18.2	13.2	-	-	-
AUTOJSWm55A	0.55	0.75	42	60	3.6	1"x1"	8	19.8	24L		42	38.5	31	28.7	26.8	10.9	-	-	-
AUTOJSWm75A	0.75	1	48	67	4	1"x1"	8	21.5	24L		48	45.2	40.6	39	37.5	31.5	27.8	18	10.2
AUTOJSWm110A	1.1	1.5	52	67	4	1"x1"	9	21.7	24L		52	49.6	46	44	41.7	36.1	31.9	23	15.6

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.1	3	3.6	4.5
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5	10	15	20	30	35	50	60	75
AUTOGJSm400S1A	0.4	0.5	30	50	3	1"x1"	8	9.8	24L	H(m)	30	26.7	24	21.8	19	15.8	14.2	6	-	-
AUTOGJSm600S1A	0.6	0.8	35	50	3	1"x1"	8	10.3	24L		35	30.3	27.8	25.4	23.1	18.8	17	8	-	-
AUTOGJSm800L1A	0.8	1.1	42	60	3.6	1"x1"	9	12.6	24L		42	40	36.3	34	30.5	26.1	24.2	15.1	6	-
AUTOGJSm1100L1A	1.1	1.5	48	60	3.6	1"x1"	9	13.7	24L		48	43.1	40.2	37.2	35	30	27.2	15	9	-
AUTOGJSm1500L1A	1.5	2	55	67	4	1"x1"	9	15.1	24L		55	50.4	47.2	44	40.7	35.4	33.3	27.3	16	10

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Discharge Head m / Suction Depth m	10.0	15.0	20.0	30.0
	kW	HP	m	L/min	m³/h	Inch	m	kg			Rated Flow L/h			
AUTOGDPm255A	0.55	0.75	46	28	1.68	1"x1"	8	20.5	24L	10.0	3000	2000	1000	600
										20.0	3000	1200	800	400
										30.0	700	300	400	200

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Discharge Head m / Suction Depth m	10.0	15.0	20.0	40.0
	kW	HP	m	L/min	m³/h	Inch	m	kg			Rated Flow L/h			
AUTOGDPm370A	0.75	1.0	48	28	1.68	1"x1"	8	19.0	24L	20.0	2500	1500	1100	900
										30.0	1000	800	1000	800
										40.0	500	200	700	200

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Discharge Head m / Suction Depth m	10	15	20	35	40	50
	kW	HP	M	L/min	M³/H	Inch	M	kg			Rated Flow L/h					
AUTOGDPm505A	1.1	1.5	82	32	19.2	1"x1"	8	31.5	24L	20.0	4000	3300	2000	1300	1100	900
										30.0	3000	2100	1800	1200	1000	800
										40.0	2000	1600	1600	1100	900	700
										50.0	1700	1500	1100	900	500	400

AUTOGP PUMP STATION

AUTOxx11

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. AUTOGP series surface pumps are equipped with a pressure tank. As a result of their reliability and the fact that they are easy to use and are economical, these pumps are suitable for domestic and industrial applications. The pressure tank also has water storage function, and the water pump can automatically start and stop, which is very convenient for operation. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to **60L/min (3.6 m³/h)**

Head up to **47 m**

Liquid Type: Clean water
Typology:Surface
Family:AUTO pumps

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40°C
Ambient temperature up to +40 °C

AUTOxx21

AUTOxx41

AUTOxx51

Construction

Pump Body: Cast iron/Stainless steel/Plastic.
Impeller: Brass.
Motor Shaft: 304 stainless steel shaft.
Insulation: Class B.
Protection: IP 44.

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow		Size	Suct.Max.	N/W	Tank Size	Q (m³/h)	0	0.3	0.9	1.2	1.8	2.1	2.7	3.0	3.3
	kW	HP	m	L/min	m³/h	Inch	m	kg		Q (L/min)	0	5.0	15.0	20.0	30.0	35.0	45	50.0	55
AUTOGP6011	0.6	0.8	35	50	3	1"	8	7	19L	H(m)	35	34	29	26	19	16	5	2	-
AUTOGP8011	0.8	1.1	40	53	3.2	1"	8	7.3	19L		40	38	33	31	24	20	10	5	-
AUTOGP10011	1	1.35	44	57	3.4	1"	8	7.6	19L		44	42	38	32	29	25	15	11	4
AUTOGP12011	1.2	1.6	47	60	3.6	1"	8	8	19L		47	45	41	39	33	30	21	17	10
AUTOGP6021	0.6	0.8	35	50	3	1"	8	7	19L		35	34	29	26	19	16	5	2	-
AUTOGP8021	0.8	1.1	40	53	3.2	1"	8	7.3	19L		40	38	33	31	24	20	10	5	-
AUTOGP10021	1	1.35	44	57	3.4	1"	8	7.6	19L		44	42	38	32	29	25	15	11	4
AUTOGP12021	1.2	1.6	47	60	3.6	1"	8	8	19L		47	45	41	39	33	30	21	17	10
AUTOGP6041	0.6	0.8	35	50	3	1"	8	7	19L		35	34	29	26	19	16	5	2	-
AUTOGP8041	0.8	1.1	40	53	3.2	1"	8	7.3	19L		40	38	33	31	24	20	10	5	-
AUTOGP10041	1	1.35	44	57	3.4	1"	8	7.6	19L		44	42	38	32	29	25	15	11	4
AUTOGP12041	1.2	1.6	47	60	3.6	1"	8	8	19L		47	45	41	39	33	30	21	17	10
AUTOGP6051	0.6	0.8	35	50	3	1"	8	7	19L		35	34	29	26	19	16	5	2	-
AUTOGP8051	0.8	1.1	40	53	3.2	1"	8	7.3	19L		40	38	33	31	24	20	10	5	-
AUTOGP10051	1	1.35	44	57	3.4	1"	8	7.6	19L		44	42	38	32	29	25	15	11	4
AUTOGP12051	1.2	1.6	47	60	3.6	1"	8	8	19L		47	45	41	39	33	30	21	17	10

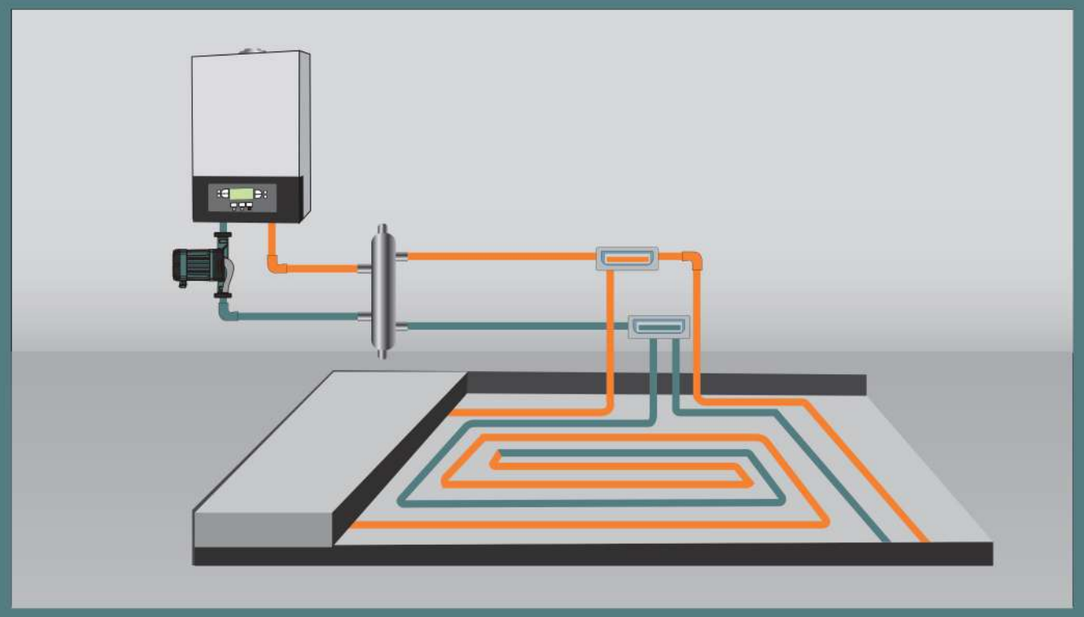
CIRCULATIONPUMP FORHOT WATER

The circulation pump classification includes various circulation pumps, booster pumps. The circulation pump is mainly made of cast iron. This series of pumps have the following advantages: No water leakage, low noise, long life, less power consumption,small size and light weight, low water quality requirement and so on.

HOUSEHOLD | FLOOR HEATING | HOT WATER

Application

Circulation pump is a water pump that can circulate water. The circulation pump is suitable for clean, free from solids and mineral oils, non- toxic, chemically neutral, close to the characteristics of water. It is widely used in liquid circulation in heating and air conditioning systems.



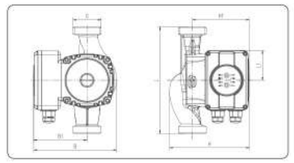
CIRCULATION PUMP

BOOSTER PUMP

GEA CIRCULATION PUMP

Applications Fields

GEA pumps are high- efficiency circulations, designed for circulation of liquids in heating and air- conditioning systems. Pumps with bronze or stainless steel housings are also suitable for use in hot- water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.



Max.Flow: 7 m³/h **Max.Head:** 12 m

Constant speed mode - three speed
Constant pressure mode
Proportional pressure mode
Automatic mode
Low noise
No leakage
Energy efficiency:Class A

Application Limits

Liquid temperature: + 2℃ ~ + 110℃
Maximum ambient temperature: + 40℃
Maximum system pressure 10 bar
Protection level: IP44
Mains connection: 220V/ 50Hz
Pumped liquid characteristics:
Clean, free from solids and mineral oils, non- toxic, chemically neutral, close to the characteristics of water
Installation: The motor shaft must be kept in horizontal direction
PH: 6.5 to 8.5

HOUSEHOLD FLOOR HEATING HOT WATER

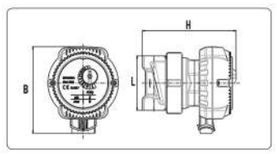
*: "U" means Copper pump head

Model	Power	Max head	Max.flow		Size	Dimension(mm)			N/W
	W	m	L/min	m³/h	Inch	L	B	H	kg
GEA20-4-130(U)	22	4	30	1.8	1"	130	98	129	2.1
GEA20-6-130(U)	45	6	40	2.4	1"	130	98	129	2.1
GEA25-4-130(U)	22	4	43	2.6	1½"	130	98	129	2.2
GEA25-5-130(U)	32	5	52	3.1	1½"	130	98	129	2.2
GEA25-6-130(U)	45	6	60	3.6	1½"	130	98	129	2.2
GEA25-4-180(U)	22	4	43	2.6	1½"	180	98	129	2.3
GEA25-5-180(U)	32	5	52	3.1	1½"	180	98	129	2.3
GEA25-6-180(U)	45	6	60	3.6	1½"	180	98	129	2.3
GEA25-10-180	140	10	112	6.7	1½"	180	140	134	3.3
GEA25-12-180	140	12	112	6.7	1½"	180	140	134	3.3
GEA32-4-180	22	4	52	3.1	2"	180	98	129	2.4
GEA32-6-180	45	6	60	3.6	2"	180	98	129	2.4
GEA25-8-180	130	8	112	6.7	1½"	180	140	134	3.3
GEA32-8-180(U)	130	10	117	7	2"	180	140	134	3.4
GEA32-10-180(U)	140	10	117	7	2"	180	140	134	3.4
GEA32-12-180(U)	140	12	117	7	2"	180	140	134	3.4

GEB CIRCULATION PUMP

Applications Fields

GEB pumps are high-efficiency circulations,designed for circulation of liquids in heating and air-conditioning systems.Pumps with bronze or stainless steel housings are also suitable for use in hot-water service systems.Examples of typical applications are mix water underfloor heating system,air energy hot water circulation system,solar hot water circulation system and industrial circulation system,etc.



Max.Flow: 8.8 m³/h **Max.Head:** 10 m

Constant speed mode - three speed
Constant pressure mode
Proportional pressure mode
Automatic mode
Low noise
No leakage
Energy efficiency:Class A

Application Limits

Liquid temperature:+2℃~+110℃
Maximum ambient temperature: +40℃
Maximum system pressure 10 bar
Protection level:IP44
Mains connection:220V/50Hz
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemicaly neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

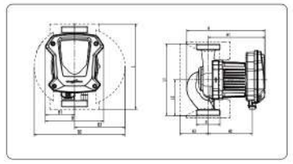
HOUSEHOLD FLOOR HEATING HOT WATER

Model	Power	Max head	Max.flow		Size	Dimension(mm)			N/W
	W	m	L/min	m³/h	Inch	L	B	H	kg
GEB12/1.2	9	1.1	10	0.6	1/2"	72	103.5	113	1.1

GEB CIRCULATION PUMP NEW

Applications Fields

GEB25/32 shielded pump, used in single pipe system, double pipe system, floor heating water circulation system, etc., with PWM control optional, with the advantages of high comfort, low noise, low energy consumption, etc.



Max.Flow: 8.8 m³/h **Max.Head:** 10 m

Constant speed mode - three speed
Constant pressure mode
Proportional pressure mode
Automatic mode
Low noise
No leakage
Energy efficiency:Class A

Application Limits

Liquid temperature:+2℃~+110℃
Maximum ambient temperature: +40℃
Maximum system pressure 10 bar
Protection level:IP44
Mains connection:220V/50Hz
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

HOUSEHOLD FLOOR HEATING HOT WATER

*: Communication interface: optional with PWM control
*: N — Pump head material: stainless steel

Model	Rated voltage(V)	Power frequency	Input power	Max. Current	Max. flow (m³/h)	Max. head (m)	Max. perssure	Port-to-port l. (mm)	G.W (kg)	N.W (kg)	Outer box L × W × H(mm)
GEB25-4-180(N)	1 x 230V	50 / 60 Hz	9 .. 56 W	0.09 .. 0.45 A	6.2	4	10 bar	180	4.7	3.7	230×220×295
GEB25-6-180(N)	1 x 230V	50 / 60 Hz	9 .. 92 W	0.09 .. 0.74 A	7.5	6	10 bar	180	4.7	3.7	230×220×295
GEB25-8-180(N)	1 x 230V	50 / 60 Hz	9 .. 128 W	0.09 .. 1.03 A	8.5	8	10 bar	180	4.7	3.7	230×220×295
GEB25-10-180(N)	1 x 230V	50 / 60 Hz	9 .. 176 W	0.09 .. 1.42 A	9.4	10	10 bar	180	4.7	3.7	230×220×295
GEB25-12-180(N)	1 x 230V	50 / 60 Hz	8 .. 188 W	0.08 .. 1.51 A	9.7	12	10 bar	180	4.7	3.7	230×220×295
GEB32-4-180(N)	1 x 230V	50 / 60 Hz	9 .. 73 W	0.09 .. 0.59 A	7.7	4	10 bar	180	4.7	3.7	230×220×295
GEB32-6-180(N)	1 x 230V	50 / 60 Hz	9 .. 111 W	0.09 .. 0.9 A	9.1	6	10 bar	180	4.7	3.7	230×220×295
GEB32-8-180(N)	1 x 230V	50 / 60 Hz	9 .. 151 W	0.09 .. 1.22 A	10.1	8	10 bar	180	4.7	3.7	230×220×295
GEB32-10-180(N)	1 x 230V	50 / 60 Hz	8 .. 175 W	0.08 .. 1.41 A	10.5	10	10 bar	180	4.7	3.7	230×220×295
GEB32-12-180(N)	1 x 230V	50 / 60 Hz	8 .. 188 W	0.08 .. 1.51 A	9.7	12	10 bar	180	4.7	3.7	230×220×295
GEB32-4-220F(N)	1 x 230V	50 / 60 Hz	9 .. 73 W	0.09 .. 0.59 A	7.7	4	10 bar	220	7.5	6.5	240×220×320
GEB32-6-220F(N)	1 x 230V	50 / 60 Hz	9 .. 111 W	0.09 .. 0.9 A	9.1	6	10 bar	220	7.5	6.5	240×220×320
GEB32-8-220F(N)	1 x 230V	50 / 60 Hz	9 .. 151 W	0.09 .. 1.22 A	10.1	8	10 bar	220	7.5	6.5	240×220×320
GEB32-10-220F(N)	1 x 230V	50 / 60 Hz	8 .. 175 W	0.08 .. 1.41 A	10.5	10	10 bar	220	7.5	6.5	240×220×320

GEM CIRCULATION PUMP NEW

Applications Fields

GEM serial are intelligent efficiency circulation pump. Equipped with permanent magnet motor and intelligent pressure control system.It adopts canned structure,
The motor stator is completely canned, the rotating parts are immersed in the conveying liquid,the liquid plays the role of cooling the motor and lubricating the bearings. The product has the characteristics suchas no leakage, super quiet, energy saving , high efficiency, frequency control, easy operation,ect.

Energy saving

High efficiency

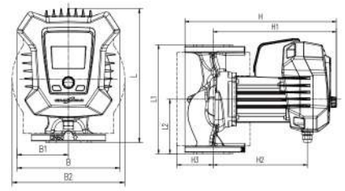
A energy efficiency

Max.Flow: 63 m³/h **Max.Head:** 18 m

Permanent magnet motor intelligent frequency control
Proportional pressure mode
Constant pressure mode
Constant speed mode
Low noise
No leakage
Energy efficiency:Class A

Application Limits

Ambient temperature: 0~40℃;
Ambient humidity: <95%;
Liquid temperature: 2℃~110℃;
Maximum system pressure 10 bar;
Liquid material: non-corrosive, non-explosive liquid, no solid particles, fiber and mineral oil;
Use requirements: Running can not no more than 10s without water.



GEM CIRCULATION PUMP

*: Communication interface: optional with PWM control
*: N — Pump head material: stainless steel

Model	Rated voltage(V)	Power frequency	Input power	Max. Current	Max. flow (m³/h)	Max. head (m)	Max. perssure	Port-to-port l. (mm)	G.W (kg)	N.W (kg)	Outer box L × W × H(mm)
GEM25-40 180(N)	1 x 230V	50 / 60 Hz	9 .. 56 W	0.09 .. 0.45 A	6.2	4	10 bar	180	4.7	3.7	230×220×295
GEM25-60 180(N)	1 x 230V	50 / 60 Hz	9 .. 92 W	0.09 .. 0.74 A	7.5	6	10 bar	180	4.7	3.7	230×220×295
GEM25-80 180(N)	1 x 230V	50 / 60 Hz	9 .. 128 W	0.09 .. 1.03 A	8.5	8	10 bar	180	4.7	3.7	230×220×295
GEM25-100 180(N)	1 x 230V	50 / 60 Hz	9 .. 176 W	0.09 .. 1.42 A	9.4	10	10 bar	180	4.7	3.7	230×220×295
GEM25-120 180(N)	1 x 230V	50 / 60 Hz	8 .. 188 W	0.08 .. 1.51 A	9.7	12	10 bar	180	4.7	3.7	230×220×295
GEM32-40 180(N)	1 x 230V	50 / 60 Hz	9 .. 73 W	0.09 .. 0.59 A	7.7	4	10 bar	180	4.7	3.7	230×220×295
GEM32-60 180(N)	1 x 230V	50 / 60 Hz	9 .. 111 W	0.09 .. 0.9 A	9.1	6	10 bar	180	4.7	3.7	230×220×295
GEM32-80 180(N)	1 x 230V	50 / 60 Hz	9 .. 151 W	0.09 .. 1.22 A	10.1	8	10 bar	180	4.7	3.7	230×220×295
GEM32-100 180(N)	1 x 230V	50 / 60 Hz	8 .. 175 W	0.08 .. 1.41 A	10.5	10	10 bar	180	4.7	3.7	230×220×295
GEM32-120 180(N)	1 x 230V	50 / 60 Hz	8 .. 188 W	0.08 .. 1.51 A	9.7	12	10 bar	180	4.7	3.7	230×220×295
GEM32-40F 220(N)	1 x 230V	50 / 60 Hz	9 .. 73 W	0.09 .. 0.59 A	7.7	4	10 bar	220	7.5	6.5	240×220×320
GEM32-60F 220(N)	1 x 230V	50 / 60 Hz	9 .. 111 W	0.09 .. 0.9 A	9.1	6	10 bar	220	7.5	6.5	240×220×320
GEM32-80F 220(N)	1 x 230V	50 / 60 Hz	9 .. 151 W	0.09 .. 1.22 A	10.1	8	10 bar	220	7.5	6.5	240×220×320
GEM32-100F 220(N)	1 x 230V	50 / 60 Hz	8 .. 175 W	0.08 .. 1.41 A	10.5	10	10 bar	220	7.5	6.5	240×220×320

*: Communication interface: with Modbus communication
*: N — Pump head material: stainless steel

Model	Rated voltage(V)	Power frequency	Input power	Max. Current	Max. flow (m³/h)	Max. head (m)	Max. perssure	Perssure rating	G.W (kg)	N.W (kg)	Outer box L × W × H(mm)
GEM32-120F 220(N)	1 x 230V	50 / 60 Hz	15 .. 329 W	0.17 .. 1.48 A	11	12	10 bar	PN6/10	16.4	15.1	295×249×420
GEM40-80F 220(N)	1 x 230V	50 / 60 Hz	17 .. 267 W	0.19 .. 1.18 A	19	8	10 bar	PN6/10	17.5	16.2	295×249×423
GEM40-100F 220(N)	1 x 230V	50 / 60 Hz	17 .. 370 W	0.19 .. 1.65 A	22	10	10 bar	PN6/10	17.2	15.9	295×249×423
GEM40-120F 250(N)	1 x 230V	50 / 60 Hz	15. .. 463 W	0.18 .. 2.05 A	24	12	10 bar	PN6/10	17.2	15.9	310×249×423
GEM40-150F 250(N)	1 x 230V	50 / 60 Hz	16 .. 615 W	0.18 .. 2.71 A	26.2	15	10 bar	PN6/10	17.2	15.9	310×249×423
GEM40-180F 250(N)	1 x 230V	50 / 60 Hz	16 .. 615 W	0.22 .. 2.71 A	26.2	18	10 bar	PN6/10	17.2	15.9	310×249×423
GEM50-60F 240(N)	1 x 230V	50 / 60 Hz	21 .. 252 W	0.22 .. 1.15 A	24.5	6	10 bar	PN6/10	18.7	17.4	305×285×428
GEM50-80F 240(N)	1 x 230V	50 / 60 Hz	21 .. 331 W	0.22 .. 1.48 A	27	8	10 bar	PN6/10	18.7	17.4	305×285×428
GEM50-100F 280(N)	1 x 230V	50 / 60 Hz	21 .. 425 W	0.22 .. 1.9 A	30	10	10 bar	PN6/10	18.8	17.3	325×285×430
GEM50-120F 280(N)	1 x 230V	50 / 60 Hz	20 .. 533 W	0.22 .. 2.37 A	33	12	10 bar	PN6/10	19	17.5	325×285×430
GEM50-150F 280(N)	1 x 230V	50 / 60 Hz	22 .. 649 W	0.24 .. 2.87 A	35	15	10 bar	PN6/10	19.7	18.2	325×285×430
GEM50-180F 280(N)	1 x 230V	50 / 60 Hz	22 .. 769 W	0.24 .. 3.4 A	37.5	18	10 bar	PN6/10	19.7	18.2	325×285×430
GEM 65-40F 340(N)	1 x 230V	50 / 60 Hz	23 .. 190 W	0.24 .. 0.9 A	28.5	4	10 bar	PN6/10	22.2	20.4	355×303×440
GEM 65-60F 340(N)	1 x 230V	50 / 60 Hz	23 .. 365 W	0.24 .. 1.64 A	36	6	10 bar	PN6/10	22.2	20.4	355×303×440
GEM 65-80F 340(N)	1 x 230V	50 / 60 Hz	24 .. 476 W	0.26 .. 2.11 A	40	8	10 bar	PN6/10	23.1	21.3	355×303×440
GEM 65-100F 340(N)	1 x 230V	50 / 60 Hz	25 .. 619 W	0.26 .. 2.73 A	44	10	10 bar	PN6/10	23.1	21.3	355×303×440
GEM 65-120F 340(N)	1 x 230V	50 / 60 Hz	24 .. 774 W	0.26 .. 3.42 A	47	12	10 bar	PN6/10	23.1	21.3	355×303×440
GEM 65-150F 340(N)	1 x 230V	50 / 60 Hz	31 .. 1263 W	0.31 .. 5.53 A	56	15	10 bar	PN6/10	25.8	24	355×303×440
GEM 80-60F 360	1 x 230V	50 / 60 Hz	24 .. 533 W	0.24 .. 2.37 A	44	6	10 bar	PN6	28.3	26.5	365×363×467
GEM 80-80F 360	1 x 230V	50 / 60 Hz	26 .. 715 W	0.28 .. 3.14 A	49.5	8	10 bar	PN6	28.8	27	365×363×467
GEM 80-100F 360	1 x 230V	50 / 60 Hz	31 .. 1014 W	0.28 .. 3.15 A	55	10	10 bar	PN6	30.6	28.8	365×363×467
GEM 80-120F 360	1 x 230V	50 / 60 Hz	31 .. 1277 W	0.28 .. 3.16 A	60	12	10 bar	PN6	30	28.2	365×363×467
GEM 100-40F 450	1 x 230V	50 / 60 Hz	26 .. 521 W	0.28 .. 3.17 A	50	4	10 bar	PN6	35.7	33.9	410×393×487
GEM 100-60F 450	1 x 230V	50 / 60 Hz	26 .. 708 W	0.28 .. 3.18 A	56	6	10 bar	PN6	35.7	33.9	410×393×487
GEM 100-80F 450	1 x 230V	50 / 60 Hz	31 .. 1067 W	0.28 .. 3.19 A	66	8	10 bar	PN6	36.3	34.5	410×393×487
GEM 100-100F 450	1 x 230V	50 / 60 Hz	31 .. 1413 W	0.28 .. 3.20 A	68	10	10 bar	PN6	36.3	34.5	410×393×487
GEM 100-120F 450	1 x 230V	50 / 60 Hz	31 .. 1523 W	0.28 .. 3.21 A	68	12	10 bar	PN6	36.3	34.5	410×393×487

GS CIRCULATION PUMP

Applications Fields

GS pumps are designed for circulation of liquids in heating and air-conditioning systems. Pumps with bronze or stainless steel housings are also suitable for use in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.

Max.Flow: 9.6m³/h
Max.Head: 15 m

Canned moto
Low noise
No leakage

Application Limits

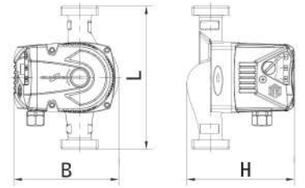
Liquid temperature:+2℃~+110℃
Maximum ambient temperature: +40℃
Maximum system pressure 10 bar
Protection level:IP44
Mains connection:220V/50Hz 220V/60Hz 127V/60Hz
Insulation class:F
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Placing request:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

Optional Available On Request

Products can be customized according to customer's voltage and frequency.
Cast iron is generally used,but copper or stainless steel is also used according to the needs of users


GS


GS-U



*: "U" means Copper pump head

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3
	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	8	17	25	33	42	50
GS15-4-130(U)	38/53/72	3/4/4.5	0.8/1.7/2.3	1"	130	132	135	2.5		5	4.7	4.1	3.5	2.1	1.3	
GS15-5-130(U)	46/67/81	3/4/5	1.2/2.1/2.7	1"	130	132	135	2.5		5.5	5	4.3	3.7	2.4	1.5	
GS15-6-130(U)	46/67/93	3/5/6	1.2/2.0/2.6	1"	130	132	135	2.5		6.1	5.4	4.6	3.8	3	2	
GS20-4-130	38/53/72	3/4/4.5	0.8/1.7/2.3	1¼"	130	132	135	2.4		5	4.7	4.1	3.5	2.4	1.3	
GS20-5-130	46/67/81	3/4/5	1.2/2.1/2.7	1¼"	130	132	135	2.6		5.5	5	4.3	3.7	2.4	1.5	
GS20-6-130	46/67/93	3/5/6	1.3/2.3/3.3	1¼"	130	132	135	2.6		6.1	5.5	5	4.2	3.5	2.7	1.7
GS25-4-130(U)	38/53/72	3/4/4.5	1.3/2.1/2.9	1½"	130	132	135	2.5		4.8	4.3	3.7	3.2	2.4	1.8	1.3
GS25-5-130(U)	46/67/81	3/4/5	1.2/2.4/3.1	1½"	130	132	135	2.6		5.5	5	4.3	3.7	2.4	1.5	
GS25-6-130(U)	46/67/93	3/5/6	1.3/2.3/3.3	1½"	130	132	135	2.6		6.2	5.4	4.9	4.1	3.5	2.6	1.8
GS25-4-180(U)	38/53/72	3/4/4.5	1.3/2.3/3.4	1½"	180	132	135	2.8		4.8	4.3	3.7	3.2	2.5	1.8	
GS25-5-180(U)	46/67/81	3/4/5	1.2/2.4/3.7	1½"	180	132	135	2.8		5.5	5	4.3	3.7	2.4	1.5	
GS25-6-180(U)	46/67/93	3/5/6	1.6/2.9/3.9	1½"	180	132	135	2.8		6.2	5.4	4.9	4.1	3.5	2.6	1.8
GS32-4-180	38/53/72	3/4/4.5	1.3/2.3/3.4	2"	180	132	135	2.7		4.8	4.3	3.7	3.2	2.5	1.8	
GS32-5-180	46/67/81	3/4/5	1.4/2.5/3.8	2"	180	132	135	2.9		5.5	5	4.3	3.7	2.4	1.5	
GS32-6-180	46/67/93	3/5/6	1.6/2.9/3.9	2"	180	132	135	2.9		6.3	5.5	5	4.2	3.5	2.6	1.9

H(m)

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	1	2	3	4	5	6	7	8	9
	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	17	33	50	67	83	100	117	133	150
GS25-8-180(U)	145/170/182	6.5/7.5/8	2.7/5.7/6.9	1½"	180	153	173	4.5		8.8	8.2	7.6	6.7	5.7	4.5	3.2	1.7		
GS32-8-180	150/210/270	6.5/7.5/8	2.5/6.2/9.6	2"	180	153	173	5.1		8.2	7.6	6.8	6.2	4.4	4.7	4	3.2	2.5	1.8

H(m)

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4
	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	8	17	25	33	42	50	58	67
GS20-12-180(U)	145/220/245	7/11/12	1.3/1.9/3.1	1"	180	166	161	4.6		12.6	11.5	10.3	8.8	7.2	5	2.5		
GS25-12-180	145/220/245	7/11/12	1.3/2.2/3.7	1½"	180	166	161	4.7		12.8	11.6	10.4	9	7.2	5.1	2.5		
GS25-15-180	150/210/270	10/13/15	1.7/2.8/4.1	1½"	180	166	161	5.5		14	13	12	10.8	9.5	8	6.2	4	1.7

H(m)

UP CIRCULATIONPUMP

Applications Fields

UP pumps are designed for air energy hot water circulation system, solar hot water circulation system, bolier heating system, pressurization of domestic tap water, industry hot or cold water circulation system, etc.

Max.Flow: 35 m³/h

Max.Head: 20 m

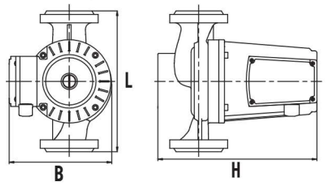
Wet rotor,canned motor,low noise,no leakage
Silicon carbide friction pair,which is very water-resisting

Application Limits

Liquid temperature:+2℃~+120℃
Maximum ambient temperature: +40℃
Maximum system pressure 10 bar
Protection level:IP44
Mains connection:220V/50Hz 220V/60Hz 127V/60Hz
Insulation class:F
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

Optional Available On Request

The import and export of UP series products has both pipe thread connection and partial flange connection, which can be selected according to needs. Cast iron is generally used, but copper or stainless steel is also used according to the needs of users



HOUSEHOLD FLOOR HEATING HOT WATER

*: "F" means Flange.

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3
	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	8	17	25	33	42	50
UPS15-4-130	38/53/72	3/4/4.5	0.8/1.7/2.3	1"	130	132	135	2.5		5	4.7	4.1	3.5	2.1	1.3	
UPS15-5-130	46/67/81	3/4/5	1.2/2.1/2.7	1"	130	132	135	2.5		5.5	5	4.3	3.7	2.4	1.5	
UPS15-6-130	46/67/93	3/5/6	1.2/2.0/2.6	1"	130	132	135	2.5		6.1	5.4	4.6	3.8	3	2	
UPS20-4-130	38/53/72	3/4/4.5	0.8/1.7/2.3	1¼"	130	132	135	2.4		5	4.7	4.1	3.5	2.4	1.3	
UPS20-5-130	46/67/81	3/4/5	1.2/2.1/2.7	1¼"	130	132	135	2.6		5.5	5	4.3	3.7	2.4	1.5	
UPS20-6-130	46/67/93	3/5/6	1.3/2.3/3.3	1¼"	130	132	135	2.6		6.1	5.5	5	4.2	3.5	2.7	1.7
UPS25-4-130	38/53/72	3/4/4.5	1.3/2.1/2.9	1½"	130	132	135	2.5		4.8	4.3	3.7	3.2	2.4	1.8	1.3
UPS25-5-130	46/67/81	3/4/5	1.2/2.4/3.1	1½"	130	132	135	2.6		5.5	5	4.3	3.7	2.4	1.5	
UPS25-6-130	46/67/93	3/5/6	1.3/2.3/3.3	1½"	130	132	135	2.6		6.2	5.4	4.9	4.1	3.5	2.6	1.8
UPS25-4-180	38/53/72	3/4/4.5	1.3/2.3/3.4	1½"	180	132	135	2.8		4.8	4.3	3.7	3.2	2.5	1.8	
UPS25-5-180	46/67/81	3/4/5	1.2/2.4/3.7	1½"	180	132	135	2.8		5.5	5	4.3	3.7	2.4	1.5	
UPS25-6-180	46/67/93	3/5/6	1.6/2.9/3.9	1½"	180	132	135	2.8		6.2	5.4	4.9	4.1	3.5	2.6	1.8
UPS32-4-130	38/53/72	3/4/4.5	1.3/2.3/3.4	1½"	180	132	135	2.8		4.8	4.3	3.7	3.2	2.5	1.8	
UPS32-5-130	46/67/81	3/4/5	1.2/2.4/3.7	1½"	180	132	135	2.8		5.5	5	4.3	3.7	2.4	1.5	
UPS32-6-130	46/67/93	3/5/6	1.6/2.9/3.9	1½"	180	132	135	2.8		6.2	5.4	4.9	4.1	3.5	2.6	1.8
UPS32-4-180	38/53/72	3/4/4.5	1.3/2.3/3.4	2"	180	132	135	2.7		4.8	4.3	3.7	3.2	2.5	1.8	
UPS32-5-180	46/67/81	3/4/5	1.4/2.5/3.8	2"	180	132	135	2.9		5.5	5	4.3	3.7	2.4	1.5	
UPS32-6-180	46/67/93	3/5/6	1.6/2.9/3.9	2"	180	132	135	2.9		6.3	5.5	5	4.2	3.5	2.6	1.9

H(m)

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	1	2	3	4	5	6	7	8	9
	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	17	33	50	67	83	100	117	133	150
UPS25-8-180	145/170/182	6.5/7.5/8	2.7/5.7/6.9	1½"	180	153	173	4.5		8.8	8.2	7.6	6.7	5.7	4.5	3.2	1.7		
UPS32-8-180	150/210/270	6.5/7.5/8	2.5/6.2/9.6	2"	180	153	173	5.1		8.2	7.6	6.8	6.2	4.4	4.7	4	3.2	2.5	1.8

H(m)

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4
	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	8	17	25	33	42	50	58	67
UPS20-12-180	145/220/245	7/11/12	1.3/1.9/3.1	1"	180	166	161	4.6		12.6	11.5	10.3	8.8	7.2	5	2.5		
UPS25-12-180	145/220/245	7/11/12	1.3/2.2/3.7	1½"	180	166	161	4.7		12.8	11.6	10.4	9	7.2	5.1	2.5		
UPS25-15-180	150/210/270	10/13/15	1.7/2.8/4.1	1½"	180	166	161	5.5		14	13	12	10.8	9.5	8	6.2	4	1.7

H(m)

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	1	2	3	4	5	6	7	8
Single-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	17	33	50	67	86	100	117	133
UPS32-8-200F	245/190/135	8/7/5	8/5.2/3.5	DN32	200	150	185	5.8		8	7.5	6.8	6.3	5.5	4.8	4	3	2.3

H(m)

CIRCULATION PUMP FOR HOT WATER

UP CIRCULATIONPUMP

HOUSEHOLD FLOOR HEATING HOT WATER

*: "F" means Flange.

Model		Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	2	4	6	8	10	12	14	16	18	20	24	28
Single-phase	Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	33	67	100	133	167	200	233	267	300	333	400	467
UP32-9-220F	/	300	11	8.8	DN32	220	167	234	9.3		11	9.4	7.6	5.3	2.6								
UP32-12-220F	/	500	12	8	DN32	220	167	234	9.3		12	10.7	9.3	7.5	5	2							
UP40-5-230F	/	300	5	14	DN40	230	167	250	9.5		5	4	3.6	3.1	2.5	1.7	1						
UP40-9-250F	UP40-9-250TF	500	9	14	DN40	250	200	255	14.5		9	8.9	8.6	8	6.6	5	3	1					
UP40-12-250F	UP40-12-250TF	700	12	14	DN40	250	215	265	18		12	11.8	11.6	10.8	9.2	7.3	5	2.5					
UP40-16-250F	UP40-16-250TF	1000	16	15	DN40	250	215	265	18		16	15.8	14.8	13.5	11.8	9.7	7.4	5					
UP40-18-250F	UP40-18-250TF	1300	18	15	DN40	250	215	280	18.5		18	17.8	17.5	16.5	15	13	10.4	7.4					
UP50-9-280F	UP50-9-280TF	700	9	18	DN50	280	215	280	19		9	8.9	8.8	8.6	7.7	6.6	5.5	4.3	3	1.6			
UP50-11-224F	/	400	11	10	DN50	224	163	253	11		11	10.6	9	7.6	5.6	3							
UP50-12-225F	/	550	12	12	DN50	225	160	253	14		12	11	10	8.8	7.2	5	2.2						
UP50-12-280F	UP50-12-280TF	1000	12	18.6	DN50	255	219	314	23		12	11.8	11.5	10.5	9.5	8.5	7.5	6.5	5.4	4	2.9		
UP50-16-280F	UP50-16-280TF	1300	16	22	DN50	280	215	280	20		16	15.8	15.7	15	14	13.2	12.2	11	10	8.7	7.2		
UP50-17-255F	/	750	17	23	DN50	280	215	280	21		17	16.2	14.8	13.5	12.2	10.8	9.2	7.7	5.7	3.4			
UP50-20-255F	/	1100	20	23	DN50	255	219	314	25		20	18.5	17.5	16.3	15	13.5	12.2	10.4	8.5	7.5	5		
UP65-9-300F	UP65-9-300TF	1000	9	30	DN65	300	215	290	23		9	8.9	8.8	8.7	8.6	8.5	8.5	7.9	7.3	6.5	5.9	4.3	2.5
UP65-9-340F	UP65-9-340TF	1000	9	30	DN65	340	215	300	33		9	8.9	8.8	8.7	8.6	8.5	8.5	7.9	7.3	6.5	5.9	4.3	2.5
UP65-12-300F	UP65-12-300TF	1300	12	30	DN65	300	215	290	24		12	11.9	11.8	11.7	11.6	11.4	11	10.5	10	9.5	8.8	7.5	5.8
UP80-10-360F	/	1000	10	32	DN80	360	247	320	20		10	9.6	9.4	9	8.8	8.5	8.3	7.7	7.3	7	6.5	5.5	4.4
UP80-12-360F	/	1300	12	35	DN80	360	247	345	24.4		12	11.8	11.6	11.5	11.4	11.2	11	10.8	10.5	10	9.5	8.3	7.2
/	UP80-12-360TF	1300	12	30	DN80	360	215	310	36.5		12	11.8	11.6	11.5	11.4	11.2	11	10.8	10.5	10	9.5	8.3	7.2

H(m)

UPS CIRCULATIONPUMP

UPS-Z

UPS-GREEN

UPS-F

Applications Fields

UPS pumps are recommended for circulation of liquids in heating and air conditioning systems. The pump is made of cast iron or copper for use in hot water systems. This pump is also typically used in urban apartments, suburban villas, residential water pressurization, liquid circulation of cooling systems and air conditioning systems, and solar water supply for boilers.

Max.Flow: 49 m³/h

Max.Head: 20 m

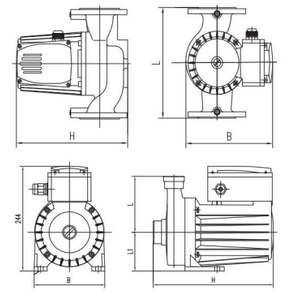
3-speed adjustment
Low noise
No leakage

Application Limits

Liquid temperature:+2℃~+120℃
Maximum ambient temperature: 0~40℃
Maximum system pressure 10 bar
Protection level:IP44
Mains connection: 3X220V/3X380V-50Hz
Insulation class:F
Pumped liquid characteristics:clean,free from solids Granule, fiber and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Placing request: the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

Optional Available On Request

Products can be customized according to customer's
Brass pump body, materials
Cast iron pump body



CIRCULATION PUMP FOR HOT WATER

UPS CIRCULATION PUMP

*: "F" means Flange.
*: "T" means three-phase.

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	2	4	6	8	10	12	14	16
Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	33	67	100	133	167	200	233	267
UPS25-16-230T	700/450/400	16/13/11	14.5/12/9.2	1.25"/1"	230	234	286	12.5	H(m)	16	15.2	14.1	12.8	10.8	8.3	5.3	1.6	/
UPS25-20-230T	1000/700/600	20/17/14	17/14/12.5	1.25"/1"	230	234	286	13.4		20	19.2	18.2	17	15.5	13.5	11	7.8	3.5

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	1	2	3	4	5	6	7	8
Single-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	17	33	50	67	86	100	117	133
UPS32-5-200F	145/135/95	5.2/4.1/2.6	4/2.5/1.6	DN32	200	150	185	5.2	H(m)	5.2	4.2	3.1	2.8	0.5	/	/	/	/
UPS32-8-200F	245/190/135	8/7/5	8/5.2/3.5	DN32	200	150	185	5.8		8	7.5	6.8	6.3	5.5	4.8	4	3	2.3
UPS40-3-215F	145/120/100	3/2.5/1.5	8/5.5/4.5	DN40	215	150	185	7.2		3	2.8	2.6	2.2	2	1.7	1.3	0.9	/

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	4	8	12	16	20	24	28	32
Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	67	133	200	267	333	400	467	533
UPS40-12-250TF	700/450/400	14.5/12.5/11	14/11.2/8	DN40	250	234	297	15.3	H(m)	14.5	13.2	10	4.2	/	/	/	/	/
UPS40-16-250TF	1000/700/600	16.2/15.5/14.5	17/14/12	DN40	250	234	297	16.9		16.2	15.3	13.5	9	2	/	/	/	/
UPS50-12-280TF	1000/700/600	13.2/11/10	24/18.5/13	DN50	280	242	304	17.5		13.2	12.6	11.2	9.4	6.8	3.6	0.2	/	/
UPS50-16-280TF	1300/1000/900	16.5/16/15	28/26/24	DN50	280	242	329	19.6		16.5	16	15.2	14.2	12.4	9.6	6	0.1	/
UPS50-20-280TF	1300/1000/900	20/17/16	24.5/22/18.5	DN50	280	242	329	19.8		20	19.2	16.8	15.7	12.4	8.6	0	/	/
UPS65-5-280TF	700/450/400	6.2/6/4.5	32/28/25.5	DN65	280	242	310	18		6.2	5.7	5.3	4.7	4	3.2	2.3	1.3	/
UPS65-8-280TF	700/450/400	8.2/6.7/5.5	35/28/25	DN65	280	242	310	18.2		8.2	8	7.5	6.9	6	5.2	4.2	3	1.7
UPS65-10-300TF	1000/700/600	10.2/8.8/7	38/34/30	DN65	300	242	310	19.7		10.3	9.8	9	8.2	7.4	6.3	5.3	4	2.5
UPS65-12-300TF	1300/1000/900	13.7/11/9.5	49/44/39	DN65	300	242	335	21.5		13.5	13	12.5	11.8	11	10	9.2	8	7

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	5	10	15	20	25	30	35	40
Three-phase	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	83	167	250	333	417	500	583	667
UPS80-10-300TF	1000/700/600	10/8/7	35/30/27	DN80	360	247	320	20	H(m)	10	9.5	8.5	7.5	6.5	5	3.5	2	/
UPS80-12-300TF	1300/1000/900	12.2/10/9.3	41.23/35/33	DN80	360	247	345	24.4		12	11.4	10.6	9.8	8.8	8	6.6	5	3.6

CPHB CIRCULATION PUMP

Applications Fields

CPHB pumps are designed for circulation of liquids in heating and air-conditioning systems. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in hot-water service systems. This pump is also often used in HVAC, air conditioning, industrial circulation system, hot water circulation system, solar energy and boiler hot water, domestic water pressure and other fields.

Max.Flow: 10 m³/h
Max.Head: 8 m

3-speed adjustment
Low noise
No leakage
Flange connection

Application Limits

Liquid temperature:+2℃~+100℃
Maximum ambient temperature: +40℃
Maximum system pressure 10 bar
Protection level:IP44
Mains connection:220V/50Hz
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

Optional Available On Request

Products can be customized according to customer's voltage and frequency.
Brass pump body,Cast iron pump body,stainless steel pump body.

Model	Power	Max head	Max.flow		Size	N/W	Q (m³/h)	0	1	2	3	4	5	6	7	8	9	10
	W	m	L/min	m³/h	Inch	kg	Q (L/min)	0	17	33	50	67	83	100	117	133	150	167
CPHB10-40F	160	5	100	6	40(1 1/2")	7	H(m)	5.4	5	4.5	4.1	3.5	2.9	2.1	1.3			
CPHB10-50F	160	5	133	8	50(2")	7.2		5.4	5	4.5	4.1	3.5	2.9	2.1	1.3			
CPHB12-40F	260	8	117	7	40(1 1/2")	7.7		8.05	7.6	7	6.4	5.7	5	4.2	3.3	2.4	1.4	0.18
CPHB12-50F	260	8	167	10	50(2")	7.5		8.05	7.6	7	6.4	5.7	5	4.2	3.3	2.4	1.4	0.18

CPHE CIRCULATION PUMP

Applications Fields

CPHE pumps are designed for circulation of liquids in heating and air-conditioning systems. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.

Max.Flow: 18 m³/h
Max.Head: 17 m

Easy install
High Motor efficiency
Copper wire motor

CPHE18/55/75/85

CPHE7/10/16

Application Limits

Liquid temperature:+2℃~+70℃
Maximum ambient temperature: +40℃
Maximum system pressure 6 bar
Protection level:IPX4/IP22
Mains connection:220V/50Hz 380V/50Hz
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

Model	Power	Max head	Max.flow	Size	N/W	Q (m³/h)	0	2	4	6	8	10	12	14	16	18
	W	m	m³/h	mm	kg	Q (L/min)	0	33	67	100	133	167	200	233	267	300
CPHE7-25F	70	4	3.6	25	5	H(m)	2.6	2.4								
CPHE10-25F	100	5	5.1	25	7		5.7	4.6								
CPHE16-40F	160	6	7.8	40	10.5		5.8	4.9	3.5	2						
CPHE18-50F	180	5	11.4	50	13.5		5	4.6	4.2	3.5	2.5					
CPHE55-50F	550	10.5	16.2	50	18		10	10	9.6	8.9	8.3	6.5	5.6			
CPHE75-50F	750	13.5	18	50	19		13.2	12.7	12.5	11.8	11.3	10.5	9.4	7.8	6.5	
CPHE85-50F	850	17	18	50	26		18.5	18.1	17.5	16.8	16	15	13.8	12	10.5	8.8

CPH CIRCULATION PUMP

Applications Fields

CPH pumps are designed for circulation of liquids in heating and air-conditioning systems. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.

Max.Flow: 20 m³/h
Max.Head: 32 m

Easy install
High Motor efficiency
Copper wire motor

CPH

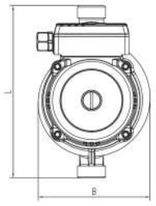
CPHS

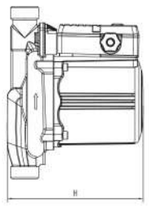
Application Limits

Liquid temperature:+2℃~+100℃
Maximum ambient temperature: +40℃
Maximum system pressure 6 bar
Protection level:IPX4/IP22
Mains connection:220V/50Hz 380V/50Hz
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

Model	Power	Max head	Rated head	Rated flow	Max.flow	Size	N/W	Q (m³/h)	0	2	4	6	8	10	12	14	16	18	20
	W	m	m	m³/h	m³/h	mm	kg	Q (L/min)	0	33	67	100	133	167	200	233	267	300	333
CPH7-25F	72	5	3	3.5	2	25(1")	6.5	H(m)	5	4									
CPH10-25F	95	6.5	5	5	3	25(1")	9.0		7	6.3	4.8								
CPH20-40F	200	11	8	8.5	4	40(1.5")	11		11	10.5	9.3	7.5	4.8						
CPH55-50F	550	15	10	14	8	DN50(2")	21		15	14.6	13.8	12.5	10.9	8.4	5.2				
CPH75-50F	750	18	12	16	9	DN50(2")	23		18	17.8	17.2	16.5	15.6	14.2	12.2	9.5	5		
CPH110-50F	1100	22	16	19	11	DN50(2")	25		22	21.6	21	20.3	19.5	18.5	17.4	16.1	14.5	12	
CPHS150-40F	1500	26	22	20	9	DN40(1.5")	38		26	25.2	24.2	23	21.6	20	18	15.4	12.2	8	
CPHS220-40F	2200	32	25	20	10	DN40(1.5")	40		32	30.8	29.4	27.8	26	24	21.8	18.8	15.5	11.5	6

ZP/ZPS BOOSTER PUMP





Applications Fields

For automatic pressurization of domestic tap water, solar system pressurization, hot or cold water pipeline pressurization, etc.

Max.Flow: 3.1 m³/h

Max.Head: 12 m

Automatic mode and manual mode is available
Low noise,no leakage
Flow switch automatic control

Application Limits

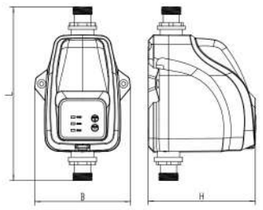
Liquid temperature:+2℃~+90℃
Maximum ambient temperature: +40℃
Maximum system pressure 10 bar
Protection level:IP44
Mains connection:220V/50Hz 220V/60Hz 127V/60Hz
Insulation class:H
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

Optional Available On Request

ZP/ZPS pumps are designed for circulation of liquids in heating and air-conditioning systems.
Products can be customized according to customer's voltage and frequency.
Brass pump body,enamel pump body,stainless steel pump body.

Model	Power	Max head	Max.flow		Size	Dimension(mm)			N/W
	W	m	L/min	m³/h	Inch	L	B	H	kg
ZP15-9-160	100	9	26.7	1.6	G3/4"	160	106	125	2.4
ZPS15-9-140	45/71/100	3/6/8.5	26.7	1.6	G3/4"	140	130	125	2.3
ZPS20-12-180	145/220/245	7/11/12	52	3.1	G1"	180	150	152	4.5

APB BOOSTER PUMP



Applications Fields

For automatic pressurization of domestic tap water, solar system pressurization, hot or cold water pipeline pressurization, etc.

Construction Characteristics

Impeller:Centrifugal impeller
Rotor:Wet rotor
Motor:Copper wire,Permanent magnet DC motor

Max.Flow: 16 L/min (0.96m³/h)

Max.Head: 12 m

Application Limits

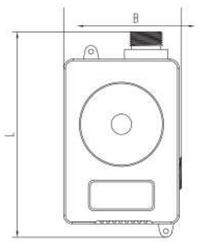
Liquid temperature:2℃~+90℃
Maximum system pressure 10 bar
Protection level:IP56
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water

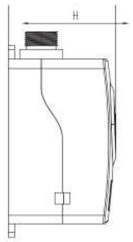
Optional Available On Request

APB pumps are booster pumps,As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in tap water pressurization.
Volume of palm mute pump is small and doesn't occupy space,and the use of the pump is very convenient and safe.
The pump has the function of a water flow switch, which can be automatically started or stopped according to water usage.

Model	Power	Max head	Max.flow		Size	Dimension(mm)			N/W
	W	m	L/min	m³/h	Inch	L	B	H	kg
APB24-10	55	10	14	0.84	1/2"	186	103	115	1.1
APB24-12	65	12	16	0.96	1/2"	186	103	115	1.1
APB24-10A	55	10	14	0.84	1/2"	186	103	115	1.1
APB24-12A	65	12	16	0.96	1/2"	186	103	115	1.1
APB24-10M	55	10	14	0.84	1/2"	186	103	115	1.1
APB24-12M	65	12	16	0.96	1/2"	186	103	115	1.1

APW BOOSTER PUMP





Applications Fields

For automatic pressurization of domestic tap water, solar system pressurization, hot or cold water pipeline pressurization, etc.

Construction Characteristics

Impeller: Centrifugal impeller
Rotor: Wet rotor
Motor: copper,Permanent magnet DC motor
Whole house pressurization

Max.Flow: 23.3 L/min (1.4m³/h)

Max.Head: 18 m

Application Limits

Liquid temperature: 2℃~+90℃
Maximum system pressure 10 bar
Protection level: IP56
Pumped liquid characteristics:clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water

Optional Available On Request

APW24 pumps are booster pumps, As a result of their reliability and the fact that they are easy to use, these pumps are widely used in the domestic place and particular in tap water pressurization.
Volume of palm mute pump is small and doesn't occupy space, and the use of the pump is very convenient and safe.
The pump has the function of a water flow switch, which can be automatically started or stopped according to water usage.

*: "M"means start pressure adjustment.

Model	Power	Max head	Max.flow		Size	Dimension(mm)			N/W
	W	m	L/min	m³/h	Inch	L	B	H	kg
APW24-12M	48	12	23.3	1.4	1/2"	168	96	88	0.9
APW24-15M	58	15	23.3	1.4	1/2"	168	96	88	0.9
APW24-18M	78	18	23.3	1.4	1/2"	168	96	88	0.9

X15 BOOSTER PUMP

Applications Fields

For automatic pressurization of domestic tap water, solar system pressurization, hot or cold water pipeline pressurization, etc.


X15 - B


X15R


X15 - A

Max.Flow: 32 L/min (1.92m³/h)

Max.Head: 18 m

Application Limits

Maximum ambient temperature: +40℃
Maximum system pressure 10 bar
Protection level: IP44
Mains connection: 220V/50Hz
Pumped liquid characteristics: clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water

Optional Available On Request

X15 pumps are designed for circulation of liquids in heating and air-conditioning systems.
Products can be customized according to customer's voltage and frequency.

CIRCULATION PUMP FOR HOT WATER

X15 BOOSTER PUMP

HOUSEHOLD · FLOOR HEATING · HOT WATER

Model	Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8
	W	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	5	10	15	20	25	30
X15-10A	90	0.12	10	20	1.2	G3/4"	2.05	H(m)	10	9	6.3	3.6	0.8	-	
X15-15A	120	0.16	15	25	1.5	G3/4"	3		15	14.5	12	9.5	7	5	2
X15R-10	90	0.12	10	20	1.2	G3/4"	2.2		10	9	6.3	3.6	0.8	-	-
X15R-15	120	0.16	15	25	1.5	G3/4"	3.3		15	14.5	12	9.5	7	5	2
X15R-18	260	0.35	18	32	1.92	G3/4"	3.8		18	15	12.5	10	7	4.6	2.2
X15-10B	90	0.12	10	20	1.2	G3/4"	2.35		10	9	6.3	3.6	0.8	-	-
X15-15B	120	0.16	15	25	1.5	G3/4"	3.5		15	14.5	12	9.5	7	5	2

ZPB BOOSTER PUMP

Applications Fields

For automatic pressurization of domestic tap water,automatic pressurization of high-rise residential water, solar hot water pressurization, etc.

Max.Flow: **78 L/min (4.68m³/h)** Max.Head: **20 m**

Pure copper motor
Low noise
Big flow
Flow switch automatic control

Application Limits

Liquid temperature: + 2℃ ~ + 90℃
Maximum ambient temperature: + 40℃
Maximum system pressure 10 bar
Protection level: IP44
Mains connection: 220V/ 50Hz
Insulation class: H
Pumped liquid characteristics: Clean, free from solids and mineral oils, non- toxic, chemically neutral, close to the characteristics of water
Installation: The motor shaft must be kept in horizontal direction
PH: 6.5 to 8.5

ZPB-099EA

ZPB-170EA

Optional Available On Request

ZPB pump is an automatic cold and hot water circulation pipeline pump designed for hot water pressurization. The product is equipped with water flow induction switch and two gear adjustment switch.

HOUSEHOLD · FLOOR HEATING · HOT WATER

Model	Power		Max head	Max.flow		Size	N/W	Q (m³/h)	0	0.5	1	1.5	2	2.5	3
	W	HP	m	L/min	m³/h	Inch	kg	Q (L/min)	0	8.33	16.7	25	33.3	41.7	50
ZPB-090EA	90	0.12	9.5	35	2.1	1/2"	3.7	H(m)	9.5	7.6	6.5	3	0.3	-	-
ZPB-168EA	180	0.24	15	55	3.3	1/2"	7.5		15	13.8	11.5	6	3.6	-	-
ZPB-099EA	90	0.1	9.5	35	2.1	1/2"	4		9.5	8	6.8	3	0.3	-	-
ZPB-170EA	160	0.2	15	55	3.3	1/2"	7.7		15	14	12.5	9	5	-	-
ZPB-400EA	400	0.55	20	78	4.68	1 1/4"	13		20	18	16	13	10	6.3	2.5

GS-R BOOSTER PUMP

Applications Fields

GS-R automatic exhaust type shielded circulating pump is a circulating pump with automatic exhaust function developed by adopting shielded motor, wet rotor technology and combining with the matching water system of wall-mounted furnace. It adopts high-temperature resistant plastic pump body, has four types of pump body structure, and is equipped with imported exhaust valve. Product series flow range 0-2.28m ³/ h. The head range is 0-6.5m, and the input power is 0-118W, which is applied to the wall-mounted boiler hot water circulation system.

Max.Flow: **42 L/min (2.53m³/h)** Max.Head: **6.9 m**

Three speed regulation
Low noise
No leakage
Inlet exhaust valve, automatic exhaust function
Four pump body structure installation methods

Application Limits

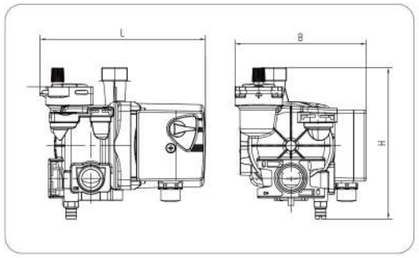
Apply to Wall-hung gas boiler system, heating system;
Ambient Temperature:0℃~40℃;
Ambient Humidity:95%;
Liquid Tempreture:20℃~85℃;
Maximum system pressure 3 bar;
Dry running no more than 10s;
Liquid : Clean, non-coorosive and non-explosive liquids, without any particle ,fiber or mineral oil.

Type A

Type B

Type C

Type D



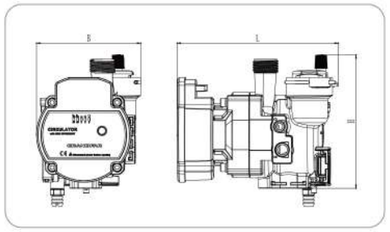
HOUSEHOLD · FLOOR HEATING · HOT WATER

Model	Power	Max head	Max.flow	Size	Dimension(mm)			N/W	Q (m³/h)	0	0.3	0.6	0.6	1.2
	W	m	m³/h	Inch	L	B	H	kg	Q (L/min)	0	5	10	15	20
GS15-5RA	79	3.7/4.8/5.5	0.95/1.58/2.18	1"	162	133	153	1.85	H(m)	5.5	5.2	5	4.6	4
GS15-6RA	93	3.8/5.3/6.3	1/1.7/2.19	1"	162	133	153	1.85		6.3	6	5.4	4.9	4.3
GS15-7RA	118	4.8/6.1/7	1.25/1.83/2.53	1"	162	133	153	1.9		7	6.6	6.1	5.6	5
GS15-5RB	79	3.7/4.8/5.5	0.95/1.58/2.18	1"	172	122	152	1.85		5.5	5.2	5	4.6	4
GS15-6RB	93	3.8/5.3/6.3	1/1.7/2.19	1"	172	122	152	1.85		6.3	6	5.4	4.9	4.3
GS15-7RB	118	4.8/6.1/7	1.25/1.83/2.53	1"	172	122	152	1.9		7	6.6	6.1	5.6	5
GS15-5RC	79	3.7/4.8/5.5	0.95/1.58/2.18	1"	143	105	135	1.85		5.5	5.2	5	4.6	4
GS15-6RC	93	3.8/5.3/6.3	1/1.7/2.19	1"	143	105	135	1.85		6.3	6	5.4	4.9	4.3
GS15-7RC	118	4.8/6.1/7	1.25/1.83/2.53	1"	143	105	135	1.9		7	6.6	6.1	5.6	5
GS15-5RD	79	3.8/4.6/5	1/1.55/1.58	1"	146	113	149	1.85		5	4.8	4.2	3.5	2.7
GS15-6RD	93	3.4/5.4/6.6	1/1.5/1.95	1"	146	113	149	1.85		6.6	6.4	5.9	5.2	4.2
GS15-7RD	118	4.8/6/6.9	1.3/1.67/2.32	1"	146	113	149	1.9		6.9	6.7	6.2	5.8	5

SPM-R BOOSTER PUMP

Applications Fields

SPM-R shielded circulating pump is a circulating pump with automatic exhaust function developed by adopting shielded motor, wet rotor technology and combining with the matching water system of wall-mounted furnace. It adopts high-temperature resistant plastic pump body, and Internal five speed adjustable, external PWM speed control available. which is applied to the wall-mounted boiler hot water circulation system.



Max.Flow: 37 L/min (2.2m³/h)

Max.Head: 8 m

Anti condensation, high insulation
Small size and light weight
Automatic exhaust function
EEI≤0.23
Internal five speed adjustable, external PWM speed control available
Low noise and no leakage

Application Limits

Liquid temperature:+2℃~+95℃
Max ambient temperature: +40℃
Max. working pressure: 3 bar
Protection class:IP44
Main connection power:230V/50Hz
Liquid characteristics: clean water without particles, mineral oil, non-toxic, neutral acidity and alkalinity
Placement requirements: the motor shaft must be maintained in a horizontal direction
PH: 6.5 to 8.5

HOUSEHOLD FLOOR HEATING HOT WATER

Model	Voltage	Power	Max head	Max.flow		Size	Dimension(mm)		
	V	W	m	L/min	m³/h	Inch	L	B	H
SPM15-8RA	220-240V	60	8	37	2.2	-	133	105	123
SPM15-8RB	220-240V	60	8	37	2.2	G1"	138	115	122
SPM15-8RC	220-240V	60	8	37	2.2	G¾"	150	115	120
SPM15-8RD	220-240V	60	8	37	2.2	G1"	132	105	150
SPM15-8RE	220-240V	60	8	37	2.2	G¾"	136	115	147

CIRCULATION PUMP FOR HOT WATER

COMMERCIAL CENTRIFUGAL PUMP

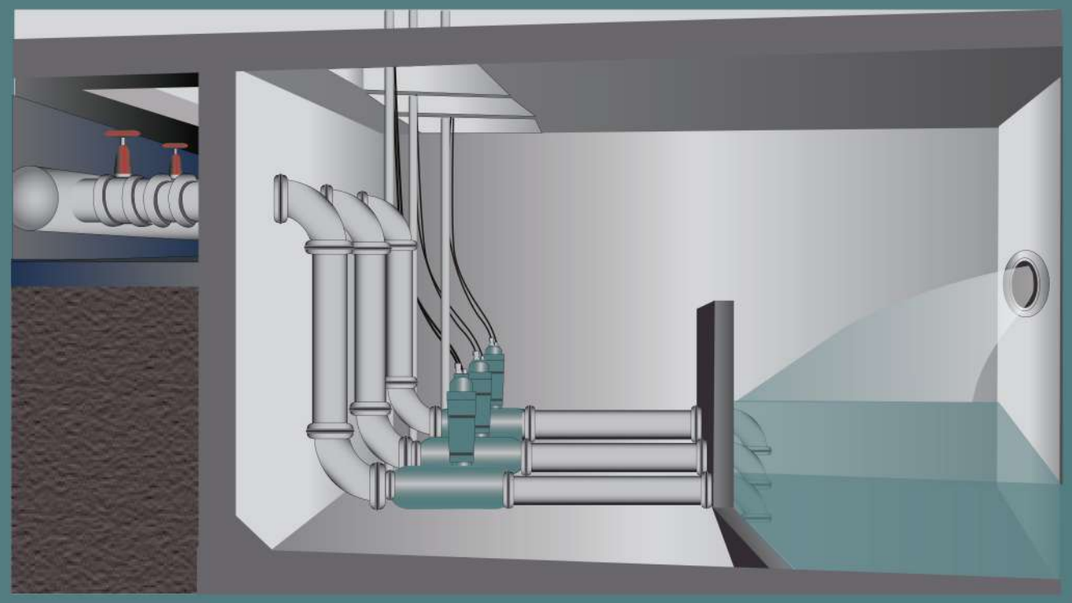
The commercial pump classification includes various inline pumps, standard centrifugal pumps, horizontal stainless steel centrifugal pumps, horizontal stainless steel multistage centrifugal pumps, and vertical stainless steel steel multistage centrifugal pumps. The commercial centrifugal pump is available in stainless steel and cast iron for both vertical and horizontal installation. The robust and high efficiency design ensure long service life and low cost of operation.

INDUSTRY

MUNICIPAL

Application

The commercial centrifugal pumps can be found in many applications,such as filter pumping, boiler feeding and industrial applications. They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series of pumps should be installed in enclosed environment, or at least sheltered from inclement weather.



GREEN Water Solution

ISG/ISW INLINE PUMP

Installation And Use

ISG is vertical centrifugal pump, It's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as fire fighting, industrial applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **20000 L/min (1200 m³/h)** Head up to **150 m**

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

ISG

ISW

Application Limits

Manometric suction lift up to 7 m
Liquid temperature up to + 90 C
Ambient temperature up to + 40 C

Construction

Pump Body: Cast iron
Motor Shaft: stainless steel
Mechanical Seal: Ceramic- graphite
Insulation: Class F
Protection: IP 55

*: "I" Heavy flow
*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW25-125	0.75	1	20	4	25x25	2900	28
ISG/ISW25-125A	0.75	1	16	3.6	25x25	2900	27
ISG/ISW25-160	1.5	2	32	4	25x25	2900	39
ISG/ISW25-160A	1.1	1.5	28	3.7	25x25	2900	34
ISG/ISW32-125	0.75	1	20	5	32x32	2900	28
ISG/ISW32-125A	0.75	1	16	4.5	32x32	2900	28
ISG/ISW32-160	1.5	2	32	4.5	32x32	2900	39
ISG/ISW32-160A	1.1	1.5	28	4	32x32	2900	38
ISG/ISW32-200	3	4	50	4.5	32x32	2900	55
ISG/ISW32-200A	2.2	3	44	4	32x32	2900	74
ISG/ISW40-100	0.75	1	12.5	6.3	40x40	2900	32
ISG/ISW40-125	1.1	1.5	20	6.3	40x40	2900	34
ISG/ISW40-125A	0.75	1	16	5.6	40x40	2900	25.6
ISG/ISW40-160	2.2	3	32	6.3	40x40	2900	32.5
ISG/ISW40-160A	1.5	2	28	5.9	40x40	2900	43
ISG/ISW40-160B	1.1	1.5	24	5.5	40x40	2900	38
ISG/ISW40-200	4	5.5	50	6.3	40x40	2900	62.7
ISG/ISW40-200A	3	4	44	5.9	40x40	2900	62
ISG/ISW40-200B	2.2	3	38	3.7	40x40	2900	52
ISG/ISW40-250	7.5	10	80	6.3	40x40	2900	105
ISG/ISW40-250A	5.5	7.5	70	5.9	40x40	2900	98
ISG/ISW40-250B	4	5.5	60	5.5	40x40	2900	77
ISG/ISW40-100(I)	1.1	1.5	12.5	12.5	40x40	2900	34
ISG/ISW40-100(I)A	0.75	1	10	11	40x40	2900	32
ISG/ISW40-125(I)	1.5	2	21	12.5	40x40	2900	28.7
ISG/ISW40-125(I)A	1.1	1.5	16	11	40x40	2900	33
ISG/ISW40-160(I)	3	4	32	12.5	40x40	2900	56

ISG/ISW INLINE PUMP

*: "I" Heavy flow
*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW40-160(I)A	2.2	3	28	11.7	40x40	2900	32.5
ISG/ISW40-200(I)	5.5	7.5	50	12.5	40x40	2900	85
ISG/ISW40-200(I)A	4	5.5	44	11.7	40x40	2900	75
ISG/ISW40-200(I)B	3	4	36	10.6	40x40	2900	63
ISG/ISW40-250(I)	11	15	80	12.5	40x40	2900	145
ISG/ISW40-250(I)A	7.5	10	70	11.6	40x40	2900	95
ISG/ISW40-250(I)B	7.5	10	60	10.8	40x40	2900	94
ISG/ISW50-100	1.1	1.5	12.5	12.5	50x50	2900	36
ISG/ISW50-100A	0.75	1	10	11	50x50	2900	35
ISG/ISW50-125	1.5	2	20	12.5	50x50	2900	31
ISG/ISW50-125A	1.1	1.5	16	11	50x50	2900	38
ISG/ISW50-160	3	4	32	12.5	50x50	2900	47
ISG/ISW50-160A	2.2	3	28	11.7	50x50	2900	51
ISG/ISW50-160B	1.5	2	22	10.4	50x50	2900	47
ISG/ISW50-200	5.5	7.5	50	12.5	50x50	2900	83.8
ISG/ISW50-200A	4	5.5	44	11.7	50x50	2900	80
ISG/ISW50-200B	3	4	36	10.6	50x50	2900	68
ISG/ISW50-250	11	15	80	12.5	50x50	2900	160
ISG/ISW50-250A	7.5	10	70	11.6	50x50	2900	115
ISG/ISW50-250B	7.5	10	60	10.8	50x50	2900	114
ISG/ISW50-100(I)	1.5	2	12.5	25	50x50	2900	41
ISG/ISW50-100(I)A	1.1	1.5	10	22.3	50x50	2900	36
ISG/ISW50-125(I)	3	4	20	25	50x50	2900	56
ISG/ISW50-125(I)A	2.2	3	16	22.3	50x50	2900	48
ISG/ISW50-160(I)	4	5.5	32	25	50x50	2900	55
ISG/ISW50-160(I)A	4	5.5	28	23.4	50x50	2900	47
ISG/ISW50-160(I)B	3	4	24	21.6	50x50	2900	55
ISG/ISW50-200(I)	7.5	10	50	25	50x50	2900	108
ISG/ISW50-200(I)A	7.5	10	44	23.5	50x50	2900	107
ISG/ISW50-200(I)B	5.5	7.5	38	21.8	50x50	2900	100
ISG/ISW50-250(I)	1.5	2	80	25	50x50	2900	175
ISG/ISW50-250(I)A	11	15	70	23.4	50x50	2900	165
ISG/ISW50-250(I)B	11	15	60	21.6	50x50	2900	165
ISG/ISW50-315(I)	30	40	125	25	50x50	2900	310
ISG/ISW50-315(I)A	22	30	113	23.7	50x50	2900	245
ISG/ISW50-315(I)B	18.5	25	101	22.5	50x50	2900	215
ISG/ISW65-100	1.5	2	12.5	25	65x65	2900	46
ISG/ISW65-100A	1.1	1.5	10	22.3	65x65	2900	41
ISG/ISW65-125	3	4	20	25	65x65	2900	51
ISG/ISW65-125A	2.2	3	16	22.3	65x65	2900	49
ISG/ISW65-160	4	5.5	32	25	65x65	2900	62.8
ISG/ISW65-160A	4	5.5	28	23.4	65x65	2900	75
ISG/ISW65-160B	3	4	24	21.6	65x65	2900	63
ISG/ISW65-200	7.5	10	50	25	65x65	2900	84

COMMERCIAL CENTRIFUGAL PUMP

ISG/ISW INLINE PUMP

*: "I" Heavy flow

*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW65-200A	7.5	10	44	23.5	65x65	2900	107
ISG/ISW65-200B	5.5	7.5	38	21.8	65x65	2900	100
ISG/ISW65-250	15	20	80	25	65x65	2900	180
ISG/ISW65-250A	11	15	70	23.4	65x65	2900	170
ISG/ISW65-250B	11	15	60	21.6	65x65	2900	170
ISG/ISW65-315	30	40	125	25	65x65	2900	320
ISG/ISW65-315A	22	30	113	23.7	65x65	2900	255
ISG/ISW65-315B	18.5	25	101	22.5	65x65	2900	225
ISG/ISW65-100(I)	3	4	125	50	65x65	2900	63
ISG/ISW65-100(I)A	2.2	3	10	44.7	65x65	2900	53
ISGISW/65-125(I)	5.5	7.5	20	50	65x65	2900	99
ISG/ISW65-125(I)A	4	5.5	16	45	65x65	2900	78
ISG/ISW65-160(I)	7.5	10	32	50	65x65	2900	103
ISG/ISW65-160(I)A	7.5	10	28	46.7	65x65	2900	103
ISG/ISW65-160(I)B	5.5	7.5	24	43.4	65x65	2900	76
ISG/ISW65-200(I)	15	20	50	50	65x65	2900	176
ISG/ISW65-200(I)A	11	15	44	47	65x65	2900	166
ISG/ISW65-200(I)B	7.5	10	38	43.3	65x65	2900	114
ISG/ISW65-250(I)	22	30	80	50	65x65	2900	235
ISG/ISW65-250(I)A	18.5	25	70	46.7	65x65	2900	205
ISG/ISW65-250(I)B	15	20	60	43.3	65x65	2900	180
ISG/ISW65-315(I)	37	50	125	50	65x65	2900	350
ISG/ISW65-315(I)A	30	40	110	46.5	65x65	2900	335
ISG/ISW80-100	3	4	125	50	80x80	2900	63
ISG/ISW80-100A	2.2	3	10	44.7	80x80	2900	54
ISG/ISW80-125	5.5	7.5	20	50	80x80	2900	99
ISG/ISW80-125A	4	5.5	16	45	80x80	2900	79
ISG/ISW80-160	7.5	10	32	50	80x80	2900	92
ISG/ISW80-160A	7.5	10	28	46.7	80x80	2900	105
ISG/ISW80-160B	5.5	7.5	24	43.4	80x80	2900	98
ISG/ISW80-200	15	20	50	50	80x80	2900	175
ISG/ISW80-200A	11	15	44	47	80x80	2900	165
ISG/ISW80-200B	7.5	10	38	43.3	80x80	2900	115
ISG/ISW80-250	22	30	80	50	80x80	2900	240
ISG/ISW80-250A	18.5	25	70	46.7	80x80	2900	210
ISG/ISW80-250B	15	20	60	43.3	80x80	2900	185
ISG/ISW80-315	37	50	125	50	80x80	2900	355
ISG/ISW80-315A	30	40	110	46.5	80x80	2900	340
ISG/ISW80-315B	30	40	100	44.5	80x80	2900	340
ISG/ISW80-315C	22	30	85	41	80x80	2900	275
ISG/ISW80-350	55	75	150	50	80x80	2900	535
ISG/ISW80-350A	45	60	142	44.5	80x80	2900	420
ISG/ISW80-350B	37	50	135	41	80x80	2900	366
ISG/ISW80-100(I)	5.5	7.5	12.5	100	80x80	2900	108

ISG/ISW INLINE PUMP

*: "I" Heavy flow

*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW80-100(I)A	4	5.5	10	89	80x80	2900	87
ISG/ISW80-125(I)	11	15	20	100	80x80	2900	163
ISG/ISW80-125(I)A	7.5	10	16	89	80x80	2900	113
ISG/ISW80-160(I)	15	20	32	100	80x80	2900	184
ISG/ISW80-160(I)A	11	15	28	93.5	80x80	2900	174
ISG/ISW80-160(I)B	11	15	24	86.6	80x80	2900	174
ISG/ISW80-200(I)	22	30	50	100	80x80	2900	251
ISG/ISW80-200(I)A	18.5	25	44	93.5	80x80	2900	220
ISG/ISW80-200(I)B	15	20	38	87	80x80	2900	198
ISG/ISW80-250(I)	37	50	80	100	80x80	2900	330
ISG/ISW80-250(I)A	30	40	70	93.5	80x80	2900	315
ISG/ISW80-250(I)B	30	40	60	87	80x80	2900	315
ISG/ISW80-315(I)	75	100	125	100	80x80	2900	675
ISG/ISW80-315(I)A	55	75	113	95	80x80	2900	535
ISG/ISW80-315(I)B	45	60	101	90	80x80	2900	420
ISG/ISW80-315(I)C	37	50	85	82	80x80	2900	366
ISG/ISW100-100	5.5	7.5	12.5	100	100x100	2900	113
ISG/ISW100-100A	4	5.5	10	89	100x100	2900	91
ISG/ISW100-125	11	15	20	100	100x100	2900	169
ISG/ISW100-125A	7.5	10	16	89	100x100	2900	118
ISG/ISW100-160	15	20	32	100	100x100	2900	156
ISG/ISW100-160A	11	15	28	93.5	100x100	2900	181
ISG/ISW100-160B	11	15	24	86.6	100x100	2900	181
ISG/ISW100-200	22	30	50	100	100x100	2900	208
ISG/ISW100-200A	18.5	25	44	93.5	100x100	2900	215
ISG/ISW100-200B	15	20	38	87	100x100	2900	193
ISG/ISW100-250	37	50	80	100	100x100	2900	345
ISG/ISW100-250A	30	40	70	93.5	100x100	2900	330
ISG/ISW100-250B	30	40	60	87	100x100	2900	330
ISG/ISW100-315	75	100	125	100	100x100	2900	689
ISG/ISW100-315A	55	75	113	95	100x100	2900	549
ISG/ISW100-315B	45	60	101	90	100x100	2900	439
ISG/ISW100-350	90	120	150	100	100x100	2900	950
ISG/ISW100-350A	75	100	142	88	100x100	2900	830
ISG/ISW100-350B	55	75	135	80	100x100	2900	600
ISG/ISW100-100(I)	11	15	12.5	160	100x100	2900	115
ISG/ISW100-125(I)	15	20	20	160	100x100	2900	168
ISG/ISW100-125(I)A	11	15	17	140	100x100	2900	168
ISG/ISW100-160(I)	22	30	32	160	100x100	2900	210
ISG/ISW100-160(I)A	18.5	25	28	140	100x100	2900	210
ISG/ISW(100-200(I)	37	50	50	160	100x100	2900	402
ISG/ISW100-200(I)A	30	40	45	140	100x100	2900	395
ISG/ISW100-200(I)B	22	30	40	100	100x100	2900	360
ISG/ISW100-250(I)	55	75	80	160	100x100	2900	560

COMMERCIAL CENTRIFUGAL PUMP

ISG/ISW INLINE PUMP

*: "I" Heavy flow
*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW100-250(I)A	45	60	72	140	100x100	2900	420
ISG/ISW100-250(I)B	37	50	65	100	100x100	2900	400
ISG/ISW125-100	11	15	12.5	160	125x125	2900	180
ISG/ISW125-100A	7.5	10	10	143	125x125	2900	125
ISG/ISW125-125	15	20	20	160	125x125	2900	220
ISG/ISW125-125A	11	15	16	143	125x125	2900	210
ISG/ISW125-160	22	30	32	160	125x125	2900	265
ISG/ISW125-160A	18.5	25	28	150	125x125	2900	230
ISG/ISW125-160B	15	20	24	138	125x125	2900	215
ISG/ISW125-200	37	50	50	160	125x125	2900	395
ISG/ISW125-200A	30	40	44	150	125x125	2900	380
ISG/ISW125-200B	22	30	37.5	138	125x125	2900	320
ISG/ISW125-250	55	75	80	160	125x125	2900	580
ISG/ISW125-250A	45	60	70	150	125x125	2900	490
ISG/ISW125-250B	37	50	60	138	125x125	2900	430
ISG/ISW125-315	90	120	125	160	125x125	2900	790
ISG/ISW125-315A	75	100	110	150	125x125	2900	710
ISG/ISW125-315B	75	100	100	143	125x125	2900	705
ISG/ISW125-315C	55	75	88	134	125x125	2900	585
ISG/ISW125-350	110	150	150	160	125x125	2900	980
ISG/ISW125-350A	90	120	142	150	125x125	2900	800
ISG/ISW125-350B	75	100	135	143	125x125	2900	724
ISG/ISW150-125	11	15	20	160	150x150	2900	210
ISG/ISW150-125A	7.5	10	16	150	150x150	2900	130
ISG/ISW150-160	22	30	32	160	150x150	2900	270
ISG/ISW150-160A	18.5	25	28	150	150x150	2900	230
ISG/ISW150-160B	15	20	24	140	150x150	2900	220
ISG/ISW150-200	37	50	50	160	150x150	2900	395
ISG/ISW150-200A	30	40	44	150	150x150	2900	380
ISG/ISW150-200B	22	30	37.5	138	150x150	2900	320
ISG/ISW150-250	75	100	80	160	150x150	2900	702
ISG/ISW150-250A	55	75	70	150	150x150	2900	561
ISG/ISW150-250B	45	60	60	138	150x150	2900	460
ISG/ISW150-315	110	150	125	200	150x150	2900	980
ISG/ISW150-315A	90	120	110	187	150x150	2900	800
ISG/ISW150-315B	75	100	95	173	150x150	2900	724
ISG/ISW150-350	110	150	150	160	150x150	2900	980
ISG/ISW150-350A	90	120	142	150	150x150	2900	800
ISG/ISW150-350B	75	100	135	140	150x150	2900	724
ISG/ISW150-250(I)	75	100	80	200	150x150	2900	702
ISG/ISW150-250(I)A	55	75	70	187	150x150	2900	561
ISG/ISW150-250(I)B	45	60	60	173	150x150	2900	460
ISG/ISW150-315(I)	110	150	125	200	150x150	2900	980
ISG/ISW150-315(I)A	90	120	110	187	150x150	2900	800

ISG/ISW INLINE PUMP

*: "I" Heavy flow; "/4" 4 P motor
*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW150-315(I)B	75	100	95	173	150x150	2900	724
ISG/ISW40-125(I)/4	0.55	0.75	5	6.3	40x40	1450	42
ISG/ISW40-160(I)/4	0.55	0.75	8	6.3	40x40	1450	43
ISG/ISW40-160(I)A/4	0.55	0.75	6	5.5	40x40	1450	30
ISG/ISW40-200(I)/4	0.75	1	12.5	6.3	40x40	1450	45
ISG/ISW40-200(I)A/4	0.55	0.75	11	5.8	40x40	1450	44
ISG/ISW40-250(I)/4	1.5	2	20	6.3	40x40	1450	54
ISG/ISW40-250(I)A/4	1.1	1.5	17	5.8	40x40	1450	49
ISG/ISW50-160/4	0.75	1	8	6.3	50x50	1450	42
ISG/ISW50-200/4	0.75	1	12.5	6.3	50x50	1450	48
ISG/ISW50-200A/4	0.75	1	9.5	5.5	50x50	1450	46
ISG/ISW50-250/4	1.5	2	20	6.3	50x50	1450	58
ISG/ISW50-250A/4	1.1	1.5	17	5.8	50x50	1450	50
ISG/ISW50-125(I)/4	0.55	0.75	5	12.5	50x50	1450	44
ISG/ISW50-160(I)/4	0.55	0.75	8	12.5	50x50	1450	46
ISG/ISW50-160(I)A/4	0.55	0.75	6	11	50x50	1450	44
ISG/ISW50-200(I)/4	1.1	1.5	12.5	12.5	50x50	1450	52
ISG/ISW50-200(I)A/4	0.75	1	10	11.2	50x50	1450	48
ISG/ISW50-250(I)/4	2.2	3	20	12.5	50x50	1450	73
ISG/ISW50-250(I)A/4	1.5	2	17.5	11.7	50x50	1450	65
ISG/ISW50-250(I)B/4	1.1	1.5	13	10	50x50	1450	60
ISG/ISW50-315(I)/4	4	5.5	32	12.5	50x50	1450	89
ISG/ISW50-315(I)A/4	3	4	28	11.7	50x50	1450	84
ISG/ISW50-315(I)B/4	3	4	21	10	50x50	1450	82
ISG/ISW65-125/4	0.55	0.75	5	12.5	65x65	1450	41
ISG/ISW65-160/4	0.75	1	8	12.5	65x65	1450	46
ISG/ISW65-160A/4	0.55	0.75	6	11	65x65	1450	35
ISG/ISW65-200/4	1.1	1.5	12.5	12.5	65x65	1450	52
ISG/ISW65-200A/4	0.75	1	10	11.2	65x65	1450	48
ISG/ISW65-250/4	2.2	3	20	12.5	65x65	1450	76
ISG/ISW65-250A/4	1.5	2	17.5	11.7	65x65	1450	68
ISG/ISW65-250B/4	1.1	1.5	13	10	65x65	1450	63
ISG/ISW65-315/4	4	5.5	32	12.5	65x65	1450	89
ISG/ISW65-315A/4	3	4	28	11.7	65x65	1450	85
ISG/ISW65-315B/4	3	4	21	10	65x65	1450	82
ISG/ISW65-125(I)/4	0.75	1	5	25	65x65	1450	49
ISG/ISW65-160(I)/4	1.1	1.5	8	25	65x65	1450	54
ISG/ISW65-160(I)A/4	0.75	1	6	22	65x65	1450	48
ISG/ISW65-200(I)/4	2.2	3	12.5	25	65x65	1450	71
ISG/ISW65-200(I)A/4	1.5	2	11	23.3	65x65	1450	62
ISG/ISW65-250(I)/4	3	4	20	25	65x65	1450	85
ISG/ISW65-250(I)A/4	3	4	15.8	22.2	65x65	1450	80
ISG/ISW65-250(I)B/4	2.2	3	12.8	20	65x65	1450	74
ISG/ISW65-315(I)/4	5.5	7.5	32	25	65x65	1450	120

COMMERCIAL CENTRIFUGAL PUMP

ISG/ISW INLINE PUMP

*: "I" Heavy flow; "/4" 4 P motor

*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW65-315(I)A/4	4	5.5	26	22.5	65x65	1450	110
ISG/ISW65-315(I)B/4	4	5.5	21	20	65x65	1450	100
ISG/ISW80-125/4	0.75	1	5	25	80x80	1450	48
ISG/ISW80-160/4	1.5	2	8	25	80x80	1450	55
ISG/ISW80-160A/4	1.1	1.5	6	22	80x80	1450	51
ISG/ISW80-200/4	2.2	3	12.5	25	80x80	1450	72
ISG/ISW80-200A/4	1.5	2	10	23.3	80x80	1450	64
ISG/ISW80-250/4	3	4	20	25	80x80	1450	89
ISG/ISW80-250A/4	3	4	15.8	22.2	80x80	1450	85
ISG/ISW80-250B/4	2.2	3	12.8	20	80x80	1450	78
ISG/ISW80-315/4	5.5	7.5	32	25	80x80	1450	130
ISG/ISW80-315A/4	4	5.5	27.9	23	80x80	1450	102
ISG/ISW80-315B/4	4	5.5	25	22.3	80x80	1450	95
ISG/ISW80-125(I)/4	1.5	2	5	50	80x80	1450	61
ISG/ISW80-160(I)/4	2.2	3	8	50	80x80	1450	82
ISG/ISW80-160(I)A/4	1.5	2	6	44.7	80x80	1450	74
ISG/ISW80-160(I)B/4	1.5	2	5.8	43.2	80x80	1450	74
ISG/ISW80-200(I)/4	3	4	12.5	50	80x80	1450	97
ISG/ISW80-200(I)A/4	3	4	11	46.8	80x80	1450	93
ISG/ISW80-250(I)/4	5.5	7.5	20	50	80x80	1450	134
ISG/ISW80-250(I)A/4	4	5.5	17	46	80x80	1450	106
ISG/ISW80-250(I)B/4	3	4	13	40.5	80x80	1450	100
ISG/ISW80-315(I)/4	11	15	32	50	80x80	1450	217
ISG/ISW80-315(I)A/4	7.5	10	27.9	46	80x80	1450	180
ISG/ISW80-315(I)B/4	5.5	7.5	21	40.5	80x80	1450	166
ISG/ISW100-125/4	1.5	2	5	50	100x100	1450	70
ISG/ISW100-160/4	2.2	3	8	50	100x100	1450	87
ISG/ISW100-160A/4	1.5	2	6	46	100x100	1450	79
ISG/ISW100-200/4	3	4	12.5	50	100x100	1450	100
ISG/ISW100-200A/4	2.2	3	10	44.7	100x100	1450	90
ISG/ISW100-250/4	5.5	7.5	20	50	100x100	1450	140
ISG/ISW100-250A/4	4	5.5	17	46	100x100	1450	112
ISG/ISW100-250B/4	3	4	13	40.5	100x100	1450	105
ISG/ISW100-315/4	11	15	32	50	100x100	1450	225
ISG/ISW100-315A/4	7.5	10	27.9	46.7	100x100	1450	180
ISG/ISW100-315B/4	5.5	7.5	21	40.5	100x100	1450	165
ISG/ISW100-125(I)/4	2.2	3	5	80	100x100	1450	95
ISG/ISW100-160(I)/4	4	5.5	8	80	100x100	1450	118
ISG/ISW100-160(I)A/4	3	4	6	72	100x100	1450	113
ISG/ISW100-200(I)/4	5.5	7.5	12.5	80	100x100	1450	148
ISG/ISW100-200(I)A/4	4	5.5	10	72	100x100	1450	123
ISG/ISW100-250(I)/4	11	15	20	100	100x100	1450	208
ISG/ISW100-250(I)A/4	7.5	10	17.4	93.3	100x100	1450	165
ISG/ISW100-250(I)B/4	5.5	7.5	15	69	100x100	1450	149

ISG/ISW INLINE PUMP

*: "I" Heavy flow; "/4" 4 P motor

*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m³/h	DN	rpm	kg
ISG/ISW100-315(I)/4	15	20	32	80	100x100	1450	234
ISG/ISW100-315(I)A/4	11	15	27.5	75	100x100	1450	213
ISG/ISW100-315(I)B/4	7.5	10	24	72	100x100	1450	165
ISG/ISW100-400(I)/4	30	40	44	80	100x100	1450	375
ISG/ISW100-400(I)A/4	22	30	44	75	100x100	1450	295
ISG/ISW100-400(I)B/4	18.5	25	38	70	100x100	1450	257
ISG/ISW125-125/4	2.2	3	5	100	125x125	1450	148
ISG/ISW125-160/4	3	4	8	80	125x125	1450	205
ISG/ISW125-160A/4	2.2	3	6	69.3	125x125	1450	165
ISG/ISW125-200/4	5.5	7.5	12.5	80	125x125	1450	249
ISG/ISW125-200A/4	4	5.5	11	75	125x125	1450	237
ISG/ISW125-250/4	11	15	20	100	125x125	1450	220
ISG/ISW125-250A/4	7.5	10	17.4	93.3	125x125	1450	210
ISG/ISW125-250B/4	5.5	7.5	15	87	125x125	1450	195
ISG/ISW125-315/4	15	20	32	100	125x125	1450	300
ISG/ISW125-315A/4	11	15	27	95	125x125	1450	282
ISG/ISW125-315B/4	11	15	24	87	125x125	1450	245
ISG/ISW125-400/4	30	40	50	100	125x125	1450	375
ISG/ISW125-400A/4	22	30	44	94	125x125	1450	295
ISG/ISW125-400B/4	18.5	25	37.5	87	125x125	1450	257
ISG/ISW125-200(I)/4	11	15	12.5	200	125x125	1450	244
ISG/ISW125-200(I)A/4	7.5	10	10	179	125x125	1450	210
ISG/ISW125-250(I)/4	15	20	20	200	125x125	1450	265
ISG/ISW125-250(I)A/4	11	15	17	184.4	125x125	1450	241
ISG/ISW125-250(I)B/4	7.5	10	14	167	125x125	1450	210
ISG/ISW125-315(I)/4	22	30	32	200	125x125	1450	335
ISG/ISW125-315(I)A/4	18.5	25	28	187	125x125	1450	315
ISG/ISW125-315(I)B/4	15	20	24	173	125x125	1450	265
ISG/ISW125-400(I)/4	45	60	50	200	125x125	1450	490
ISG/ISW125-400(I)A/4	37	50	44	187	125x125	1450	454
ISG/ISW125-400(I)B/4	30	40	38	160	125x125	1450	435
ISG/ISW150-200/4	15	20	12.5	200	150x150	1450	265
ISG/ISW150-200A/4	11	15	10	179	150x150	1450	244
ISG/ISW150-250/4	18.5	25	20	200	150x150	1450	300
ISG/ISW150-250A/4	15	20	17	184.4	150x150	1450	262
ISG/ISW150-250B/4	11	15	14	167	150x150	1450	241
ISG/ISW150-315/4	30	40	32	200	150x150	1450	410
ISG/ISW150-315A/4	22	30	28	187	150x150	1450	335
ISG/ISW150-315B/4	18.5	25	24	173	150x150	1450	315
ISG/ISW150-400/4	45	60	50	200	150x150	1450	490
ISG/ISW150-400A/4	37	50	44	187	150x150	1450	454
ISG/ISW150-400B/4	30	40	38	174	150x150	1450	435
ISG/ISW150-400C/4	22	30	32	160	150x150	1450	365
ISG/ISW150-200(I)/4	15	20	12.5	200	150x150	1450	265

ISG/ISW INLINE PUMP

*: "I" Heavy flow; "/4" 4 P motor

*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m^3/h	DN	rpm	kg
ISG/ISW150-200(I)A/4	11	15	10	179	150x150	1450	244
ISG/ISW150-250(I)/4	18.5	25	20	200	150x150	1450	305
ISG/ISW150-250(I)A/4	15	20	17.5	187	150x150	1450	267
ISG/ISW150-250(I)B/4	11	15	14	173	150x150	1450	246
ISG/ISW150-315(I)/4	30	40	32	200	150x150	1450	417
ISG/ISW150-315(I)A/4	22	30	28	187	150x150	1450	342
ISG/ISW150-315(I)B/4	18.5	25	24	173	150x150	1450	322
ISG/ISW150-400(I)/4	45	60	50	200	150x150	1450	498
ISG/ISW150-400(I)A/4	37	50	44	187	150x150	1450	462
ISG/ISW150-400(I)B/4	30	40	37.5	173	150x150	1450	443
ISG/ISW150-400(I)C/4	22	30	32	160	150x150	1450	373
ISG/ISW200-200/4	15	20	12.5	200	200x200	1450	265
ISG/ISW200-200A/4	11	15	10	179	200x200	1450	244
ISG/ISW200-250/4	18.5	25	20	200	200x200	1450	305
ISG/ISW200-250A/4	15	20	17	184.4	200x200	1450	267
ISG/ISW200-250B/4	11	15	14	179	200x200	1450	246
ISG/ISW200-315/4	30	40	32	200	200x200	1450	417
ISG/ISW200-315A/4	22	30	28	187	200x200	1450	342
ISG/ISW200-315B/4	18.5	25	24	173	200x200	1450	322
ISG/ISW200-400/4	45	60	50	200	200x200	1450	498
ISG/ISW200-400A/4	37	50	44	187	200x200	1450	462
ISG/ISW200-400B/4	30	40	38	174	200x200	1450	443
ISG/ISW200-400C/4	22	30	32	160	200x200	1450	373
ISG/ISW200-200(I)/4	22	30	12.5	400	200x200	1450	382
ISG/ISW200-200(I)A/4	18.5	25	10	358	200x200	1450	346
ISG/ISW200-250(I)/4	30	40	20	400	200x200	1450	475
ISG/ISW200-250(I)A/4	22	30	16	358	200x200	1450	405
ISG/ISW200-250(I)B/4	18.5	25	13	322	200x200	1450	387
ISG/ISW200-315(I)/4	55	75	32	400	200x200	1450	675
ISG/ISW200-315(I)A/4	45	60	28	374	200x200	1450	560
ISG/ISW200-315(I)B/4	37	50	24	346	200x200	1450	535
ISG/ISW200-400(I)/4	75	100	50	400	200x200	1450	830
ISG/ISW200-400(I)A/4	75	100	44	374	200x200	1450	830
ISG/ISW200-400(I)B/4	55	75	38	346	200x200	1450	685
ISG/ISW200-400(I)C/4	45	60	32	320	200x200	1450	580
ISG/ISW250-250/4	45	60	20	550	250x250	1450	620
ISG/ISW250-250A/4	37	50	17	500	250x250	1450	550
ISG/ISW250-315/4	75	100	32	550	250x250	1450	890
ISG/ISW250-315A/4	55	75	28	500	250x250	1450	690
ISG/ISW250-315B/4	45	60	24	450	250x250	1450	620
ISG/ISW250-400/4	110	150	50	500	250x250	1450	1530
ISG/ISW250-400A/4	90	120	44	500	250x250	1450	1320
ISG/ISW250-400B/4	75	100	38	450	250x250	1450	950
ISG/ISW250-500/4	200	270	80	550	250x250	1450	2000

ISG/ISW INLINE PUMP

*: "I" Heavy flow; "/4" 4 P motor

*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		H.rat	Q.rat	Size	Rated speed	N/W
Three-phase Model	kW	HP	m	m^3/h	DN	rpm	kg
ISG/ISW250-500A/4	160	215	71	506	250x250	1450	1850
ISG/ISW250-500B/4	132	176	63.5	466	250x250	1450	1750
ISG/ISW300-250/4	55	75	20	720	300x300	1450	690
ISG/ISW300-250A/4	45	60	17	600	300x300	1450	620
ISG/ISW300-315/4	90	120	32	720	300x300	1450	1320
ISG/ISW300-315A/4	75	100	28	650	300x300	1450	950
ISG/ISW300-315B/4	55	75	24	580	300x300	1450	750
ISG/ISW300-400/4	110	150	50	720	300x300	1450	1530
ISG/ISW300-400A/4	110	150	44	637	300x300	1450	1530
ISG/ISW300-400B/4	90	120	38	563	300x300	1450	1320
ISG/ISW300-400C/4	75	100	33	561	300x300	1450	950
ISG/ISW300-500/4	250	335	80	720	300x300	1450	2300
ISG/ISW300-500A/4	200	270	70	675	300x300	1450	2000
ISG/ISW300-500B/4	160	215	60	625	300x300	1450	1850
ISG/ISW350-315/4	90	120	32	800	350x350	1450	1650
ISG/ISW350-315A/4	75	100	17	1080	350x350	1450	1250
ISG/ISW350-400/4	160	215	50	800	350x350	1450	1950
ISG/ISW350-400A/4	132	176	28	1080	350x350	1450	1750
ISG/ISW350-315(I)/4	160	215	32	1200	350x350	1450	1950
ISG/ISW350-315(I)A/4	132	176	28	1092	350x350	1450	1750
ISG/ISW350-315(I)B/4	110	150	25	994	350x350	1450	1530
ISG/ISW350-400(I)/4	250	335	50	1200	350x350	1450	2300
ISG/ISW350-400(I)A/4	250	335	44	1092	350x350	1450	2300
ISG/ISW350-400(I)B/4	200	270	38.5	994	350x350	1450	2000

GTD INLINE PUMP

Installation And Use

GTD is vertical centrifugal pump, It's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as fire fighting, industrial applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **20000 L/min (1200 m³/h)** **Head up to** **85.8 m**

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Liquid temperature up to + 120°C
Ambient temperature up to + 40°C

Construction

Pump Body: Cast iron
Impeller: Cast iron
Motor Shaft: stainless steel
Mechanical Seal: Ceramic- graphite
Insulation: Class F
Protection: IP 55

INDUSTRY MUNICIPAL

*: "/2" 2 P motor

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	2	4	6	8	10	12.5	14	16
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	33.3	66.7	100.0	133.3	166.7	208.3	233.3	266.7
GTD32-18-11/2	1.1	1.5	19.5	12.5	32	2900	50		19.4	19.1	18.7	18	16.7	14.3		
GTD32-21-15/2	1.5	2	24.7	16	32	2900	56		24.4	24.1	23.8	23.4	22.6	21	19.4	16.6
GTD32-25-22/2	2.2	3	28.4	16	32	2900	59	H(m)	28.3	28.2	27.9	27.5	26.7	25	23.4	20.9
GTD32-32-30/2	3	4	34.6	16	32	2900	68		34.2	34	33.8	33.6	33	32	30.6	28.3
GTD32-38-40/2	4	5.5	40	16	32	2900	79		39.9	39.8	39.6	39.3	38.8	38	36.8	35.2
GTD32-50-55/2	5.5	7.5	51.8	16	32	2900	104		51.7	51.5	51.3	51	50.6	50	49.2	48.1

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	4	8	12.5	16	20	25	28	32
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	66.7	133.3	208.3	266.7	333.3	416.7	466.7	533.3
GTD40-16-11/2	1.1	1.5	18.5	16	40	2900	40		18	17.5	16	12.8				
GTD40-20-15/2	1.5	2	21.7	16	40	2900	46		21.5	21.2	20	17.5				
GTD40-18-22/2	2.2	3	20	25	40	2900	53		19.9	19.8	19.5	19	18	15.8		
GTD40-25-30/2	3	4	27.9	25	40	2900	70	H(m)	27.8	27.5	27	26.3	25.1	23		
GTD40-30-40/2	4	5.5	34	32	40	2900	77		33.8	33.6	33.2	32.6	31.7	30	28.6	26.2
GTD40-36-55/2	5.5	7.5	39.3	32	40	2900	106		39	38.8	38.5	38.2	37.5	36	35	32.6
GTD40-48-75/2	7.5	10	50	32	40	2900	110		49.7	49.6	49.6	49.5	49.1	48	46.7	44.4

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	2.5	5	7.5	10	12.5	15	17.5	20
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	41.7	83.3	125.0	166.7	208.3	250.0	291.7	333.3
GTD50-32-30/2	3	4	35	20	50	2900	65		34.7	34.4	34.1	33.4	33	30.2	27.3	23.3
GTD50-38-40/2	4	5.5	42.1	20	50	2900	71		41.8	41.2	40.5	39.4	38	36.1	33.6	30.5
GTD50-48-55/2	5.5	7.5	51	20	50	2900	85	H(m)	50.3	50	49.8	49.5	48	47.4	45.1	41.4
GTD50-58-75/2	7.5	10	61.3	20	50	2900	110		60.9	60.6	60.1	59.3	58	55.6	52.3	47.6
GTD50-80-110/2	11	15	83.1	20	50	2900	185		82.9	82.6	82	81.2	80	78.4	76	73

GTD INLINE PUMP

INDUSTRY MUNICIPAL

*: "/2" 2 P motor

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	5	10	16	20	25	30	35	40	45	50	60
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	83	167	267	333	417	500	583	667	750	833	1000
GTD50-12-11/2	1.1	1.5	15.6	20	50	2900	56		15.3	14.2	12.3	10.8							
GTD50-15-15/2	1.5	2	19	25	50	2900	62		18.7	18	16.5	15	12.6						
GTD50-18-22/2	2.2	3	23.1	30	50	2900	55		22.7	22.2	21.1	19.9	17.8	15					
GTD50-24-30/2	3	4	26.1	30	50	2900	74		26	25.9	25.5	25	23.9	22.2					
GTD50-28-40/2	4	5.5	31.7	35	50	2900	79		31.5	31.3	31	30.5	29.5	27.9	25.6				
GTD50-35-55/2	5.5	7.5	36.9	40	50	2900	103	H(m)	36.6	36.5	36.4	36.3	35.8	34.9	33.5	31.4			
GTD50-40-75/2	7.5	10	42.7	45	50	2900	118		42.2	42	41.9	41.8	41.5	40.9	39.8	37.9	35.2		
GTD50-50-110/2	11	15	53.6	50	50	2900	181		53.4	53.2	53.1	52.9	52.6	52	51.1	49.9	48.2	45.8	
GTD50-60-150/2	15	20	65.8	60	50	2900	191		65.7	65.6	65.7	65.5	65.2	64.7	64	62.9	61.6	60	55.2
GTD50-70-185/2	18.5	25	74	60	50	2900	209		73.6	73.4	73.3	73.2	73.1	73	72.7	72	71.1	69.7	65.4
GTD50-81-220/2	22	30	85.8	60	50	2900	245		85.5	85.2	85	84.8	84.5	84.2	83.6	82.9	82	80.7	77.1

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	5	10	15	20	25	30	35
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	83.3	166.7	250.0	333.3	416.7	500.0	583.3
GTD65-36-55/2	5.5	7.5	38.9	35	65	2900	87		38.2	38.2	38.3	37.8	36	31.8	25.2
GTD65-48-75/2	7.5	10	50.3	35	65	2900	91	H(m)	50.4	50.3	49.9	49.1	48	45.7	42.9

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	10	20	30	40	50	60	70	80	90
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	166.7	333.3	500.0	666.7	833.3	1000.0	1166.7	1333.3	1500.0
GTD65-15-22/2	2.2	3	18.5	40	65	2900	65		17.9	17.1	15	10.7					
GTD65-19-30/2	3	4	21.9	40	65	2900	74		21.5	20.8	19	15.2					
GTD65-22-40/2	4	5.5	25.4	50	65	2900	81		25	24.8	24	22	17.5				
GTD65-30-55/2	5.5	7.5	33.2	50	65	2900	105		32.5	32.2	31.6	30	26.2				
GTD65-34-75/2	7.5	10	38.8	60	65	2900	108		38.5	38.3	37.7	36.4	34	29.6			
GTD65-40-110/2	11	15	43.8	60	65	2900	183	H(m)	43.3	42.9	42.4	41.5	40	37.6			
GTD65-50-150/2	15	20	53.7	60	65	2900	193		53.6	53.3	52.7	51.6	50	47.3			
GTD65-61-185/2	18.5	25	63.1	70	65	2900	210		63	63	63.1	62.4	61	58.6	54.7		
GTD65-67-220/2	22	30	68.4	80	65	2900	248		67.9	67.8	67.7	67.6	67	65.7	63.3	59.7	
GTD65-83-300/2	30	40	85.5	90	65	2900	309		85.3	85	84.6	84	83	81.7	79.9	77.5	74.4

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	166	333	500	666	833	1000	1166	1333	1500	1666
GTD80-13-30/2	3	4	16.5	60	80	2900	84		16.1	15.8	15.2	14.3	13	10.9				
GTD80-18-40/2	4	5.5	21.3	70	80	2900	91		21.1	20.7	20.2	19.3	18	16	13.3			
GTD80-22-55/2	5.5	7.5	24.6	80	80	2900	114		24.4	24.2	23.8	23.1	22	20.3	18	14.9		
GTD80-28-75/2	7.5	10	30.8	80	80	2900	117		30.6	30.4	30	29.2	28	26.3	23.8	20.6		
GTD80-30-110/2	11	15	35.1	100	80	2900	194		34.9	34.7	34.4	34	33.5	32.7	31.6	30	28.4	26.2
GTD80-38-150/2	15	20	41.2	100	80	2900	204	H(m)	41.1	41.1	41	41	40.7	40.2	39.2	38	35.9	33.1
GTD80-40-110/2	11	15	42.8	60	80	2900	170		42.7	42.8	42.7	41.8	40	36.5				
GTD80-47-185/2	18.5	25	50.7	100	80	2900	222		50.3	50.2	50.1	50	49.7	49.2	48.2	47	44.8	42
GTD80-48-150/2	15	20	50.7	70	80	2900	181		50.4	50.4	50.2	49.6	48	44.8	40.2			
GTD80-54-220/2	22	30	57.2	100	80	2900	258		56.9	56.8	56.8	56.7	56.5	56	55.2	54	51.9	49.4
GTD80-67-300/2	30	40	69.6	100	80	2900	319		69.3	69.1	69	68.9	68.7	68.3	67.8	67	65.7	64.1

COMMERCIAL CENTRIFUGAL PUMP

GTD INLINE PUMP

INDUSTRY MUNICIPAL

*: "/2" 2 P motor; "/4" 4 P motor

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	145	160
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	166	333	500	666	833	1000	1166	1333	1500	1666	1833	2000	2416	2666
GTD100-9-22/2	2.2	3	14.3	70	100	2900	65	H(m)	14	13.3	12.1	10.7	9	7.2	5.4							
GTD100-15-40/2	4	5.5	18.8	80	100	2900	83		18.5	18.2	17.7	17.1	16.2	15	13.3	11.1						
GTD100-17-55/2	5.5	7.5	21.9	110	100	2900	119		21.6	21.3	21	20.6	20	19.2	18.1	17	15	12.8	10.2			
GTD100-22-75/2	7.5	10	26.9	110	100	2900	122		26.8	26.6	26.3	25.9	25.3	24.5	23.3	22	20.3	18.2	15.7			
GTD100-25-110/2	11	15	29.4	120	100	2900	175		29.2	29	28.8	28.6	28.4	28.1	27.6	27	26.1	25	23.6	21.9		
GTD100-27-110/2	11	15	31.8	120	100	2900	183		31.5	31.2	31.1	30.9	30.7	30.3	29.9	29.2	28.2	27	25.4	23.4		
GTD100-32-150/2	15	20	36.3	120	100	2900	189		36	35.9	35.7	35.5	35.1	34.7	34.2	33.6	32.9	32	30.7	29.2		
GTD100-33-150/2	15	20	37.9	120	100	2900	194		37.4	37	36.7	36.4	36.1	35.7	35.3	34.7	34	33	31.8	30.2		
GTD100-40-185/2	18.5	25	43.5	120	100	2900	224		43.3	43.1	43	42.9	42.7	42.5	42.1	41.6	40.9	40	38.8	37.3		
GTD100-48-220/2	22	30	51.3	145	100	2900	260		51.1	51	50.9	50.8	50.6	50.4	50	49.5	48.8	48	46.7	45.1	40	
GTD100-52-300/2	30	40	55	160	100	2900	318		54.6	54.4	54.2	54.1	54.1	54	54	53.9	53.8	53.5	53	52.4	49.9	47.5

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	40	60	80	100	120	140	160	170	180	200
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	666	1000	1333	1666	2000	2333	2666	2833	3000	3333
GTD125-11-55/4	5.5	7.5	13	160	125	1450	166	H(m)	12.9	12.7	12.4	11.8	11	9.8	8.2			
GTD125-14-75/4	7.5	10	16.3	160	125	1450	179		16.1	15.9	15.5	14.9	14	12.8	11.2			
GTD125-18-110/4	11	15	22	200	125	1450	257		21.5	21.3	21	20.6	20	19.1	18	17.2	16.3	14.2
GTD125-20-110/4	11	15	23	170	125	1450	289		22.6	22.4	22.2	21.8	20.9	20	18.5	17.4		
GTD125-22-150/4	15	20	26.9	200	125	1450	302		26.7	26.5	26.2	25.7	25	23.7	22	20.9	19.7	16.8
GTD125-28-185/4	18.5	25	31.3	200	125	1450	321		30.7	30.8	30.8	30.7	30.2	29.3	28	26.8	25.5	22.4
GTD125-32-220/4	22	30	34.8	200	125	1450	356		34.5	34.6	34.6	34.4	34	33.3	32	31.3	30.1	27.4
GTD125-40-300/4	30	40	44.2	200	125	1450	442		43.8	43.6	43.4	42.9	42.3	41.3	40	39	37.9	35.5
GTD125-48-370/4	37	50	51.8	200	125	1450	498		51.4	51.3	51	50.6	50	49.1	48	47.2	46.3	44.3
GTD125-50-450/4	45	60	51.9	200	125	1450	505		50.5	50.2	49.8	49.4	48.9	47.9	46.1	44.7	43.2	39.5

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	50	80	100	120	140	160	180	200	220	240
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	833	1333	1666	2000	2333	2666	3000	3333	3666	4000
GTD150-12.5-110/4	11	15	14.8	240	150	1450	275	H(m)	14.5	14.6	14.6	14.5	14.3	13.9	13.3	12.5	11	9.4
GTD150-15-110/4	11	15	18.8	240	150	1450	277		18.7	18.7	18.6	18.5	18.1	17.5	16.7	15	12.5	9.1
GTD150-17-150/4	15	20	19	240	150	1450	278		18.8	18.8	18.7	18.6	18.5	18.2	17.7	17	16.1	15
GTD150-18-150/4	15	20	21	240	150	1450	285		20.6	20.5	20.3	20.2	19.9	19.5	19	18	16.4	13.3
GTD150-20-185/4	18.5	25	21.2	240	150	1450	300		21.5	21.3	21.3	21.1	21	20.9	20.6	20	18.8	17
GTD150-21-185/4	18.5	25	23.7	240	150	1450	313		23.2	23.1	23	22.9	22.7	22.3	21.7	21	19.6	18.1
GTD150-25-220/4	22	30	28.2	240	150	1450	354		28.1	28	27.9	27.7	27.4	26.8	26	25	23.4	21.6
GTD150-33-300/4	30	40	35.6	240	150	1450	406		35.4	35.4	35.3	35.2	35	35.4	33.8	323	31.5	29.7
GTD150-40-370/4	37	50	43.3	240	150	1450	511		43	43	42.9	42.8	42.5	41.9	41.1	40	38.3	36.2
GTD150-50-450/4	45	60	52.1	240	150	1450	548		52.2	52.2	52.2	52.1	51.8	51.4	50.7	50	48.5	46.9

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	90	120	150	180	210	240	270	300	330	360
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
GTD200-15-185/4	18.5	25	18.2	360	200	1450	417	H(m)	17.9	17.8	17.6	17.3	16.9	16.4	15.7	15	14	12.9
GTD200-18-220/4	22	30	21	360	200	1450	434		20.9	20.7	20.5	20.2	19.9	19.4	18.8	18	17	15.9
GTD200-24-300/4	30	40	26.7	360	200	1450	537		26.1	26	25.9	25.7	25.4	25.1	24.6	24	23	21.9
GTD200-30-370/4	37	50	33.9	360	200	1450	602		33.9	33.2	32.9	32.6	32.2	31.6	30.9	30	28.9	27.7
GTD200-35-450/4	45	60	38.3	360	200	1450	648		38.3	38.2	38.1	37.8	37.3	36.7	36	35	33.7	32.3
GTD200-44-550/4	55	75	46.8	360	200	1450	744		46.8	46.1	45.9	45.7	45.4	45.1	44.6	44	43.2	42.2
GTD200-53-750/4	75	100	56.3	360	200	1450	877		56.3	55.7	55.6	55.5	55.2	54.8	54.1	53	51.7	49.9

GTD INLINE PUMP

INDUSTRY MUNICIPAL

*: "/4" 4 P motor

Model	Power		Max.flow	Max.flow	Size	Rated speed	N/W	Q (m³/h)	180	210	240	270	300	330	360	390	420	450
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500
GTD200-12.5-220/4	22	30	18.1	450	200	1450	432	H(m)	17.1	16.9	16.6	16.1	15.6	14.9	14	12.9	11.5	9.9
GTD200-20-300/4	30	40	25.2	450	200	1450	492		24.6	24.5	24.2	23.9	23.3	22.5	21.6	20.2	18.6	16.7
GTD200-23-370/4	37	50	29.1	450	200	1450	602		28	27.8	27.5	27	26.4	25.6	24.7	23.4	22	20.3
GTD200-27-450/4	45	60	33.1	450	200	1450	638		31.9	31.6	31.2	30.7	30.1	29.4	28.4	27.3	25.9	24.4
GTD200-32-550/4	55	75	38	450	200	1450	710		37.3	37	36.5	36	35.3	34.5	33.5	32.4	31	29.5
GTD200-43-750/4	75	100	47.9	450	200	1450	883		47	46.8	46.5	46.2	45.7	45.1	44.2	43.2	42	40.5
GTD200-50-900/4	90	120	53.6	450	200	1450	975		52.9	52.8	52.7	52.5	52.1	51.6	51	50.1	48.9	47.5

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	240	300	360	420	480	540	600	630	660	720	750
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	4000	5000	6000	7000	8000	9000	10000	10500	11000	12000	12500
GTD250-12.5-300/4	30	40	19.7	750	250	1450	552	H(m)	18.4	17.9	17.3	16.5	15.6	14.5	13.1	12.5	11.6	9.8	8.9
GTD250-15-300/4	30	40	20.9	600	250	1450	550		20	19.1	18.1	17.1	16	14.9	13.9				
GTD250-14-370/4	37	50	20.8	750	250	1450	613		19.9	19.5	19	18.4	17.6	16.7	15.5	14.9	14.2	12.6	11.8
GTD250-18-370/4	37	50	23.5	600	250	1450	611		22.2	21.7	21.2	20.4	19.5	18.3	16.9				
GTD250-17-450/4	45	60	22.4	750	250	1450	649		21.7	21.3	20.9	20.3	19.5	18.6	17.5	17	16.1	14.5	13.5
GTD250-21-450/4	45	60	26	600	250	1450	647		25.2	24.8	24.2	23.5	22.5	21.2	19.7				
GTD250-20-550/4	55	75	25.4	750	250	1450	722		24.5	24.1	23.7	23.2	22.5	21.6	20.5	20	19.2	17.6	16.7
GTD250-27-550/4	55	75	35	600	250	1450	773		34.2	33.6	32.8	31.5	29.7	27.3	24.3				
GTD250-26-750/4	75	100	33	750	250	1450	909		31.7	31.2	30.7	30	29.2	28.1	26.7	26	25.1	23.1	22
GTD250-36-750/4	75	100	39.2	600	250	1450	909		38.6	38.3	37.8	37.1	36.2	35.1	33.6				
GTD250-32-900/4	90	120	37.7	750	250	1450	999		36.6	36.3	35.8	35.2	34.5	33.6	32.5	32	31.1	29.5	28.6
GTD250-44-900/4	90	120	53.9	600	250	1450	1030		52.9	52.3	51.4	50	48.1	45.6	42.3				
GTD250-40-1100/4	110	150	46.9	750	250	1450	1389		45.9	45.5	45	44.3	43.4	42.3	40.8	40	38.9	36.7	35.4
GTD250-53-1100/4	110	150	62	600	250	1450	1389		61	60.4	59.5	58.2	56.5	54.1	51.2				
GTD250-50-1320/4	132	175	56.7	750	250	1450	1473		55.6	55.2	54.8	54.1	53.3	52.1	50.7	50	48.9	46.8	45.5

Model	Power		Max.head	Max.flow	Size	Rated speed	N/W	Q (m³/h)	270	360	450	630	750	900	1080	1200
	kW	HP	m	m³/h	DN	rpm	kg	Q (L/min)	4500	6000	7500	10500	12500	15000	18000	20000
GTD300-15-550/4	55	75	24	1200	200	1450	602	H(m)	22.9	22.2	21.5	19.5	17.8	15.2	11.5	8.5
GTD300-20-750/4	75	100	27.9	1200	200	1450	602		26.6	26.1	25.4	23.8	22.4	20.3	17	14.4
GTD300-25-900/4	90	120	31.8	1200	200	1450	648		30.8	30.4	29.8	28.3	27	25.1	22.3	20
GTD300-30-1100/4	110	150	35.7	1200	200	1450	648		34.4	34	33.6	32.5	31.6	30	27.4	25.1
GTD300-35-1320/4	132	175	39.8	1200	200	1450	744		38.4	38.1	37.8	37	36.2	34.9	32.3	29.9
GTD300-44-1600/4	160	200	50	1200	200	1450	744		49.5	49.2	48.8	47.5	46.2	44.1	40.5	37.4
GTD300-55-2000/4	200	275	59.1	1200	200	1450	877		58	57.8	57.6	57	56.3	54.9	52.1	49.5

GFM STANDARD CENTRIFUGAL PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as fire fighting, irrigation, civil, industrial and agricultural applications. The realisation according to standard EN733- DIN24255 ensure that the dimensions comply with those standards. The constructive from allows the pump body moved without disconnecting it from the pipes. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **Head up to**

10000 L/min (600 m³/h) 151 m

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Manometric suction lift up to 7 m
Liquid temperature up to + 90 C
Ambient temperature up to + 40 C
Max. withstand pressure 16 bar

Construction

Pump Body: Cast iron, dimensions according to standards EN733- DIN24255 and UNI 7467- NF E- 44- 111, with flanged suction and delivery inlets and threaded steel counter flanges.
Impeller: Stainless steel or cast iron.
Motor Shaft: stainless steel .
Mechanical Seal: Ceramic- graphite.
Electric Motor: GFm: Single- phase 230V- 50Hz with condenser and thermal overload protector built into the copper winding. GF: Three- phase 380/ 400V- 50Hz.
Insulation: Class F.
Protection: IP 55.

INDUSTRY MUNICIPAL

: "" Stainless steel impeller
*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model		Power		Max head	Max. flow	Size	Suct. Max.	N/W	Rated speed	Q (m³/h)	0	6	9	15	18	24	27
Single-phase	Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	100	150	250	300	400	450
GFm32-125B*	GF32-125B*	0.75	1	17.5	18	50*32	7	24	2900		17.5	16.7	15	12	9	-	-
GFm32-125A*	GF32-125A*	1.1	1.5	22	24	50*32	7	25	2900		22	21	19.7	16.5	14.5	9	-
GFm32-160C*	GF32-160C*	1.5	2	25.4	18	50*32	7	35	2900		25.4	23.7	22.5	18.5	15.8	-	-
GFm32-160B*	GF32-160B*	2.2	3	31	24	50*32	7	37	2900		31	29.6	28.5	24.5	22	15	-
GFm32-160A*	GF32-160A*	3	4	35	27	50*32	7	41	2900		35	34.3	32.5	28	25.5	19	15
	GF32-200D*	3	4	44.2	27	50*32	7	51	2900	H(m)	44.2	42	39.8	35.2	32.2	24.6	19.8
	GF32-200C*	4	5.5	54.5	27	50*32	7	57.5	2900		54.5	52	50	45.5	42.3	35	30.3
	GF32-200B*	5.5	7.5	53	24	50*32	7	94	2900		60	59.5	59	55	50.2	34.5	-
	GF32-200A*	7.5	10	61	24	50*32	7	97	2900		69.5	69	68.5	66	63	53	-
	GF32-250C*	9.2	12.5	75	24	50*32	7	117	2900		75	75	74.5	72	69	59	-
	GF32-250B*	11	15	90	24	50*32	7	132	2900		90	89.5	88	82	78	66	-
	GF32-250A*	15	20	97	24	50*32	7	138	2900		97	96.5	96	90	86	73	-

Model		Power		Max head	Max. flow	Size	Suct. Max.	N/W	Rated speed	Q (m³/h)	0	18	24	27	36	42	48
Single-phase	Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	300	400	450	600	700	800
GFm40-125C	GF40-125C	1.1	1.5	14.7	36	65*40	7	36	2900		14.7	13	11.5	10.1	5.8	-	-
GFm40-125B	GF40-125B	1.5	2	18.1	42	65*40	7	38	2900		18.1	17	15	13.9	10	6	-
GFm40-125A	GF40-125A	2.2	3	24.5	48	65*40	7	40	2900		24.5	23.2	21.5	20.2	16	13	8.3
GFm40-160B	GF40-160B	3	4	31.8	42	65*40	7	47	2900		31.8	29.5	27.5	26.3	21.5	17.5	-
	GF40-160A	4	5.5	38	48	65*40	7	49	2900		38	36	34	33	28.5	25	20.1
	GF40-200B*	5.5	7.5	46	42	65*40	7	64	2900	H(m)	46	43.8	41.3	40.1	35	30	-
	GF40-200A*	7.5	10	57	48	65*40	7	69	2900		57	53.6	51.5	50	45	41	36.5
	GF40-250D	9.2	12.5	64	48	65*40	7	117	2900		64	59	56.5	55	49.5	45	39.8
	GF40-250C	11	15	72	48	65*40	7	132	2900		72	67.5	65	63.5	57.5	52.2	47
	GF40-250B	15	20	84.5	48	65*40	7	138	2900		84.5	79.3	77.3	75.2	70	66	61
	GF40-250A	18.5	25	90	48	65*40	7	156	2900		90	85.5	82.8	80.7	75.8	70.5	66.5

GFM STANDARD CENTRIFUGAL PUMP

: "" Stainless steel impeller
*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model		Power		Max head	Max. flow	Size	Suct. Max.	N/W	Rated speed	Q (m³/h)	0	36	42	48	54	72	84	90
Single-phase	Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	600	700	800	900	1200	1400	1500
GFm50-125C	GF50-125C	2.2	3	17	72	65*50	7	49	2900		17	15.4	14	12.8	11.5	6.5	-	-
GFm50-125B	GF50-125B	3	4	20	72	65*50	7	51	2900		20	18.8	18	17	15.6	11	-	-
	GF50-125A	4	5.5	24	84	65*50	7	54	2900		24	23.1	23	21.5	20.3	15.8	11.8	-
	GF50-160C	4	5.5	28	84	65*50	7	65	2900		28	23.1	23	21.5	20.3	15.8	11.8	-
	GF50-160B	5.5	7.5	32	84	65*50	7	64	2900		32	30.6	30	28	26.6	20.5	14.8	-
	GF50-160A	7.5	10	40	90	65*50	7	71	2900		40	38	37	36	34.4	29	24	21
	GF50-200C	9.2	12	50.5	84	65*50	7	110	2900	H(m)	50.5	46.8	45	43	40.9	32.5	26.7	-
	GF50-200B	11	15	57.5	90	65*50	7	125	2900		57.5	53.5	52	50	47.5	40	34	29
	GF50-200A	15	20	62	90	65*50	7	143	2900		62	58	56.5	54.5	52	44.5	39	35.5
	GF50-250C	15	20	68.5	84	65*50	7	143	2900		68.5	64	63	61.5	59	50	41	-
	GF50-250B	18.5	25	79	90	65*50	7	156	2900		79	75.8	74.8	74	71.5	63.5	55.5	47
	GF50-250A	22	30	89.5	90	65*50	7	164	2900		89.5	86	85.3	84	81.5	73.5	63.5	57

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	54	72	90	108	120	138	144	180	210
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	900	1200	1500	1800	2000	2300	2400	3000	3500
GF65-125C	4	5.5	19	90	80*65	7	65	2900		19	16.8	14.5	11.8	-	-	-	-	-	-
GF65-125B	5.5	7.5	23	108	80*65	7	71	2900		23	20.9	19	16.7	13.7	-	-	-	-	-
GF65-125A	7.5	10	27	120	80*65	7	73	2900		27	25.6	24.5	22.5	20	18	-	-	-	-
GF65-160C	9.2	12.5	33	120	80*65	7	100	2900		33	31.5	30	27.1	24	21.5	-	-	-	-
GF65-160B	11	15	36	120	80*65	7	122	2900		36	34.5	33	30.8	28	25.5	-	-	-	-
GF65-160A	15	20	42	138	80*65	7	137	2900		42	41	40	37.8	35	33	29.5	-	-	-
GF65-200C	15	20	45	120	80*65	7	145	2900		45	45.5	43	40.2	36.5	34	-	-	-	-
GF65-200B	18.5	25	52	120	80*65	7	158	2900	H(m)	52	52.3	51	48.2	44.5	42	-	-	-	-
GF65-200A	22	30	59	138	80*65	7	165	2900		59	59.5	58	55	52	49.5	44.5	-	-	-
GF65-250C	22	30	64.8	120	80*65	7	195	2900		64.8	64.7	62	58.5	53	50	-	-	-	-
GF65-250B	30	40	80	138	80*65	7	241	2900		80	79.8	77.5	74.5	70	66	58	-	-	-
GF65-250A	37	50	92	138	80*65	7	310	2900		92	90.5	88.5	85	80.5	78	68	-	-	-
GF65-315D	45	60	102	144	80x65	7	371	2900		102	-	-	94.5	92	90	85	83	-	-
GF65-315C	55	75	122	180	80x65	7	450	2900		122	-	-	114.5	112	110	102	100	76	-
GF65-315B	75	100	141	210	80x65	7	582	2900		141	-	-	134.5	132	130	122.5	120	96	65.5
GF65-315A	90	125	151	210	80x65	7	617	2900		151	-	-	144.5	142	140	133	130	106	75.5

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	60	90	120	144	180	200	210	220	240
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	1000	1500	2000	2400	3000	3333	3500	3666	4000
GF80-125C	4	5.5	17	120	100*80	7	66	2900		17	15	12.3	7.5	-	-	-	-	-	-
GF80-125B	5.5	7.5	21	138	100*80	7	72	2900		21	19.6	17.4	13.4	9.5	-	-	-	-	-
GF80-125A	7.5	10	26	138	100*80	7	74	2900		26	24.8	23	19.5	16.5	-	-	-	-	-
GF80-160D	11	15	28	180	100*80	7	128	2900		28	27	27.3	24.5	21.1	16	-	-	-	-
GF80-160C	15	20	34	210	100*80	7	145	2900		34	32.6	32.5	30.2	27	22.1	18.5	16.7	-	-
GF80-160B	18.5	25	39	210	100*80	7	156	2900		39	38.5	38	36.7	33.6	28.8	25.3	23.5	-	-
GF80-160A	22	30	44	210	100*80	7	165	2900		44	43.5	43	41.7	38.6	33.8	30.3	28.5	-	-
GF80-200B	22	30	48	210	100*80	7	208	2900		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5	-	-
GF80-200A	30	40	60	210	100*80	7	220	2900		60	59.7	59.5	57	53.1	47	42.7	40.5	-	-
GF80-250C	37	50	71.5	210	100*80	7	299	2900	H(m)	71.5	70.9	70.5	65.5	59.3	51	43.2	38.5	-	-
GF80-250B	45	60	88	210	100*80	7	350	2900		88	86.7	86	83.6	78.5	70.5	60	51	-	-
GF80-250A	55	75	94.5	210	100*80	7	394	2900		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3	-	-
GF80-315D	45	60	85	210	100x80	7	381	2900		85	84	82.6	82	78	68.3	61	56	-	-
GF80-315C	55	75	98	210	100x80	7	460	2900		98	97	95.6	95	91	81.3	74	69	-	-
GF80-315B	75	100	124	240	100x80	7	592	2900		124	123	121.6	121	117	107.3	100	95	90	80.8
GF80-315A	90	125	144	240	100x80	7	627	2900		144	143	141.6	141	137	127.3	120	115	110	100.8

GFM STANDARD CENTRIFUGAL PUMP

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	120	144	180	200	210	220	240	300	360	400
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	2000	2400	3000	3333	3500	3666	4000	5000	6000	6666
GF100-160C	15	20	35	240	125*100	7	146	2900		35	30	27.8	24.5	21.5	20	18.3	15	-	-	-
GF100-160B	18.5	25	38.5	240	125*100	7	157	2900		38.5	34.3	32.2	29	25.7	24	22	18	-	-	-
GF100-160A	22	30	43	240	125*100	7	166	2900		43	37.6	35.2	31.5	28.5	27	25.3	22	-	-	-
GF100-200C	22	30	38.5	300	125*100	7	210	2900		38.5	33.8	31.7	28.5	26.8	26	25	22.9	13	-	-
GF100-200B	30	40	44.5	300	125*100	7	220	2900		44.5	40.2	38.8	36.7	34.2	33	31.7	29	18	-	-
GF100-200A	37	50	55	300	125*100	7	305	2900		55	50.6	49.2	47	45	44	42.8	40.5	29	-	-
GF100-250C	45	60	65	300	125*100	7	355	2900		65	63	61	58	56	55	53.3	50	33.5	-	-
GF100-250B	55	75	77	300	125*100	7	398	2900		77	75	73.8	72	71.7	71.5	70.7	69	59	-	-
GF100-250A	75	100	91	360	125*100	7	468	2900		91	89.7	88	85.5	84	83.3	81.5	78	68.5	48	-
GF100-315E	75	100	80	360	125x100	7	591	2900	H(m)	80	78.5	76.7	74	73	72.8	72.5	70.7	64	52	-
GF100-315D	90	125	100	360	125x100	7	625	2900		100	98.5	96.7	94	93	92.8	92.5	90.7	84	72	-
GF100-315C	110	150	118	360	125x100	7	972	2900		118	116.5	114.7	112	111	110.8	110.5	108.7	102	90	-
GF100-315B	132	180	129	360	125x100	7	1081	2900		129	127.5	125.7	123	122	121.8	121.5	119.7	112	101	-
GF100-315A	160	220	148	360	125x100	7	1125	2900		148	146.5	144.7	142	141	140.8	140.5	138.7	132	120	-
GF125-200C	45	60	39.8	400	150x125	7	378	2900		39.8	39.3	39.2	39	38.9	38.9	38.8	37.5	34	28.6	25
GF125-200B	55	75	50.5	400	150x125	7	457	2900		50.5	49.3	49.2	49	48.9	48.9	48.8	47.5	44	38.6	35
GF125-200A	75	100	61.5	400	150x125	7	589	2900		61.5	60.3	60.2	60	59.9	59.9	59.8	58.5	55	49.6	46
GF125-250C	55	75	70	300	150x125	7	457	2900		70	67	66	64	63	62	61	59.5	50.5	-	-
GF125-250B	75	100	80	360	150x125	7	589	2900		80	76.5	75.5	74	73	72	71.5	70	65	56	-
GF125-250A	90	125	87	400	150x125	7	624	2900		87	84	82.5	81	79.5	79	78	77	71.5	65	60

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	30	36	42	45	50	60	72	84	96	108
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	500	600	700	750	833	1000	1200	1400	1600	1800
GF 65-250C/4	3	4	15.4	72	80x65	7	71	1450		15.4	14.6	13.9	13.1	12.6	11.6	9.7	6.7	-	-	-
GF 65-250B/4	4	5.5	19	72	80x65	7	87	1450		19	18.3	17.8	17.2	16.9	16.1	14.4	11.7	-	-	-
GF 65-250A/4	5.5	7.5	22.3	84	80x65	7	98	1450		22.3	21.3	20.9	20.3	19.9	19.2	17.7	15.1	12	-	-
GF 65-315E/4	4	5.5	18.6	60	80x65	7	101	1450		18.6	17.9	17.3	16.7	16.2	15.2	13.3	-	-	-	-
GF 65-315D/4	5.5	7.5	22.1	72	80x65	7	112	1450	H(m)	22.1	-	21.2	20.6	20.2	19.2	17.3	14	-	-	-
GF 65-315C/4	7.5	10	26.5	84	80x65	7	130	1450		26.5	-	25.6	25.2	24.9	24.3	23	20.8	17.6	-	-
GF 65-315B/4	11	15	34.8	108	80x65	7	163	1450		34.8	-	34.2	33.9	33.7	33.2	32.1	30.2	27.4	23.7	18.7
GF 65-315A/4	15	20	40	108	80x65	7	185	1450		40	-	39.4	39.1	38.9	38.4	37.3	35.4	32.6	28.9	23.9

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	45	50	60	72	84	90	96	108	140	150
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	750	833	1000	1200	1400	1500	1600	1800	2333	2500
GF 80-200B/4	3	4	11.8	96	100x80	7	68	1450		11.8	11	10.7	10.1	9.2	8	7.3	6.6	-	-	-
GF 80-200A/4	4	5.5	14.2	108	100x80	7	84	1450		14.2	13.8	13.6	13.3	12.4	11.3	10.7	10	9	-	-
GF 80-250C/4	5.5	7.5	20.5	108	100x80	7	102	1450		20.5	19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1	-	-
GF 80-250B/4	7.5	10	24	108	100x80	7	120	1450		24	23.5	23.2	22.5	21.3	19.9	19	18.1	16	-	-
GF 80-250A/4	11	15	28.2	140	100x80	7	154	1450		28.2	27.5	27.2	26.5	25.3	23.9	23	22.1	20	15	-
GF 80-315D/4	5.5	7.5	19.7	108	100x80	7	122	1450	H(m)	19.7	19.1	18.8	18.1	16.8	15	13.9	12.8	10.1	-	-
GF 80-315C/4	7.5	10	24.6	108	100x80	7	140	1450		24.6	23.9	23.6	23	21.9	20.4	19.5	18.6	16.3	-	-
GF 80-315B/4	11	15	29.9	150	100x80	7	173	1450		29.9	29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5
GF 80-315A/4	15	20	36.8	150	100x80	7	195	1450		36.8	36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23
GF 80-400C/4	18.5	25	40.3	150	100x80	7	251	1450		40.3	39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5
GF 80-400B/4	22	30	45.1	150	100x80	7	271	1450		45.1	44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7
GF 80-400A/4	30	40	55.1	150	100x80	7	334	1450		55.1	54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2

*: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	60	72	84	90	96	108	140	150	200	250
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	1000	1200	1400	1500	1600	1800	2333	2500	3333	4167
GF 100-200C/4	4	5.5	11.8	150	125x100	7	89	1450		11.8	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9	-	-
GF 100-200B/4	5.5	7.5	13.3	200	125x100	7	100	1450		13.3	13	12.7	12.4	12.3	12	11.5	9.6	8.8	5.7	-
GF 100-200A/4	7.5	10	14.8	200	125x100	7	118	1450		14.8	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3	7.2	-
GF 100-250D/4	5.5	7.5	15.9	150	125x100	7	107	1450		15.9	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9	-	-
GF 100-250C/4	7.5	10	19.5	150	125x100	7	125	1450		19.5	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7	-	-
GF 100-250B/4	11	15	24.3	200	125x100	7	158	1450		24.3	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4	-
GF 100-250A/4	15	20	27.8	200	125x100	7	180	1450		27.8	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9	-
GF 100-315D/4	15	20	28	200	125x100	7	194	1450	H(m)	28	27.6	27.2	26.9	26.7	26.2	25.6	23.1	22.1	14.9	-
GF 100-315C/4	18.5	25	31	200	125x100	7	234	1450		31	30.6	30.2	29.9	29.7	29.2	28.6	26.1	25.1	17.9	-
GF 100-315B/4	22	30	35	250	125x100	7	254	1450		35	34.2	33.8	33.5	33.3	32.8	32.2	30	29	24	17.3
GF 100-315A/4	30	40	37	250	125x100	7	317	1450		37	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	28	21.3
GF 100-400C/4	30	40	46.4	200	125x100	7	348	1450		46.4	46	46	46	46	45	44	42	40	29.6	-
GF 100-400B/4	37	50	51.8	200	125x100	7	391	1450		51.8	51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3	-
GF 100-400A/4	45	60	57.1	250	125x100	7	418	1450		57.1	56.7	56.4	56.1	56	56	55	53	52	45	32.1

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	60	90	100	110	140	150	200	250	300	400
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667
GF 125-200C/4	5.5	7.5	11.4	200	150x125	7	107	1450		11.4	10.8	10.2	10	9.7	8.9	8.6	6.9	-	-	-
GF 125-200B/4	7.5	10	14.1	200	150x125	7	125	1450		14.1	13.6	13.1	12.9	12.7	11.9	11.6	9.6	-	-	-
GF 125-200A/4	11	15	18.1	250	150x125	7	170	1450		18.1	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8	-	-
GF 125-250D/4	7.5	10	15.4	150	150x125	7	137	1450		15.4	15.3	15	14.8	14.6	13.6	13.1	-	-	-	-
GF 125-250C/4	11	15	19.4	250	150x125	7	170	1450		19.4	19.3	19.1	19	18.9	18.1	17.8	15.3	11.7	-	-
GF 125-250B/4	15	20	23.2	300	150x125	7	192	1450	H(m)	23.2	23.3	23.1	23	22.9	22	22	19.8	16.5	12.3	-
GF 125-250A/4	18.5	25	25.6	300	150x125	7	232	1450		25.6	25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5	-
GF 125-315D/4	18.5	25	27.3	300	150x125	7	252	1450		27.3	-	-	26.9	26.7	25.9	25.6	23.3	19.7	14.9	-
GF 125-315C/4	22	30	30	300	150x125	7	272	1450		30	-	-	29.7	29.6	28.9	28.6	26.5	23.2	18.4	-
GF 125-315B/4	30	40	35.6	300	150x125	7	335	1450		35.6	-	-	35.4	35.3	34.8	34.6	32.9	30.1	26.1	-
GF 125-315A/4	37	50	38.2	400	150x125	7	378	1450		38.2	-	-	38	37.9	37.4	37.2	35.7	33.1	29.4	17.8

Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	110	140	150	200	250	300	400	500	600
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	1833	2333	2500	3333	4167	5000	6667	8333	10000
GF 150-200D/4	11	15	14	400	200x150	7	197	1450		14	13.5	13.4	13.3	13.1	12.9	11.7	7.8	-	-
GF 150-200C/4	15	20	16.3	400	200x150	7	219	1450		16.3	15.5	15.3	15.2	14.8	14.3	13.5	11.1	-	-
GF 150-200B/4	18.5	25	18.3	500	200x150	7	259	1450		18.3	17.5	17.3	17.2	16.8	16.3	15.5	13.1	10	-
GF 150-200A/4	22	30	20.3	500	200x150	7	279	1450		20.3	19.5	19.3	19.2	18.8	18.3	17.5	15.1	12	-
GF 150-250D/4	15	20	17.5	400	200x150	7	226	1450		17.5	-	-	16.8	15.9	14.7	13.2	9.2	-	-
GF 150-250C/4	18.5	25	21.3	500	200x150	7	266	1450		21.3	-	-	20.8	20	18.9	17.5	13.8	8.7	-
GF 150-250B/4	22	30	24	500	200x150	7	286	1450		24	-	-	23.6	23	22	20.8	17.1	12	-
GF 150-250A/4	30	40	25.5	500	200x150	7	349	1450		25.5	-	-	25	24.5	23.5	22	18.8	13.8	-
GF 150-315D/4	37	50	33.6	500	200x150	7	395	1450		33.6	-	-	33.5	32.7	31.7	30.4	26.7	21.4	-
GF 150-315C/4	45	60	37.7	500	200x150	7	422	1450		37.7	-	-	37.6	36.9	35.9	34.7	31.3	26.5	-
GF 150-315B/4	55	75	40	500	200x150	7	511	1450		40	-	-	40	39.3	38.4	37.2	33.9	29.4	-
GF 150-315A/4	75	100	47	600	200x150	7	639	1450		47	-	-	47	46.3	45.4	44.2	40.9	36.4	29
GF 150-400E/4	55	75	48.2	500	200x150	7	532	1450		48.2	-	47.7	48	46	45	42	36.8	29.2	-
GF 150-400D/4	75	100	55.4	600	200x150	7	660	1450		55.4	-	55	55	54	53	51	47	41	32.2
GF 150-400C/4	90	125	59.5	600	200x150	7	752	1450		59.5	-	59	59	58	57	56	52	46	37.7
G4 150-400B/4	110	150	65.5	600	200x150	7	1053	1450		65.5	-	65	65	64	63	62	58	52	43.7
GF 150-400A/4	132	180	72	600	200x150	7	1147	1450		72	-	71.5	71.5	70.5	69.5	68.5	64.5	58.5	50.2

GS STANDARD CENTRIFUGAL PUMP

Installation And Use

GS is stainless steel horizontal single- stage centrifugal pump, it is a versatile product with a wide range of applications. It can transport various medium, including water or industrial liquids, adapted to different temperature, flow rate and pressure range.This series can be used to supply and move water in cooling, heating, circulating, swimming pool and condition systems, as well as fire fighting, irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **25000 L/min (1500 m³/h)**

Head up to **153 m**

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Manometric suction lift up to 7 m
Liquid temperature - 20℃ ~ + 100℃
Ambient temperature up to + 40℃
Maximum Pressure: 10 Bar

Construction

Pump Body: cast iron.
Impeller: Stainless steel or cast iron.
Motor Shaft: stainless steel .
Mechanical Seal: Ceramic steatite.
Electric Motor: Single- phase 230V- 50Hz with condenser and thermal overload protector built into the copper winding; Three-phase 380/ 400V-50Hz.
Insulation: Class F.
Protection: IP 55.

GS

GSM

INDUSTRY MUNICIPAL

: "" Stainless steel impeller

*: GSM means Complete set with motor

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	6	9	15	18	24	27	36	42	48
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	100	150	250	300	400	450	600	700	800
GS(M)32-160C*	1.5	2	25.4	18	50*32	7		25.4	23.7	22.5	18.5	15.8	-	-	-	-	-
GS(M)32-160B*	2.2	3	31	24	50*32	7		31	29.6	28.5	24.5	22	15	-	-	-	-
GS(M)32-160A*	3	4	35	27	50*32	7		35	34.3	32.5	28	25.5	19	15	-	-	-
GS(M)32-200B*	3	4	44.2	27	50*32	7		44.2	42	39.8	35.2	32.2	24.6	19.8	-	-	-
GS(M)32-200A*	4	5.5	54.5	27	50*32	7		54.5	52	50	45.5	42.3	35	30.3	-	-	-
GS(M)32-250E	5.5	7.5	60	24	50*32	7		60	59.5	59	55	50.2	34.5	-	-	-	-
GS(M)32-250D	7.5	10	69.5	24	50*32	7		69.5	69	68.5	66	63	53	-	-	-	-
GS(M)32-250C	9.2	12.5	75	24	50*32	7		75	75	74.5	72	69	59	-	-	-	-
GS(M)32-250B	11	15	90	24	50*32	7	H(m)	90	89.5	88	82	78	66	-	-	-	-
GS(M)32-250A	15	20	97	24	50*32	7		97	96.5	96	90	86	73	-	-	-	-
GS(M)40-160B	3	4	31.8	42	65*40	7		31.8	-	-	-	29.5	27.5	26.3	21.5	17.5	-
GS(M)40-160A	4	5.5	38	48	65*40	7		38	-	-	-	36	34	33	28.5	25	20.1
GS(M)40-200B*	5.5	7.5	46	42	65*40	7		46	-	-	-	43.8	41.3	40.1	35	30	-
GS(M)40-200A*	7.5	10	57	48	65*40	7		57	-	-	-	53.6	51.5	50	45	41	36.5
GS(M)40-250D	9.2	12.5	64	48	65*40	7		64	-	-	-	59	56.5	55	49.5	45	39.8
GS(M)40-250C	11	15	72	48	65*40	7		72	-	-	-	67.5	65	63.5	57.5	52.2	47
GS(M)40-250B	15	20	84.5	48	65*40	7		84.5	-	-	-	79.3	77.3	75.2	70	66	61
GS(M)40-250A	18.5	25	90	48	65*40	7		90	-	-	-	85.5	82.8	80.7	75.8	70.7	66.5

*: GSM means Complete set with motor

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	36	42	48	54	72	84	90	108	120	138
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	600	700	800	900	1200	1400	1500	1800	2000	2300
GS(M)40-315E	18.5	25	95	42	65*40	7		95	87	81	-	-	-	-	-	-	-	-
GS(M)40-315D	22	30	106	42	65*40	7		106	98	92	-	-	-	-	-	-	-	-
GS(M)40-315C	30	40	120	42	65*40	7		120	115	112	-	-	-	-	-	-	-	-
GS(M)40-315B	37	50	144	48	65*40	7		144	141	140	132	-	-	-	-	-	-	-
GS(M)40-315A	45	60	160	48	65*40	7		160	158	157	152	-	-	-	-	-	-	-
GS(M)50-125C	2.2	3	17	72	65*50	7		17	15.4	14	12.8	11.5	6.5	-	-	-	-	-
GS(M)50-125B	3	4	20	72	65*50	7		20	18.8	18	17	15.6	11	-	-	-	-	-
GS(M)50-125A	4	5.5	24	84	65*50	7		24	23.1	23	21.5	20.3	15.8	11.8	-	-	-	-
GS(M)50-160B	5.5	7.5	32	84	65*50	7		32	30.6	30	28	26.6	20.5	14.8	-	-	-	-
GS(M)50-160A	7.5	10	40	90	65*50	7		40	38	37	36	34.4	29	24	21	-	-	-
GS(M)50-200C	9.2	12.5	50.5	84	65*50	7		50.5	46.8	45	43	40.9	32.5	26.7	-	-	-	-
GS(M)50-200B	11	15	57.5	90	65*50	7		57.5	53.5	52	50	47.5	40	34	29	-	-	-
GS(M)50-200A	11	15	62	90	65*50	7		62	58	56.5	54.5	52	44.5	39	35.5	-	-	-
GS(M)50-250D	15	20	68.5	84	65x50	7		68.5	64	63	61.5	59	50	41	-	-	-	-
GS(M)50-250C	18.5	25	79	90	65x50	7		79	75.8	74.8	74	71.5	63.5	55.5	47	-	-	-
GS(M)50-250B	22	30	89.5	90	65x50	7		89.5	86	85.3	84	81.5	73.5	63.5	57	-	-	-
GS(M)50-250A	30	40	95.5	90	65x50	7		95.5	92	91.3	90	87.5	79.5	70	63	-	-	-
GS(M)50-315E	30	40	97	84	65x50	7		97	94	92	90.5	88	80	72	-	-	-	-
GS(M)50-315D	37	50	114	90	65x50	7		114	111	109	107.5	105	97	89	84	-	-	-
GS(M)50-315C	45	60	132	90	65x50	7		132	129	127	125.5	123	115	107	102	-	-	-
GS(M)50-315B	55	75	146	90	65x50	7	H(m)	146	143	141	139.5	137	129	121	116	-	-	-
GS(M)50-315A	75	100	164	90	65x50	7		164	161	159	157.5	155	147	139	134	-	-	-
GS(M)65-125C	4	5.5	19	90	80*65	7		19	-	-	17.3	16.8	14.5	13	11.8	-	-	-
GS(M)65-125B	5.5	7.5	23	108	80*65	7		23	-	-	21.3	20.9	19	17.5	16.7	13.7	-	-
GS(M)65-125A	7.5	10	27	120	80*65	7		27	-	-	26	25.6	24.5	23	22.5	20	18	-
GS(M)65-160C	9.2	12.5	33	120	80*65	7		33	-	-	-	31.5	30	28	27.1	24	21.5	-
GS(M)65-160B	11	15	36	120	80*65	7		36	-	-	-	34.5	33	31.5	30.8	28	25.5	-
GS(M)65-160A	15	20	42	138	80*65	7		42	-	-	-	41	40	38.5	37.8	35	33	29.5
GS(M)65-200C	15	20	45	120	80*65	7		45	-	-	-	45.5	43	41	40.2	36.5	34	-
GS(M)65-200B	18.5	25	52	120	80*65	7		52	-	-	-	52.3	51	49	48.2	44.5	42	-
GS(M)65-200A	22	30	59	138	80*65	7		59	-	-	-	59.5	58	56	55	52	49.5	44.5
GS(M)65-250C	22	30	64.8	120	80*65	7		64.8	-	-	-	64.7	62	60	58.5	53	50	-
GS(M)65-250B	30	40	80	138	80*65	7		80	-	-	-	79.8	77.5	75.5	74.5	70	66	58
GS(M)65-250A	37	50	92	138	80*65	7		92	-	-	-	90.5	87	87	85	80.5	78	68
GS(M)65-315D	45	60	102	138	80*65	7		102	-	-	-	99.2	97	95	94.5	92.4	90	83
GS(M)65-315C	55	75	122	180	80*65	7		122	-	-	-	119.2	117.4	115.7	114.5	112.5	110	103
GS(M)65-315B	75	100	141	210	80*65	7		141	-	-	-	139.8	137.3	135.6	134.5	132.5	130	122
GS(M)65-315A	90	125	151	210	80*65	7		151	-	-	-	149.8	147.3	145.6	144.5	142.5	140	132
GS(M)80-125C	4	5.5	17	120	100*80	7		17	-	-	16.5	15.9	14.3	13.5	11.6	10	7.5	-
GS(M)80-125B	5.5	7.5	21	138	100*80	7		21	-	-	20.5	20	19	18	16.5	15	12.5	9.5
GS(M)80-125A	7.5	10	26	138	100*80	7		26	-	-	25	25	24.5	23.8	22.5	21.5	19.5	16.5

GS STANDARD CENTRIFUGAL PUMP

*: GSM means Complete set with motor

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	60	90	120	144	180	200	210	220	240	280	300
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	1000	1500	2000	2400	3000	3333	3500	3666	4000	4666	5000
GS(M)80-160D	11	15	28	180	100*80	7		28	27	27.3	24.5	21.1	16	-	-	-	-	-	-
GS(M)80-160C	15	20	34	210	100*80	7		34	32.6	32.5	30.2	27	22.1	18.5	16.7	-	-	-	-
GS(M)80-160B	18.5	25	39	210	100*80	7		39	38.5	38	36.7	33.6	28.8	25.3	23.5	-	-	-	-
GS(M)80-160A	22	30	44	210	100*80	7		44	43.5	43	41.7	38.6	33.8	30.3	28.5	-	-	-	-
GS(M)80-200B	22	30	48	210	100*80	7		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5	-	-	-	-
GS(M)80-200A	30	40	60	210	100*80	7		60	59.7	59.5	57	53.1	47	42.7	40.5	-	-	-	-
GS(M)80-250D	37	50	71.5	210	100*80	7		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5	-	-	-	-
GS(M)80-250C	45	60	88	210	100*80	7		88	86.7	86	83.6	78.5	70.5	60	51	-	-	-	-
GS(M)80-250B	55	75	94.5	210	100*80	7		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3	-	-	-	-
GS(M)80-250A	75	100	108.5	210	100*80	7		108.5	108.5	108.5	105.8	101	93.5	86.1	82.3	-	-	-	-
GS(M)80-315E	45	60	85	210	100*80	7		85	84	82.6	82	78	68.3	61	56	-	-	-	-
GS(M)80-315D	55	75	98	210	100*80	7		98	97	95.6	95	91	81.3	74	69	-	-	-	-
GS(M)80-315C	75	100	124	240	100*80	7		124	123	121.6	121	117	107.3	100	95	90	80.8	-	-
GS(M)80-315B	90	125	144	240	100*80	7		144	143	141.6	141	137	127.3	120	115	110	100.8	-	-
GS(M)80-315A	110	150	153	240	100*80	7		153	152	150.6	150	146	136.3	129	124	119	109.8	-	-
GS(M)100-160C	15	20	35	240	125*100	7		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15	-	-
GS(M)100-160B	18.5	25	38.5	240	125*100	7		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18	-	-
GS(M)100-160A	22	30	43	240	125*100	7		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22	-	-
GS(M)100-200D	22	30	38.5	300	125*100	7		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13
GS(M)100-200C	30	40	44.5	300	125*100	7		44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18
GS(M)100-200B	37	50	55	300	125*100	7		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29
GS(M)100-200A	45	60	61	300	125*100	7		61	59	57	56.6	55.2	53	51	50	48.8	46.5	38.8	35
GS(M)100-250D	45	60	65	300	125*100	7		65	65	64	63	61	58	56	55	53.3	50	39	33.5
GS(M)100-250C	55	75	77	300	125*100	7		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59
GS(M)100-250B	75	100	91	360	125*100	7		91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5
GS(M)100-250A	90	125	100	360	125*100	7		100	100	99.5	98.7	97	94.5	93	92.3	90.5	87	80.7	77.5
GS(M)100-315E	75	100	80	360	125*100	7		80	-	-	78.5	76.7	74	73	72.8	72.5	70.7	68	64
GS(M)100-315D	90	125	100	360	125*100	7		100	-	-	98.5	96.7	94	93	92.8	92.5	90.7	88	84
GS(M)100-315C	110	150	118	360	125*100	7		118	-	-	116.5	114.7	112	111	110.8	110.5	108.7	106	102
GS(M)100-315B	132	180	129	360	125*100	7		129	-	-	127.5	125.7	123	122	121.8	121.5	119.7	117	112
GS(M)100-315A	160	220	148	360	125*100	7		148	-	-	146.5	144.7	142	141	140.8	140.5	138.7	136	132

H(m)

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	120	180	200	240	280	300	360	400	500	600
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	2000	3000	3333	4000	4667	5000	6000	6667	8333	10000
GS(M)125-200C	45	60	39.8	400	150*125	7		39.8	39.3	39	38.9	37.5	35	34	28.6	25	-	-
GS(M)125-200B	55	75	50.5	400	150*125	7		50.5	49.3	49	48.9	47.5	45	44	38.6	35	-	-
GS(M)125-200A	75	100	61.5	400	150*125	7		61.5	60.3	60	59.9	58.5	56	55	49.6	46	-	-
GS(M)125-250D	55	75	70	300	150*125	7		70	67	64	63	59.5	54	50.5	-	-	-	-
GS(M)125-250C	75	100	80	360	150*125	7		80	76.5	74	73	70	67	65	56	-	-	-
GS(M)125-250B	90	120	87	400	150*125	7		87	84	81	79.5	77	73.5	71.5	65	60	-	-
GS(M)125-250A	110	150	97	400	150*125	7		97	94	91	90	87.4	84	83.5	76	71	-	-
GS(M)125-315D	132	180	96	500	150*125	7		96	-	-	95.2	94.8	94	93.5	91.8	88.5	76	-
GS(M)125-315C	160	220	112	600	150*125	7		112	-	-	111.2	110.8	110	109.5	107.8	106	97.5	80
GS(M)125-315B	185	250	125	600	150*125	7		125	-	-	124.2	123.8	123	122.5	120.8	119	109	90
GS(M)125-315A	200	270	136	600	150*125	7		136	-	-	135.2	134.8	134	133.5	131.8	130	120	101

H(m)

GS STANDARD CENTRIFUGAL PUMP

*: GSM means Complete set with motor

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	220	240	280	300	360	400	500	600	660	800	1000
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	3667	4000	4667	5000	6000	6667	8333	10000	11000	13333	16667
GS(M)150-200E	75	100	50	660	200*150	7		50	48	47.9	47.6	47.2	45.8	44.6	41	35.5	30.5	-	-
GS(M)150-200D	90	125	56	800	200*150	7		56	54	53.9	53.6	53.2	52.7	52.4	48	42.8	39.2	30	-
GS(M)150-200C	110	150	65.2	800	200*150	7		65.2	62	61.7	61.2	60.8	59.8	59.2	57.2	54	51.6	42	-
GS(M)150-200B	132	180	71	800	200*150	7		71	68.5	67.7	67.2	66.8	65.8	65.2	63.2	60	57.6	48	-
GS(M)150-200A	160	220	77	800	200*150	7		77	74	74	73.2	72.8	71.8	71.2	69.2	66	63.6	54	-
GS(M)150-250D	110	150	67	800	200*150	7		67	-	-	-	63	61.7	60	55.8	51.8	48	37.8	-
GS(M)150-250C	132	180	80.2	1000	200*150	7		80.2	-	-	-	78	76.3	73.5	70	65	62	53	37.8
GS(M)150-250B	160	220	90	1000	200*150	7		90	-	-	-	88	86	85	82	77.2	75	66	48
GS(M)150-250A	200	270	100	1000	200*150	7		100	-	-	-	97	96	95	92	87.2	85	76	57
GS(M)150-315D	185	250	92	800	200*150	7		92	-	-	-	90	88.3	87.2	82.8	77.8	72	60	-
GS(M)150-315C	250	340	111	1000	200*150	7		111	-	-	-	110	108	106	102	96	92	81	62.2
GS(M)150-315B	280	380	124	1000	200*150	7		124	-	-	-	121	119	118	114	109	105	94	73.6
GS(M)150-315A	315	430	135	1000	200*150	7		135	-	-	-	134	133	132	128	122	118	106	85

H(m)

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	24	30	36	42	45	50	60	72	84	90	108
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	400	500	600	700	750	833	1000	1200	1400	1500	1800
GSM 65-160C/4	1.1	1.5	8	72	80*65	7		8	7.5	7.3	7	6.6	6.3	5.8	4.8	3.4	-	-	-
GSM 65-160B/4	1.5	2	9	72	80*65	7		9	8.5	8.3	8	7.6	7.4	6.9	6	4.6	-	-	-
GSM 65-160A/4	2.2	3	10.3	84	80*65	7		10.3	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5	-	-
GSM 65-200C/4	1.5	2	10	72	80*65	7		10	-	9.6	9.1	8.5	8.2	7.6	6.4	4.6	-	-	-
GSM 65-200B/4	2.2	3	12.4	72	80*65	7		12.4	-	12.2	11.8	11.3	11	10.4	9.3	7.6	-	-	-
GSM 65-200A/4	3	4	14.4	84	80*65	7		14.4	-	14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5	-	-
GSM 65-250C/4	3	4	15.4	72	80*65	7		15.4	-	14.6	13.9	13.1	12.6	11.6	9.7	6.7	-	-	-
GSM 65-250B/4	4	5.5	19	72	80*65	7		19	-	18.3	17.8	17.2	16.9	16.1	14.4	11.7	-	-	-
GSM 65-250A/4	5.5	7.5	22.3	84	80*65	7		22.3	-	21.3	20.9	20.3	19.9	19.2	17.7	15.1	12	-	-
GSM 65-315E/4	4	5.5	18.6	60	80*65	7		18.6	-	17.9	17.3	16.7	16.2	15.2	13.3	-	-	-	-
GSM 65-315D/4	5.5	7.5	22.1	72	80*65	7		22.1	-	-	21.2	20.6	20.2	19.2	17.3	14	-	-	-
GSM 65-315C/4	7.5	10	26.5	84	80*65	7		26.5	-	-	25.6	25.2	24.9	24.3	23	20.8	17.6	-	-
GSM 65-315B/4	11	15	34.8	108	80*65	7		34.8	-	-	34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	18.7
GSM 65-315A/4	15	20	40	108	80*65	7		40	-	-	39.4	39.1	38.9	38.4	37.3	35.4	32.6	30.8	23.9

H(m)

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	45	50	60	72	84	90	96	108	140	150
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	750	833	1000	1200	1400	1500	1600	1800	2333	2500
GSM 80-160B/4	1.5	2	7.5	96	100*80	7		7.5	7.1	6.9	6.4	5.5	4.6	4.1	3.5	-	-	-
GSM 80-160A/4	2.2	3	9	108	100*80	7		9	8.6	8.4	8	7.4	6.6	6.2	5.7	5	-	-
GSM 80-200B/4	3	4	11.8	96	100*80	7		11.8	11	10.7	10.1	9.2	8	7.3	6.6	-	-	-
GSM 80-200A/4	4	5.5	14.2	108	100*80	7		14.2	13.8	13.6	13.3	12.4	11.3	10.7	10	9	-	-
GSM 80-250D/4	4	5.5	17	96	100*80	7		17	16	15.6	14.8	13.2	11.4	10.2	9	-	-	-
GSM 80-250C/4	5.5	7.5	20.5	108	100*80	7		20.5	19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1	-	-
GSM 80-250B/4	7.5	10	24	108	100*80	7		24	23.5	23.2	22.5	21.3	19.9	19	18.1	16	-	-
GSM 80-250A/4	11	15	28.2	140	100*80	7		28.2	27.5	27.2	26.5	25.3	23.9	23	22.1	20	15	-
GSM 80-315D/4	5.5	7.5	19.7	108	100*80	7		19.7	19.1	18.8	18.1	16.8	15	13.9	12.8	10.1	-	-
GSM 80-315C/4	7.5	10	24.6	108	100*80	7		24.6	23.9	23.6	23	21.9	20.4	19.5	18.6	16.3	-	-
GSM 80-315B/4	11	15	29.9	150	100*80	7		29.9	29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5
GSM 80-315A/4	15	20	36.8	150	100*80	7		36.8	36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23

H(m)

COMMERCIAL CENTRIFUGAL PUMP

GS STANDARD CENTRIFUGAL PUMP

* : GSM means Complete set with motor

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	45	50	60	72	84	90	96	108	140	150	200
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333
GSM 80-400D/4	18.5	25	40.3	150	100*80	7		40.3	39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5	-
GSM 80-400C/4	22	30	45.1	150	100*80	7		45.1	44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7	-
GSM 80-400B/4	30	40	55.1	150	100*80	7		55.1	54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2	-
GSM 80-400A/4	37	50	59	200	100*80	7		59	58.7	58.6	58.4	58	57.3	56.8	56.2	54.9	49.4	47.2	37.5
GSM 100-160C/4	2.2	3	5.9	108	125*100	7		5.9	5.8	5.7	5.5	5.3	5	4.9	4.6	4.3	-	-	-
GSM 100-160B/4	3	4	8.2	140	125*100	7		8.2	8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1	-	-
GSM 100-160A/4	4	5.5	11.5	150	125*100	7	H(m)	11.5	11.5	11.4	11.2	10.9	10.6	10.5	10.2	9.8	8.4	7.8	-
GSM 100-200D/4	4	5.5	11.8	150	125*100	7		11.8	11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9	-
GSM 100-200C/4	5.5	7.5	13.3	200	125*100	7		13.3	13.2	13.2	13	12.7	12.4	12.3	12	11.5	9.6	8.8	5.7
GSM 100-200B/4	5.5	7.5	14.8	200	125*100	7		14.8	14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3	7.2
GSM 100-200A/4	9.2	12.5	16.5	200	125*100	7		16.5	16.4	16.4	16.2	15.9	15.6	15.5	15.2	14.7	12.8	12	8.9
GSM 100-250D/4	5.5	7.5	15.9	150	125*100	7		15.9	15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9	-
GSM 100-250C/4	7.5	10	19.5	150	125*100	7		19.5	19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7	-
GSM 100-250B/4	11	15	24.3	200	125*100	7		24.3	24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4
GSM 100-250A/4	15	20	27.8	200	125*100	7		27.8	27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	50	60	72	84	90	96	108	140	150	200	250
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4167
GSM 100-315D/4	15	20	28	200	125*100	7		28	27.8	27.6	27.2	26.9	26.7	26.2	25.6	23.1	22.1	14.9	-
GSM 100-315C/4	18.5	25	31	200	125*100	7		31	30.8	30.6	30.2	29.9	29.7	29.2	28.6	26.1	25.1	17.9	-
GSM 100-315B/4	22	30	35	250	125*100	7		35	34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	24	17.3
GSM 100-315A/4	30	40	37	250	125*100	7	H(m)	37	36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	28	21.3
GSM 100-400D/4	30	40	46.4	200	125*100	7		46.4	-	46	46	46	46	45	44	42	40	29.6	-
GSM 100-400C/4	37	50	51.8	200	125*100	7		51.8	-	51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3	-
GSM 100-400B/4	45	60	57.1	250	125*100	7		57.1	-	56.7	56.4	56.1	56	56	55	53	52	45	32.1
GSM 100-400A/4	55	75	64	250	125*100	7		64	-	63.7	63.4	63.1	63	63	62	60	59	52	39.1

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	30	60	90	100	110	140	150	200	250	300	400
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	500	1000	1500	1667	1833	2333	2000	3333	3167	5000	6667
GSM 125-200C/4	5.5	7.5	11.4	200	150*125	7		11.4	11.1	10.8	10.2	10	9.7	8.9	8.6	6.9	-	-	-
GSM 125-200B/4	7.5	10	14.1	200	150*125	7		14.1	13.9	13.6	13.1	12.9	12.7	11.9	11.6	9.6	-	-	-
GSM 125-200A/4	11	15	18.1	250	150*125	7		18.1	17.9	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8	-	-
GSM 125-250D/4	7.5	10	15.4	150	150*125	7		15.4	-	15.3	15	14.8	14.6	13.6	13.1	-	-	-	-
GSM 125-250C/4	11	15	19.4	250	150*125	7		19.4	-	19.3	19.1	19	18.9	18.1	17.8	15.3	11.7	-	-
GSM 125-250B/4	15	20	23.2	300	150*125	7		23.2	-	23.3	23.1	23	22.9	22	22	19.8	16.5	12.3	-
GSM 125-250A/4	18.5	25	25.6	300	150*125	7		25.6	-	25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5	-
GSM 125-315D/4	18.5	25	27.3	300	150*125	7	H(m)	27.3	-	-	-	26.9	26.7	25.9	25.6	23.3	19.7	14.9	-
GSM 125-315C/4	22	30	30	300	150*125	7		30	-	-	-	29.7	29.6	28.9	28.6	26.5	23.2	18.4	-
GSM 125-315B/4	30	40	35.6	300	150*125	7		35.6	-	-	-	35.4	35.3	34.8	34.6	32.9	30.1	26.1	-
GSM 125-315A/4	37	50	38.2	400	150*125	7		38.2	-	-	-	38	37.9	37.4	37.2	35.7	33.1	29.4	17.8
GSM 125-400F/4	30	40	41	300	150*125	7		41	-	-	41	40.5	40.3	39.2	38.6	34.4	27.5	18.3	-
GSM 125-400E/4	37	50	46.2	300	150*125	7		46.2	-	-	46	45.7	45.5	44.6	44.2	40.7	34.8	26.5	-
GSM 125-400D/4	45	60	51.4	300	150*125	7		51.4	-	-	51	50.9	50.8	50.1	49.8	47	42.2	34.8	-
GSM 125-400C/4	55	75	56.5	400	150*125	7		56.5	-	-	56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7
GSM 125-400B/4	75	100	64.5	400	150*125	7		64.5	-	-	64.3	64.3	64.2	63.9	63.7	61.8	58.3	52.7	34.7
GSM 125-400A/4	90	125	70	400	150*125	7		70	-	-	69.8	69.8	69.7	69.4	69.2	67.3	63.8	58.2	40.2

GS STANDARD CENTRIFUGAL PUMP

* : GSM means Complete set with motor

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	110	140	150	200	250	300	400	500	600
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	1833	2333	2500	3333	4167	5000	6667	8333	10000
GSM 150-200D/4	11	15	14	400	200*150	7		14	13.5	13.4	13.3	13.1	12.9	11.7	7.8	-	-
GSM 150-200C/4	15	20	16.3	400	200*150	7		16.3	15.5	15.3	15.2	14.8	14.3	13.5	11.1	-	-
GSM 150-200B/4	18.5	25	18.3	500	200*150	7		18.3	17.5	17.3	17.2	16.8	16.3	15.5	13.1	10	-
GSM 150-200A/4	22	30	20.3	500	200*150	7		20.3	19.5	19.3	19.2	18.8	18.3	17.5	15.1	12	-
GSM 150-250D/4	15	20	17.5	400	200*150	7		17.5	-	-	16.8	15.9	14.7	13.2	9.2	-	-
GSM 150-250C/4	18.5	25	21.3	500	200*150	7		21.3	-	-	20.8	20	18.9	17.5	13.8	8.7	-
GSM 150-250B/4	22	30	24	500	200*150	7		24	-	-	23.6	23	22	20.8	17.1	12	-
GSM 150-250A/4	30	40	25.5	500	200*150	7		25.5	-	-	25	24.5	23.5	22	18.8	13.8	-
GSM 150-315E/4	30	40	30.2	400	200*150	7	H(m)	30.2	-	-	29.7	29	27.9	26.4	22.3	-	-
GSM 150-315D/4	37	50	33.6	500	200*150	7		33.6	-	-	33.5	32.7	31.7	30.4	26.7	21.4	-
GSM 150-315C/4	45	60	37.7	500	200*150	7		37.7	-	-	37.6	36.9	35.9	34.7	31.3	26.5	-
GSM 150-315B/4	55	75	40	500	200*150	7		40	-	-	40	39.3	38.4	37.2	33.9	29.4	-
GSM 150-315A/4	75	100	47	600	200*150	7		47	-	-	47	46.3	45.4	44.2	40.9	36.4	29
GSM 150-400E/4	55	75	48.2	500	200*150	7		48.2	-	47.7	48	46	45	42	36.8	29.2	-
GSM 150-400D/4	75	100	55.4	600	200*150	7		55.4	-	55	55	54	53	51	47	41	32.2
GSM 150-400C/4	90	120	59.5	600	200*150	7		59.5	-	59	59	58	57	56	52	46	37.7
GSM 150-400B/4	110	150	65.5	600	200*150	7		65.5	-	65	65	64	63	62	58	52	43.7
GSM 150-400A/4	130	80	72	600	200*150	7		72	-	71.5	71.5	70.5	69.5	68.5	64.5	58.5	50.2

Model	Power		Max head	Max. flow	Size	Suct. Max.	Q (m³/h)	0	200	400	600	800	900	1100	1300	1400	1500
Three-phase	kW	HP	m	m³/h	DN	m	Q (L/min)	0	3333	6667	10000	13333	15000	18333	21667	23333	25000
GSM 200-250C/4	37	50	23	800	250*200	7		23	22	19.8	16.1	9.3	-	-	-	-	-
GSM 200-250B/4	45	60	26	800	250*200	7		26	25	22.8	19.1	12.3	-	-	-	-	-
GSM 200-250A/4	55	75	30.7	800	250*200	7		30.7	29.7	27.5	23.8	17	-	-	-	-	-
GSM 200-315C/4	55	75	31.1	800	250*200	7		31.1	31	29.3	25	16	-	-	-	-	-
GSM 200-315B/4	75	100	35.1	800	250*200	7		35.1	35	33.3	29	20	-	-	-	-	-
GSM 200-315A/4	90	125	42.1	800	250*200	7		42.1	42	40.3	36	27	-	-	-	-	-
GSM 200-400D/4	75	100	41	800	250*200	7		41	40.9	38.9	34.9	28.9	-	-	-	-	-
GSM 200-400C/4	90	125	46.5	800	250*200	7	H(m)	46.5	46.4	44.4	40.4	34.4	-	-	-	-	-
GSM 200-400B/4	110	150	52.4	800	250*200	7		52.4	52.3	50.3	46.3	40.3	-	-	-	-	-
GSM 200-400A/4	132	180	60.1	900	250*200	7		60.1	60	58	54	48	40	-	-	-	-
GSM 250-315D/4	90	125	30.5	1300	300*250	7		30.5	-	29	28	27	26.4	24.8	21.8	-	-
GSM 250-315C/4	110	150	34.5	1300	300*250	7		34.5	-	33	32	31	30.4	28.8	25.8	-	-
GSM 250-315B/4	132	180	38.5	1400	300*250	7		38.5	-	37	36	35	34.4	32.8	29.8	28	-
GSM 250-315A/4	160	220	45	1400	300*250	7		45	-	43.5	42.5	41.5	40.9	39.3	36.3	34.5	-
GSM 250-400E/4	160	220	43	1400	300*250	7		43	-	42	40.8	39	38	36	32.5	30	-
GSM 250-400D/4	185	250	47	1400	300*250	7		47	-	46	44.8	43	42	40	36.5	34	-
GSM 250-400C/4	200	270	53	1500	300*250	7		53	-	52	50.8	49	48	46	42.5	40	38
GSM 250-400B/4	220	300	58	1500	300*250	7		58	-	57	55.8	54	53	51	47.5	45	43
GSM 250-400A/4	250	340	66	1500	300*250	7		66	-	65	63.8	62	61	59	55.5	53	51

GCB HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP

Installation And Use

GCB series is horizontal centrifugal pump, it's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

Flow rate up to 35.4 m³/h

Head up to 29 m

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Medium temperature:
low temperature: - 20~ + 70℃
standard model: + 15~ + 70℃
high temperature: + 70~ + 104℃

Environmental temperature: ≤ 50℃
Max.working pressure: 1.0MPa

Construction

Pump Body: Stainless steel.
Motor Shaft: stainless steel .
Motor housing: Aluminum.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Closed,externally ventilated.
Thermal protector: Single-phase.
Insulation: Class F.
Protection: IP 55.

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	1	2	3	4	5	6	6.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	16.7	33.3	50	66.7	83.3	100	108.3
GCBm50/025	GCB50/025	0.25	0.34	14	6	1.25"x1"	6.4	H(m)	14	14	13	12.5	11	9	5	
GCBm50/037	GCB50/037	0.37	0.5	17	6.6	1.25"x1"	6.4		17	16	15	14	13	11	9	7.5

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	6	12	18	24	30	33
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	100	200	300	400	500	550
GCBm250/055	GCB250/055	0.55	0.75	11.5	24	1.5"x1.5"	8.7		11.5	10	8	7	4		
GCBm250/075	GCB250/075	0.75	1	15	24	1.5"x1.5"	9.8		15	14	12	9	7		
GCBm300/110	GCB300/110	1.1	1.5	21	28.2	2"x1.5"	16		21	19	18	14	11		
GCBm300/150	GCB300/150	1.5	2	26	30.6	2"x1.5"	17.6	H(m)	25	22.5	20	17	12	7.5	
GCBm500/150	GCB500/150	1.5	2	21	31.8	2"x1.5"	17.6		21	20	19	16.5	14	11	8
GCBm500/220	GCB500/220	2.2	3	26	33.6	2"x1.5"	20		25	25.5	24	23.5	19	15	11
GCBm500/300	GCB500/300	3.0	4	29	35.4	2"x1.5"	23.8		29	28	26	24	21	18	13

GCO HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP

Installation And Use

GCO series is horizontal stainless steel pump, it's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to 43.8 m³/h

Head up to 21 m

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Medium temperature:
low temperature (- 20~ + 70℃)
standard model (+ 15~ + 70℃)
high temperature (+ 70~ + 104℃)

Environmental temperature: ≤ 50℃
Max.working pressure: 1 MPa

Construction

Pump Body: Stainless steel.
Motor Shaft: stainless steel .
Motor housing: Aluminum.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Closed,externally ventilated.
Thermal protector: Single-phase.
Insulation: Class F.
Protection: IP 55.

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	1	2	3	4	5	6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	16.7	33.3	50	66.7	83.3	100
GCOm40/025	GCO40/025	0.25	0.34	10	6	1.25"x1"	6.3	H(m)	10	9	8	7.5	7	6	5.5
GCOm60/037	GCO60/037	0.37	0.5	12	6	1.25"x1"	6.5		12	11.5	11	9.5	9	8	7
GCOm80/050	GCO80/050	0.37	0.5	11	5.9	1.25"x1"	6.5		11	10	9	8.5	7.5	6.5	

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	4	8	12	16	20	24	28	32	36	40
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	66	133	200	266	333	400	466	533	600	666
GCOm200/055	GCO200/055	0.55	0.75	12	18	1.5"x1.5"	8.8		12	8	7.8	7	6						
GCOm200/075	GCO200/075	0.75	1	12	18	1.5"x1.5"	9.8		12	8	7.8	7	6						
GCOm200/75H	GCO200/75H	0.75	1	14	20	1.5"x1.5"	9.8		14	11.5	11	10	8.5	7					
GCOm200/100	GCO200/100	1.0	1.35	14	20	1.5"x1.5"	10.7	H(m)	14	11.5	11	10	8.5	7					
GCOm300/110	GCO300/110	1.1	1.5	12	24.9	2"x2"	15.5		12	12	11.5	10.5	9	8	5.5				
GCOm300/150	GCO300/150	1.5	2	15	30	2"x2"	17.5		15	14.5	14	13.5	12	11	8.5	6.5			
GCOm500/220	GCO500/220	2.2	3	17	37.8	2.5"x2"	21.5		17	17	16.5	16	15.5	14	13.5	12.5	11.5	10	
/	GCO500/300	3.0	4	21	43.8	2.5"x2"	23.1		21	21	20	19	18	17	16.5	15.5	15	13.5	12

GCD HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP

Installation And Use

GCD series is horizontal centrifugal pump, it's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, circulating and conditioning systems, as well as irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

One stage impeller

Dual stage impeller

Flow rate up to **18 m³/h**

Head up to **76.5 m**

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Liquid temperature up to + 50℃
Ambient temperature up to + 50℃
Max.working pressure: 1 MPa

Construction

Pump Body: Stainless steel.
Motor Shaft: stainless steel . Motor
housing: Aluminum.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Single- phase with condenser and thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP 55.

HOUSEHOLD INDUSTRY MUNICIPAL

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	1.2	3	4.2	5.4	6.6	7.2	9	10.8	12	15
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	20	50	70	90	110	120	150	180	200	250
GCDm70/037	GCD70/037	0.37	0.5	21	7	G1¼"	10.8	H(m)	21	19	16	13.5	11						
GCDm70/055	GCD70/055	0.55	0.75	28.5	7	G1¼"	11.9		28.5	26	22	19	16						
GCDm90/075	GCD90/075	0.75	1	30	9	G1¼"	14		30	28.5	26	24.5	22.5	20	19				
GCDm120/055	GCD120/055	0.55	0.75	22	9.5	G1¼"	15.5		22		19.5	19	17.5	16.5	16	13.5			
GCDm120/090	GCD120/090	0.9	1.2	31.5	11	G1¼"	14		31.5		28	27	25	24	23	20	16		
GCDm120/150	GCD120/150	1.5	2	38	12	G1¼"	15.5		38		33.8	32.8	31	29.5	28.4	25.3	21.8		
GCDm200/090	GCD200/090	0.9	1.2	23.5	12	G1½"	14		23.5			20	19.5	19	18.5	16.5	15.5	15	
GCDm200/150	GCD200/150	1.5	2	31.5	13.5	G1½"	14.5		31.5			29	28	27	26.5	24.5	22	21	
GCDm200/185	GCD200/185	1.85	2.5	39	15	G1½"	21.7		39			36	35	34	33	31.5	29	27	23

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	1.2	3	4.2	5.4	6.6	7.2	9	10.8	12	15
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	20	50	70	90	110	120	150	180	200	250
2GCDm70/075	2GCD70/075	0.75	1	43.5	9	G1¼"	11.8	H(m)	43.5	40	36	33	28	24	21				
2GCDm70/090	2GCD70/090	0.9	1.2	48.5	9	G1¼"	12.9		48.5	45	39	34	27	20.5	16				
2GCDm70/110	2GCD70/110	1.1	1.5	56.5	8	G1¼"	15		56.5	52.5	48	43	35.5	29.5	25				
2GCDm70/150	2GCD70/150	1.5	2	63.5	8	G1¼"	16.5		63.5	58	53.5	48	41	32.5	20				
2GCDm120/110	2GCD120/110	1.1	1.5	43.5	11	G1¼"	15		43.5		40	38	35	33	32	27.5			
2GCDm120/150	2GCD120/150	1.5	2	54.5	11	G1¼"	16.5		54.5		48.5	46	43	40	38.5	33.5			
2GCDm120/220	2GCD120/220	2.2	3	66	13	G1¼"	24		66		59	57	54	52	50	45.5			
/	2GCD120/300	3	4	71.5	13	G1¼"	24.1		71.5		65	63	60.5	58	56	51.5			
2GCDm200/220	2GCD200/220	2.2	3	56.5	15	G1½"	23		56.5			49	47.5	46	45	41.5	36	33.5	25.5
/	2GCD200/300	3	4	67.5	17	G1½"	24.1		67.5			60	58	56	54.5	52	48	46	37
/	2GCD200/370	3.7	5	76.5	18	G1½"	30.8		76.5			70	69	67	65	62	57.5	55	47

GCS HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP

Installation And Use

GCS series is horizontal centrifugal pump, it's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **27 m³/h**

Head up to **36 m**

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Max suction: 9m
Medium temperature:
low temperature: - 20~ + 70℃
standard model: + 15~ + 70℃
high temperature: + 70~ + 104℃
Environmental temperature: ≤ 50℃
Max.working pressure: 0.8 MPa

Construction

Pump Body: Stainless steel.
Motor Shaft: stainless steel .
Motor housing: Aluminum.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Closed,externally ventilated.
Thermal protector: Single-phase.
Insulation: Class F.
Protection: IP 55.

HOUSEHOLD INDUSTRY MUNICIPAL

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	1	2	3	4	5	6	7	7.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	16.7	33.3	50	66.7	83.3	100	116.7	125.0
GCSm50/025	GCS50/025	0.25	0.34	11	6	1.25"x1"	6.4	H(m)	11	10.5	10	9.5	8.5	8	6.5		
GCSm50/037	GCS50/037	0.37	0.5	14	6.48	1.25"x1"	6.6		14	14	13	12	11	8.5	7.5		
GCSm70/037	GCS70/037	0.37	0.5	16	6.6	1.25"x1"	6.7		16	16	15.5	14	12.5	10.5	8.5		
GCSm100/055	GCS100/055	0.55	0.75	18	7.5	1.25"x1"	7		18	17.5	16.5	16	15	13.5	12.5	11	10

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	2.4	4.8	7.2	9.6	10.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	40	80	120	160	175
GCSm70/055	GCS70/055	0.55	0.75	20	7.8	1.25"x1"	9.5	H(m)	19	16	11.5	7		
GCSm70/075	GCS70/075	0.75	1	25	8.4	1.25"x1"	10.6		25	22	17.5	13		
GCSm70/100	GCS70/100	1.0	1.35	27	9.6	1.25"x1"	11.4		30	27.5	25	20.5	13	
GCSm120/075	GCS120/075	0.75	1	22	10.5	1.25"x1"	10.5		22	20	17.5	14	10.5	7
GCSm120/110	GCS120/110	1.1	1.5	27	10.8	1.25"x1"	15.2		25	23	20.5	17	13	9.5
GCSm120/150	GCS120/150	1.5	2	30	11.1	1.25"x1"	19.5		31	28.5	26	23.5	19.5	17
GCSm120/185	GCS120/185	1.85	2.5	36	10.2	1.25"x1"	22.1		36	32.5	29	25	17.5	

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	3	6	9	12
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	50	100	150	200
GCSm200/110	GCS200/110	1.0	1.35	21	14.4	1.5"x1"	16	H(m)	21	19	16.5	14	10
GCSm200/150	GCS200/150	1.5	2	25	14.4	1.5"x1"	19.1		25	23	21	18	14
GCSm200/151	GCS200/151	1.5	2	25	14.4	1.5"x1"	18.5		25	23	21	18	14
GCSm200/185	GCS200/185	1.85	2.5	30	14.4	1.5"x1"	21.3		30	28	25	22	19.5
GCSm200/186	GCS200/186	1.85	2.5	30	14.4	1.5"x1"	20.5		30	28	25	22	19.5

COMMERCIAL CENTRIFUGAL PUMP

GSA HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP

Installation And Use

GSA series is horizontal centrifugal pump, it's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to **200 m³/h**

Head up to **73 m**

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Medium temperature:
low temperature: - 20~ + 70℃
standard model: + 15~ + 70℃
high temperature: + 70~ + 104℃

Environmental temperature: ≤ 50℃
Max.working pressure: 1.0 MPa

Construction

Pump Body: Stainless steel.
Motor Shaft: stainless steel .
Motor housing: Aluminum.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Closed,externally ventilated.
Thermal protector: Single-phase.
Insulation: Class F.
Protection: IP 55.

INDUSTRY MUNICIPAL

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	3	6	9	12.5	15	18	20	22
Single-phase	Three-phase	kW	HP	m	m³/h	DN	kg	Q (L/min)	0	50	100	150	208	250	300	333	366
GSAm50-32-160/1.1	GSA50-32-160/1.1	1.1	1.5	22	22	50*32	21.5	H(m)	22	21	20	18.5	16.5	15	12.5	10	8
GSAm50-32-160/1.5	GSA50-32-160/1.5	1.5	2	27	22	50*32	22.5		27	26	24.5	22.5	20	18.5	15	12.5	9.5
GSAm50-32-160/2.2	GSA50-32-160/2.2	2.2	3	32	25	50*32	31		32	30.5	29.5	27.5	26	24	22.5	20.5	18
/	GSA50-32-200/3	3	4	39	25	50*32	38		39	38	37	35	34	32	30	28	26
/	GSA50-32-200/4	4	5.5	54	25	50*32	54		54	51.5	50	48	45	43	41	39	30
/	GSA50-32-200/5.5	5.5	7.5	65	25	50*32	62.3		65	62	60	58	54	52	47	42	37

Model		Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	5	10	15	20	25	30	35	40
Single-phase	Three-phase	kW	HP	m	m³/h	DN	kg	Q (L/min)	0	83	166	250	333	416	500	583	666
GSAm65-40-125/1.5	GSA65-40-125/1.5	1.5	2	21	30	65*40	21	H(m)	21	20	19	17.5	16	13	10.5		
GSAm65-40-125/2.2	GSA65-40-125/2.2	2.2	3	28	35	65*40	29		28	27	26	24	22	20	17	14	
/	GSA65-40-125/3	3	4	32	40	65*40	37		32	31	30	29	27	25	22	18	14
/	GSA65-40-160/4	4	5.5	40	40	65*40	49.5		40	39	38	36.5	34	31	28	24	19
/	GSA65-40-200/5.5	5.5	7.5	48	40	65*40	62.5		48	47	46	45.5	44	41	38	34	30
/	GSA65-40-200/7.5	7.5	10	52	45	65*40	74		52	52	51.5	51	50	48	45	42	38
/	GSA65-40-200/11	11	15	69	45	65*40	93		69	69	69	68.5	68	68	66	64	60

COMMERCIAL CENTRIFUGAL PUMP

GSA HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP

HOUSEHOLD INDUSTRY MUNICIPAL

Model	Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	5	10	20	30	40	50	60	70
	kW	HP	m	m³/h	DN	kg	Q (L/min)	0	83.3	166	333	500	666	833	1000	1166
GSA65-50-125/3	3	4	27	45	65*50	37.5	H(m)	27	27	26	23	20	16			
GSA65-50-125/4	4	5.5	28	55	65*50	49.5		28	28	27	26	24	21	16		
GSA65-50-160/5.5	5.5	7.5	35	60	65*50	62.5		35	34.5	34.5	34	31.5	28.5	24	20	
GSA65-50-200/7.5	7.5	10	42	65	65*50	73		42	41	41	40.5	39	36	32	27.5	
GSA65-50-200/9.2	9.2	12.5	52	65	65*50	82		52	52	52	51	49	45	41	37	
GSA65-50-200/11	11	15	58	70	65*50	93		58	57	56	55	53	51	48	42	30
GSA65-50-200/15	15	20	71	70	65*50	107		71	69	68	67	65	64	62	57	50
GSA65-50-200/18.5	18.5	25	73	70	65*50	158		73	73	72	71	70	69	68	65	59

Model	Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	40	50	60	70	80	90	100	110	120	130
	kW	HP	m	m³/h	DN	kg	Q (L/min)	0	666	833	1000	1166	1333	1500	1666	1833	2000	2166
GSA80-65-125/4	4	5	21	90	80*65	49.5	H(m)	21	19	18	17	15	13	11	9			
GSA80-65-125/5.5	5.5	5.5	26	115	80*65	62.5		26	24	23	22	21	20	19	17	15		
GSA80-65-125/7.5	7.5	10	32	120	80*65	69.5		32	31	30	29	28	27	26	24	22	19	
GSA80-65-125/9.2	9.2	12.5	34	125	80*65	80.5		34	33	32	32	31	30	29	28	26	25	22
GSA80-65-160/11	11	15	40	125	80*65	93		40	39	38	37	36	35	34	32	30	28	25
GSA80-65-160/15	15	20	48	130	80*65	107		48	46	45	44	42	41	40	39	38	36	34
GSA80-65-200/18.5	18.5	25	60	130	80*65	158		60	58	57	56	55	54	53	52	50	49	46
GSA80-65-200/22	22	30	62	130	80*65	192		62	58	57	56	55	54	53	52	51	49	47
GSA80-65-200/30	30	40	70	130	80*65	223		70	67	67	66	65	64	63	62	61	60	58

Model	Power		Max head	Max. flow	Size	N/W	Q (m³/h)	0	60	80	100	120	140	160	180	192	200
	kW	HP	m	m³/h	DN	kg	Q (L/min)	0	1000	1333	1666	2000	2333	2666	3000	3200	3333
GSA100-80-160/11	11	15	30	180	100*80	92.5	H(m)	30	30	29	27	26	24	21	18		
GSA100-80-160/15	15	20	36	180	100*80	106		36	35	33	31	29	27	24	21		
GSA100-80-160/18.5	18.5	25	40	180	100*80	158		40	36	35	34	33	31	28	25		
GSA100-80-200/22	22	30	46	190	100*80	193		46	42	40	38	36	34	31	27		
GSA100-80-200/30	30	40	58	200	100*80	232		58	54	53	52	50	47	44	41	38	36
GSA100-80-200/37	37	50	68	200	100*80	256		68	64	63	61	59	57	54	51	49	46

CHS/L HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

Feature

CHS/L series is pump casing-oriented multistage stainless steel pump: The liquid part is made of SUS304. Under processing of advanced welding equipment, heat treatment, the stress caused by end- cut plate in tension and press forming is eliminated to make in high strength, no deformation, long life, safe and reliable usage; Applied mechanical seal type ensure watertight in long-time continuous operation. The material of frame is aluminum; it is under low- noise and less- vibration and durability. Insulation class B, protection IPX55, continuous duty; Single- phase with thermal protector from T1 to ensure safety and convenience.

Flow rate up to
28 m³/h

Head up to
69 m

Operation Conditions

Liquid temperature between + 5℃ to + 60℃
Ambient temperature up to + 50℃
Max pressure up to10 bar
Max suction head: No self- priming
Max inlet pressure is limited by the max operating pressure.

Application

Air- conditioning system
Water treatment
Pressure boosting for the water on processing line
Heating and cooling water on industrial processing line
Air freshen,moistening equipment (soft water)
Water supply and pressure boosting (drinking water)
Fertilization/ metering system
Aquaculture
Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers

Guide For Model Selection

Request for the flow and pressure.
The mechanical seal configurations is selective for normal water, pure water or hot water type.
Applied region's voltage and frequency: single-phase: 220- 240V/ 50Hz; 220V- 240V/ 60Hz; 110- 120V/ 60Hz is available; Three- phase: 380-415V/ 50Hz; 380- 415V/ 60Hz is available.
Applied region's request for safety certificate.
Confirm the bore of outlet and inlet.
Plug's type and length (no plug, Chinese plug, Europe plug, UL plug ... is available)

HOUSEHOLD INDUSTRY MUNICIPAL

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50
CHS1-20	CHS1-20T	0.25	0.3	15	3	1"×1"	6.7	H(m)	14	13.5	12	11	10	8.5	5
CHS1-30	CHS1-30T	0.25	0.3	23	3	1"×1"	6.9		22	21	20	18	16	15	9.5
CHS1-40	CHS1-40T	0.25	0.3	30	3	1"×1"	7.5		28	27	24.5	23	21	19	13
CHS1-50	CHS1-50T	0.37	0.5	37.5	3	1"×1"	7.7		35	33	30	28	25	22	15
CHS1-60	CHS1-60T	0.37	0.5	43	3	1"×1"	7.8		40	37	34	31	28	25	17

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3	3.6	4.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50	60	70
CHS2-20	CHS2-20T	0.25	0.3	21	4.2	1"×1"	6.7	H(m)	19.5	19	18	17	16	15	13	10	6
CHS2-30	CHS2-30T	0.37	0.5	30	4.2	1"×1"	6.9		28	27	26	25	24	23	19	14	8.5
CHS2-40	CHS2-40T	0.55	0.75	39	4.2	1"×1"	7.5		36.5	34.5	33.6	33	32	31	25	18	11
CHS2-50	CHS2-50T	0.55	0.75	48	4.2	1"×1"	7.7		45	42	41	40.5	40	38	31	22	13

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.5	1	1.5	2	2.5	3	3.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	8	16	25	33	41	50	58
CHL2-20	CHL2-20T	0.37	0.55	20	3.5	1"×1"	8	H(m)	19	18	16	14	13	11	10
CHL2-30	CHL2-30T	0.37	0.55	29	3.5	1"×1"	8.5		28	27	24	21	20	17	14
CHL2-40	CHL2-40T	0.55	0.75	39	3.5	1"×1"	9.5		36	35	32	28	26	23	17
CHL2-50	CHL2-50T	0.55	0.75	49	3.5	1"×1"	11		46	43	40	35	33	28	22
CHL2-60	CHL2-60T	0.75	1	56	3.5	1"×1"	12		54	50	48	42	38	32	25

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	2	3	4	5	6	7
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	33	50	66	83	100	116
CHL4-20	CHL4-20T	0.55	0.75	19	7	1.25"×1"	9.7	H(m)	18	16	15	13	10	7
CHL4-30	CHL4-30T	0.75	1	30	7	1.25"×1"	11		27	25	22	19	15	10
CHL4-40	CHL4-40T	0.75	1	40	7	1.25"×1"	11.5		36	33	30	26	20	13
CHL4-50	CHL4-50T	1	1.35	48	7	1.25"×1"	12.5		44	41	38	32	26	20
CHL4-60	CHL4-60T	1.1	1.5	58	7	1.25"×1"	13.5		53	50	45	40	33	24

CHS/L HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

INDUSTRY MUNICIPAL

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	5	6	7	8	9	10
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	83	100	116	133	150	166
CHL8-10S	CHL8-10ST	0.55	0.75	17	10	1.5"×1.5"	10.5	H(m)	15	14	13	12.5	12	9	8
CHL8-15S	CHL8-15ST	0.75	1	29	10	1.5"×1.5"	12		25	23	22	21	20	14	12
CHL8-20S	CHL8-20ST	1	1.5	34	10	1.5"×1.5"	14		32	29	27	25	24	21	17
CHL8-25S	CHL8-25ST	1.5	2	49	10	1.5"×1.5"	17		43	40	38	34	27	25	20
CHL8-30S	CHL8-30ST	1.85	2.5	56	10	1.5"×1.5"	21.5		50	46	44	40	36	30	26
CHL8-35S	CHL8-35ST	2.2	3	62	10	1.5"×1.5"	23		56	51	48	44	43	35	28
CHL8-40S	CHL8-40ST	2.2	3	69	10	1.5"×1.5"	24		65	57.5	57	50	48	42	34

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	6	8	10	12	14	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	100	133	166	200	233	266
CHL8-10	CHL8-10T	0.55	0.75	14	16	1.5"×1.5"	10	H(m)	11	10	9	8	7	6	5
CHL8-20	CHL8-20T	0.75	1	24	16	1.5"×1.5"	11.5		22	20	19	18	13	11	8
CHL8-30	CHL8-30T	1.1	1.5	33	16	1.5"×1.5"	13		31	29	26	24	20	16	11
CHL8-40	CHL8-40T	1.5	2	42	16	1.5"×1.5"	16		41	39	37	33	28	23	17
CHL8-50	CHL8-50T	2.2	3	53	16	1.5"×1.5"	25		51	49	46.5	42	37	30	23

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	6	7	8	9	10	11	12	13	14
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	100	116	133	150	166	183	200	216	233
CHL12-10S	CHL12-10ST	1	1.5	20	14	1.5"×1.5"	12	H(m)	19	18	17.5	16	15.5	14	13.5	12	10.5
CHL12-15S	CHL12-15ST	1.5	2	31	14	1.5"×1.5"	13.5		28	27	26	25	24	22	20	18	15
CHL12-20S	CHL12-20ST	1.85	2.5	40	14	1.5"×1.5"	21		38	36	35	32	31	29	28	24	20
CHL12-25S	CHL12-25ST	2.2	3	50	14	1.5"×1.5"	24		47	45	43	41.5	39	36	33.5	30.5	27
-	CHL12-30ST	3	4	60	14	1.5"×1.5"	27		53.5	52	50	47.5	45	42	39	35	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	116	133	150	166	183	200	216	233	250	266
CHL12-10	CHL12-10T	0.75	1	13	16	1.5"×1.5"	11	H(m)	12	11.5	11	10.5	10	9.5	9	8	7	6
CHL12-20	CHL12-20T	1.1	1.5	25	16	1.5"×1.5"	13		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
CHL12-30	CHL12-30T	1.85	2.5	39	16	1.5"×1.5"	23		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
CHL12-40	CHL12-40T	2.2	3	51	16	1.5"×1.5"	24		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
-	CHL12-50T	3	4	65	16	1.5"×1.5"	27		60	58	56.5	55	52.5	50	47	44	40	35

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	8	10	12	14	16	18	20	22	24
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	133	166	200	233	266	300	333	366	400
CHL16-10	CHL16-10T	1	1.4	13	24	2"×2"	13.5	H(m)	12	11.5	11	10.5	10	9	8	7	6
CHL16-20	CHL16-20T	1.5	2	26	24	2"×2"	17		24	23	22	21	20	19	16	14	12
CHL16-30	CHL16-30T	2.2	3	40	24	2"×2"	23		38	36	34	33	30	28	26	23	20

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	166	200	233	266	300	333	366	400	433	466
CHL20-10	CHL20-10T	1	1.4	13	28	2"×2"	20	H(m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
CHL20-20	CHL20-20T	1.85	2.5	26	28	2"×2"	22		25	24	23	22	21	20	18	16	14	12
-	CHL20-30T	3	4	40	28	2"×2"	25		39	38	36	35	33	31.5	30	27	24	21

CHJ HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

Feature

Pump: CHJ series is pump casing- oriented multistage stainless steel pump: The liquid part is made of SUS304. Under processing of advanced welding equipment, heat treatment, the stress caused by end- cut plate in tension and press forming is eliminated to make in high strength, no deformation, long life, safe and reliable usage; Applied mechanical seal type ensure watertight in long- time continuous operation. The material of frame is aluminum; It is under low- noise and less- vibration and durability. Insulation class B, protection IPX55, continuous duty; Single- phase with thermal protector from T1 to ensure safety and convenience.

Flow rate up to
28 m³/h

Head up to
69 m

Operation Conditions

Liquid temperature between + 5℃ to + 60℃
Ambient temperature up to + 50℃
Max pressure up to10 bar
Max suction head:No self- priming
Max inlet pressure is limited by the max operating pressure

Application

Air- conditioning system
Water treatment
Pressure boosting for the water on processing line
Heating and cooling water on industrial processing line
Air freshen,moistening equipment (soft water)
Water supply and pressure boosting (drinking water)
Fertilization/ metering system
Aquaculture
Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers

Guide For Model Selection

Request for the flow and pressure.
The mechanical seal configurations is selective for normal water, pure water or hot water type.
Applied region's voltage and frequency: single- phase: 220- 240V/ 50Hz; 220V- 240V/ 60Hz; 110- 120V/ 60Hz is available; Three- phase: 380- 415V/ 50Hz; 380- 415V/ 60Hz is available.
Applied region's request for safety certificate. Confirm the bore of outlet and inlet.
Plug's type and length (no plug, Chinese plug, Europe plug, UL plug … is available)

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50
CHJ1-20S	CHJ1-20ST	0.25	0.3	15	3	1"x1"	5.3	H(m)	14	13.5	12	11	10	8.5	5
CHJ1-30S	CHJ1-30ST	0.25	0.3	23	3	1"x1"	5.8		22	21	20	18	16	15	9.5
CHJ1-40S	CHJ1-40ST	0.25	0.3	30	3	1"x1"	6.3		28	27	24.5	23	21	19	13
CHJ1-50S	CHJ1-50ST	0.37	0.5	38	3	1"x1"	7		35	33	30	28	25	22	15
CHJ1-60S	CHJ1-60ST	0.37	0.5	43	3	1"x1"	7.5		40	37	34	31	28	25	17

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3	3.6	4.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50	60	70
CHJ2-20S	CHJ2-20ST	0.25	0.3	21	4.2	1"x1"	5.5	H(m)	19.5	19	18	17	16	15	13	10	6
CHJ2-30S	CHJ2-30ST	0.37	0.5	30	4.2	1"x1"	6		28	27	26	25	24	23	19	14	8.5
CHJ2-40S	CHJ2-40ST	0.55	0.75	39	4.2	1"x1"	6.5		36.5	34.5	33.6	33	32	31	25	18	11
CHJ2-50S	CHJ2-50ST	0.55	0.75	48	4.2	1"x1"	7		45	42	41	40.5	40	38	31	22	13

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	1	1.5	2	2.5	3	3.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	16	25	33	41	50	58
CHJ2-20	CHJ2-20T	0.37	0.55	20	3.5	1"x1"	8.5	H(m)	18	16	14	13	11	10
CHJ2-30	CHJ2-30T	0.37	0.55	29	3.5	1"x1"	9		27	24	21	20	17	14
CHJ2-40	CHJ2-40T	0.55	0.75	39	3.5	1"x1"	9.5		35	32	28	26	23	17
CHJ2-50	CHJ2-50T	0.55	0.75	48	3.5	1"x1"	9.5		43	40	35	33	28	22
CHJ2-60	CHJ2-60T	0.75	1	57	3.5	1"x1"	10.5		50	48	42	38	32	25

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	2	3	4	5	6	7
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	33	50	66	83	100	116
CHJ4-20	CHJ4-20T	0.55	0.75	19	7	1.25"x1"	9	H(m)	18	16	15	13	10	7
CHJ4-30	CHJ4-30T	0.75	1	30	7	1.25"x1"	10		27	25	22	19	15	10
CHJ4-40	CHJ4-40T	0.75	1	40	7	1.25"x1"	10.5		36	33	30	26	20	13
CHJ4-50	CHJ4-50T	1	1.4	49	7	1.25"x1"	11		44	41	38	32	26	20
CHJ4-60	CHJ4-60T	1.1	1.5	58	7	1.25"x1"	12		53	50	45	40	33	24

CHJ HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	5	6	7	8	9	10
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	83	100	116	133	150	166
CHJ8-10S	CHJ8-10ST	0.55	0.75	18	10	1.5"x1.5"	12	H(m)	15	14	13	12.5	12	9	8
CHJ8-15S	CHJ8-15ST	0.75	1	29	10	1.5"x1.5"	14		25	23	22	21	20	14	12
CHJ8-20S	CHJ8-20ST	1	1.5	34	10	1.5"x1.5"	17		32	29	27	25	24	21	17
CHJ8-25S	CHJ8-25ST	1.5	2	49	10	1.5"x1.5"	19		43	40	38	34	27	25	20
CHJ8-30S	CHJ8-30ST	1.85	2.5	56	10	1.5"x1.5"	24		50	46	44	40	36	30	26
CHJ8-35S	CHJ8-35ST	2.2	3	62	10	1.5"x1.5"	25		56	51	48	44	43	35	28
CHJ8-40S	CHJ8-40ST	2.2	3	69	10	1.5"x1.5"	26		65	57.5	57	50	48	42	34

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	6	8	10	12	14	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	100	133	166	200	233	266
CHJ8-10	CHJ8-10T	0.55	0.75	14	16	1.5"x1.5"	13	H(m)	11	10	9	8	7	6	5
CHJ8-20	CHJ8-20T	0.75	1	24	16	1.5"x1.5"	14		22	20	19	18	13	11	8
CHJ8-30	CHJ8-30T	1.1	1.5	33	16	1.5"x1.5"	18		31	29	26	24	20	16	11
CHJ8-40	CHJ8-40T	1.5	2	42	16	1.5"x1.5"	19		41	39	37	33	28	23	17
CHJ8-50	CHJ8-50T	2.2	3	53	16	1.5"x1.5"	27		51	49	46.5	42	37	30	23
-	CHJ8-60T	3	4	67	16	1.5"x1.5"	30		62	58	52	48	42	36	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	6	7	8	9	10	11	12	13	14
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	100	116	133	150	166	183	200	216	233
CHJ12-10S	CHJ12-10ST	1	1.5	20	14	1.5"x1.5"	13	H(m)	19	18	17.5	16	15.5	14	13.5	12	10.5
CHJ12-15S	CHJ12-15ST	1.5	2	31	14	1.5"x1.5"	15		28	27	26	25	24	22	20	18	15
CHJ12-20S	CHJ12-20ST	1.85	2.5	40	14	1.5"x1.5"	23		38	36	35	32	31	29	28	24	20
CHJ12-25S	CHJ12-25ST	2.2	3	50	14	1.5"x1.5"	25		47	45	43	41.5	39	36	33.5	30.5	27
-	CHJ12-30ST	3	4	60	14	1.5"x1.5"	27		53.5	52	50	47.5	45	42	39	35	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	116	133	150	166	183	200	216	233	250	266
CHJ12-10	CHJ12-10T	0.75	1	13	15	1.5"x1.5"	12	H(m)	12	11.5	11	10.5	10	9.5	9	8	7	6
CHJ12-20	CHJ12-20T	1.1	1.5	25	15	1.5"x1.5"	14		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
CHJ12-30	CHJ12-30T	1.85	2.4	39	15	1.5"x1.5"	25		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
CHJ12-40	CHJ12-40T	2.2	3	51	15	1.5"x1.5"	27		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
-	CHJ12-50T	3	4	65	15	1.5"x1.5"	30		60	58	56.5	55	52.5	50	47	44	40	35

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	8	10	12	14	16	18	20	22	24
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	133	166	200	233	266	300	333	366	400
CHJ16-10	CHJ16-10T	1	1.4	13	24	2"x2"	12	H(m)	12	11.5	11	10.5	10	9	8	7	6
CHJ16-20	CHJ16-20T	1.5	2	26	24	2"x2"	18		24	23	22	21	20	19	16	14	12
CHJ16-30	CHJ16-30T	2.2	3	40	24	2"x2"	25		38	36	34	33	30	28	26	23	20
-	CHJ16-40T	3	4	53	24	2"x2"	28		50	48	46	44	40	38	36	32	28

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	166	200	233	266	300	333	366	400	433	466
CHJ20-10	CHJ20-10T	1	1.4	14	28	2"x2"	14	H(m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
CHJ20-20	CHJ20-20T	1.85	2.4	26	28	2"x2"	24		25	24	23	22	21	20	18	16	14	12
-	CHJ20-30T	3	4	40	28	2"x2"	28		39	38	36	35	33	31.5	30	27	24	21
-	CHJ20-40T	4	5.5	51	28	2"x2"	33		50	48	46	44	42	40	36	32	28	24

COMMERCIAL CENTRIFUGAL PUMP

CHT HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

Feature

Pump: CHT series is pump casing- oriented multistage stainless steel pump: The liquid part is made of SUS304. Under processing of advanced welding equipment, heat treatment, the stress caused by end- cut plate in tension and press forming is eliminated to make in high strength, no deformation, long life, safe and reliable usage; Applied mechanical seal type ensure watertight in long- time continuous operation. The material of frame is aluminum; It is under low- noise and less- vibration and durability. Insulation class B, protection IPX55, continuous duty; Single- phase with thermal protector from T1 to ensure safety and convenience.

Flow rate up to
28 m³/h

Head up to
69 m

Operation Conditions

Liquid temperature between + 5℃ to + 60℃
Ambient temperature up to + 50℃
Max pressure up to10 bar
Max suction head: No self- priming
Max inlet pressure is limited by the max operating pressure.

Application

Air- conditioning system
Water treatment
Pressure boosting for the water on processing line
Heating and cooling water on industrial processing line
Air freshen,moistening equipment (soft water)
Water supply and pressure boosting (drinking water)
Fertilization/ metering system
Aquaculture
Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers

Guide For Model Selection

Request for the flow and pressure.
The mechanical seal configurations is selective for normal water, pure water or hot water type.
Applied region's voltage and frequency: single- phase: 220- 240V/ 50Hz; 220V- 240V/ 60Hz; 110- 120V/ 60Hz is available; Three- phase: 380- 415V/ 50Hz; 380- 415V/ 60Hz is available.
Applied region's request for safety certificate.
Confirm the bore of outlet and inlet.
Plug's type and length (no plug, Chinese plug, Europe plug, UL plug … is available)

HOUSEHOLD INDUSTRY MUNICIPAL

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50
CHT1-20S	CHT1-20ST	0.25	0.3	15	3	1"×1"	5.7	H(m)	14	13.5	12	11	10	8.5	5
CHT1-30S	CHT1-30ST	0.25	0.3	23.5	3	1"×1"	6		22	21	20	18	16	15	9.5
CHT1-40S	CHT1-40ST	0.25	0.3	30	3	1"×1"	6.5		28	27	24.5	23	21	19	13
CHT1-50S	CHT1-50ST	0.37	0.5	37.5	3	1"×1"	7.3		35	33	30	28	25	22	15
CHT1-60S	CHT1-60ST	0.37	0.5	44	3	1"×1"	7.8		40	37	34	31	28	25	17

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.6	1	1.5	1.8	2	2.4	3	3.6	4.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	10	16	25	30	33	40	50	60	70
CHT2-20S	CHT2-20ST	0.25	0.3	21	4.2	1"×1"	6	H(m)	19.5	19	18	17	16	15	13	10	6
CHT2-30S	CHT2-30ST	0.37	0.5	30	4.2	1"×1"	6.5		28	27	26	25	24	23	19	14	8.5
CHT2-40S	CHT2-40ST	0.55	0.75	39.5	4.2	1"×1"	7		36.5	34.5	33.6	33	32	31	25	18	11
CHT2-50S	CHT2-50ST	0.55	0.75	48	4.2	1"×1"	7.5		45	42	41	40.5	40	38	31	22	13

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	1	1.5	2	2.5	3	3.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	16	25	33	41.	50	58
CHT2-20	CHT2-20T	0.37	0.55	20	3.5	1"×1"	8.5	H(m)	18	16	14	13	11	10
CHT2-30	CHT2-30T	0.37	0.55	29	3.5	1"×1"	9		27	24	21	20	17	14
CHT2-40	CHT2-40T	0.55	0.75	39	3.5	1"×1"	9.5		35	32	28	26	23	17
CHT2-50	CHT2-50T	0.55	0.75	49	3.5	1"×1"	10		43	40	35	33	28	22
CHT2-60	CHT2-60T	0.75	1	56	3.5	1"×1"	10.5		50	48	42	38	32	25

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	2	3	4	5	6	7
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	33	50	66	83	100	116
CHT4-20	CHT4-20T	0.55	0.75	20	7	1.25"×1"	9	H(m)	18	16	15	13	10	7
CHT4-30	CHT4-30T	0.75	1	30	7	1.25"×1"	10		27	25	22	19	15	10
CHT4-40	CHT4-40T	0.75	1	40	7	1.25"×1"	10.5		36	33	30	26	20	14
CHT4-50	CHT4-50T	1	1.4	49	7	1.25"×1"	11		44	41	38	32	26	20
CHT4-60	CHT4-60T	1.1	1.5	58	7	1.25"×1"	12		53	50	45	40	33	24

CHT HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

HOUSEHOLD INDUSTRY MUNICIPAL

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	6	8	10	12	14	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	100	133	166	200	233	266
CHT8-10	CHT8-10T	0.55	0.75	14	16	1.5"×1.25"	14	H(m)	11	10	9	8	7	6	5
CHT8-20	CHT8-20T	0.75	1	24	16	1.5"×1.25"	15		22	20	19	18	13	11	8
CHT8-30	CHT8-30T	1.1	1.5	33	16	1.5"×1.25"	19		31	29	26	24	20	16	11
CHT8-40	CHT8-40T	1.5	2	42	16	1.5"×1.25"	20		41	39	37	33	28	23	17
CHT8-50	CHT8-50T	2.2	3	53	16	1.5"×1.25"	28		51	49	46.5	42	37	30	23
	CHT8-60T	3	4	65	16	1.5"×1.25"	29		62	58	52	48	42	36	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	5	6	7	8	9	10
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	83	100	116	133	150	166
CHT8-10S	CHT8-10ST	0.55	0.7	18	10	1.5"×1.25"	13	H(m)	15	14	13	12.5	12	9	8
CHT8-15S	CHT8-15ST	0.75	1	29	10	1.5"×1.25"	15		25	23	22	21	20	14	12
CHT8-20S	CHT8-20ST	1	1.35	34	10	1.5"×1.25"	18		32	29	27	25	24	21	17
CHT8-25S	CHT8-25ST	1.5	2	49.5	10	1.5"×1.25"	20		43	40	38	34	27	25	20
CHT8-30S	CHT8-30ST	1.85	2.5	56	10	1.5"×1.25"	25		50	46	44	40	36	30	26
CHT8-35S	CHT8-35ST	2.2	3	62	10	1.5"×1.25"	30		56	51	48	44	43	35	28
CHT8-40S	CHT8-40ST	2.2	3	69	10	1.5"×1.25"	31		65	57.5	57	50	48	42	34

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	116	133	150	166	183	200	216	233	250	266
CHT12-10	CHT12-10T	0.75	1	14	15	1.5"×1.5"	13	H(m)	12	11.5	11	10.5	10	9.5	9	8	7	6
CHT12-20	CHT12-20T	1.1	1.5	25	15	1.5"×1.5"	15		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
CHT12-30	CHT12-30T	1.85	2.4	39	15	1.5"×1.5"	26		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
CHT12-40	CHT12-40T	2.2	3	51	15	1.5"×1.5"	28		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
	CHT12-50T	3	4	65	15	1.5"×1.5"	31		60	58	56.5	55	52.5	50	47	44	40	35

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	6	7	8	9	10	11	12	13	14
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	100	116	133	150	166	183	200	216	233
CHT12-10S	CHT12-10ST	1	1.35	20	14	1.5"×1.5"	15	H(m)	19	18	17.5	16	15.5	14	13.5	12	10.5
CHT12-15S	CHT12-15ST	1.5	2	30	14	1.5"×1.5"	18		28	27	26	25	24	22	20	18	15
CHT12-20S	CHT12-20ST	1.85	2.5	40	14	1.5"×1.5"	20		38	36	35	32	31	29	28	24	20
CHT12-25S	CHT12-25ST	2.2	3	50	14	1.5"×1.5"	24		47	45	43	41.5	39	36	33.5	30.5	27
	CHT12-30ST	3	4	60	14	1.5"×1.5"	27		53.5	52	50	47.5	45	42	39	35	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	8	10	12	14	16	18	20	22	24
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	133	166	200	233	266	300	333	366	400
CHT16-10	CHT16-10T	1	1.4	15	24	2"×2"	14	H(m)	12	11.5	11	10.5	10	9	8	7	6
CHT16-20	CHT16-20T	1.5	2	27	24	2"×2"	20		24	23	22	21	20	19	16	14	12
CHT16-30	CHT16-30T	2.2	3	41	24	2"×2"	27		38	36	34	33	30	28	26	23	20
-	CHT16-40T	3	4	53	24	2"×2"	30		50	48	46	44	40	38	36	32	28

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	166	200	233	266	300	333	366	400	433	466
CHT20-10	CHT20-10T	1	1.4	13	28	2"×2"	16	H(m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
CHT20-20	CHT20-20T	1.85	2.4	26	28	2"×2"	26		25	24	23	22	21	20	18	16	14	12
	CHT20-30T	3	4	40	28	2"×2"	30		39	38	36	35	33	31.5	30	27	24	21
	CHT20-40T	4	5.5	52	28	2"×2"	35		50	48	46	44	42	40	36	32	28	24

COMMERCIAL CENTRIFUGAL PUMP

CHB HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

Feature

CHB series is pump casing-oriented multistage stainless steel pump: The liquid part is made of Plastrc. Under processing of advanced welding equipment, heat treatment, the stress caused by end- cut plate in tension and press forming is eliminated to make in high strength, no deformation, long life, safe and reliable usage; Applied mechanical seal type ensure watertight in long- time continuous operation. The material of frame is aluminum; it is under low- noise and less- vibration and durability. Insulation class B, protection IPX55, continuous duty; Single- phase with thermal protector from T1 to ensure safety and convenience.

Flow rate up to 6.6 m³/h

Head up to 60 m

Operation Conditions

Liquid temperature between + 5℃ to + 60℃.
Ambient temperature up to + 50℃.
Max pressure up to10 bar.
Max suction head: No self- priming.
Max inlet pressure is limited by the max operating pressure.

Application

1. Air- conditioning system
2. Water treatment
3. Pressure boosting for the water on processing line
4. Heating and cooling water on industrial processing line
5. Air freshen,moistening equipment (soft water)
6. Water supply and pressure boosting (drinking water)
7. Fertilization/ metering system
8. Aquaculture
9. Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers

Guide For Model Selection

1. Request for the flow and pressure.
2. The mechanical seal configurations is selective for normal water, pure water or hot water type.
3. Applied region's voltage and frequency: single- phase: 220- 240V/ 50Hz; 220V- 240V/ 60Hz; 110- 120V/ 60Hz is available; Three- phase: 380- 415V/ 50Hz; 380- 415V/ 60Hz is available.
4. Applied region's request for safety certificate. Confirm the bore of outlet and inlet.
5. Plug's type and length (no plug, Chinese plug, Europe plug, UL plug … is available)

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	1	2	3	4	5	6	6.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	16	33	50	66	83	100	108
CHB203	CHB203T	0.55	0.75	34	4.2	1"x1"	10.8	H(m)	30	24	17	8			
CHB204	CHB204T	0.75	1	45	4.2	1"x1"	12.8		39	32	23	11			
CHB205	CHB205T	1	1.4	57	4.2	1"x1"	13.1		49	40	29	15			
CHB403	CHB403T	0.75	1	36	6.6	1"x1"	10.5		35	33	30	27	22	15	11
CHB404	CHB404T	1	1.4	49	6.6	1"x1"	13.5		46	44	41	36	30	20	15
CHB405	CHB405T	1.5	2	60	6.6	1"x1"	13.8		58	55	50	45	37	25	18

CHI HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

Feature

Pump: CHI series is pump casing- oriented multistage stainless steel pump: The liquid part is made of SUS304. Under processing of advanced welding equipment, heat treatment, the stress caused by end- cut plate in tension and press forming is eliminated to make in high strength, no deformation, long life, safe and reliable usage; Applied mechanical seal type ensure watertight in long- time continuous operation. The material of frame is aluminum; It is under low- noise and less- vibration and durability. Insulation class B, protection IPX55, continuous duty; Single- phase with thermal protector from T1 to ensure safety and convenience.

Flow rate up to 30 m³/h

Head up to 78 m

Operation Conditions

Liquid temperature between + 5℃ to + 60℃
Ambient temperature up to + 50℃
Max pressure up to10 bar
Max suction head: No self- priming
Max inlet pressure is limited by the max operating pressure.

Application

Air- conditioning system
Water treatment
Pressure boosting for the water on processing line
Heating and cooling water on industrial processing line
Air freshen,moistening equipment (soft water)
Water supply and pressure boosting (drinking water)
Fertilization/ metering system
Aquaculture
Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers

Guide For Model Selection

Request for the flow and pressure.
The mechanical seal configurations is selective for normal water, pure water or hot water type.
Applied region's voltage and frequency: single- phase: 220- 240V/ 50Hz; 220V- 240V/ 60Hz; 110- 120V/ 60Hz is available; Three- phase: 380- 415V/ 50Hz; 380- 415V/ 60Hz is available.
Applied region's request for safety certificate. Confirm the bore of outlet and inlet.
Plug's type and length (no plug, Chinese plug, Europe plug, UL plug … is available)

CHI HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.4
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	6	10	13	16	20	23	26	30	33	36	40
CHI 1-20	CHI 1-20T	0.25	0.3	20	2.3	1"x1"	7.6	H(m)	19.5	19	18.5	18	17.5	17	16	15	14	13	12
CHI 1-30	CHI 1-30T	0.25	0.3	29	2.3	1"x1"	8		29	28.5	26	25	24.5	23.5	22	21	19	17	16
CHI 1-40	CHI 1-40T	0.37	0.5	38	2.3	1"x1"	8.3		37	36	35	33	32	30	28	27	26	22	20
CHI 1-50	CHI 1-50T	0.37	0.5	45	2.3	1"x1"	8.6		43	42	41	38	36	34	32	29	27	25	22
CHI 1-60	CHI 1-60T	0.37	0.5	54	2.3	1"x1"	9		51	50	49	46	44	42	40	36	32	30	26
CHI 1-70	CHI 1-70T	0.55	0.75	63	2.3	1"x1"	10		60	58	56	53	51	49	45	42	38	34	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.8	1.2	1.6	2	2.4	2.8	3.2	3.6	4
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	13	20	26	33	40	46	53	60	66
CHI 2-20	CHI 2-20T	0.25	0.3	21	4.3	1"x1"	7.4	H(m)	19.5	19	18.5	18	17	16.5	14.5	13.5	12
CHI 2-30	CHI 2-30T	0.37	0.5	29	4.3	1"x1"	7.5		27	26	25	24	23	22	20	17	15
CHI 2-40	CHI 2-40T	0.55	0.75	38	4.3	1"x1"	10		36	35	34	32	31	29	27	23	20
CHI 2-50	CHI 2-50T	0.55	0.75	47.5	4.3	1"x1"	10.5		44	43	42	40	38	36	33	28.5	24
CHI 2-60	CHI 2-60T	0.75	1	57	4.3	1"x1"	12		53	51.5	49	47	44	41	37	32	27
CHI 2-70	CHI 2-70T	1	1.35	65	4.3	1"x1"	13		63	61	59	56	54	51	47	41	35

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	0.8	1.2	1.6	2	2.4	2.8	3.2	3.6	4
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	13	20	26	33	40	46	53	60	66
CHI 3-20	CHI 3-20T	0.25	0.3	21	4.3	1"x1"	7.4	H(m)	19.5	19	18.5	18	17	16.5	14.5	13.5	12
CHI 3-30	CHI 3-30T	0.37	0.5	29	4.3	1"x1"	7.5		27	26	25	24	23	22	20	17	15
CHI 3-40	CHI 3-40T	0.55	0.75	38	4.3	1"x1"	10		36	35	34	32	31	29	27	23	20
CHI 3-50	CHI 3-50T	0.55	0.75	47.5	4.3	1"x1"	10.5		44	43	42	40	38	36	33	28.5	24
CHI 3-60	CHI 3-60T	0.75	1	57	4.3	1"x1"	12		53	51.5	49	47	44	41	37	32	27
CHI 3-70	CHI 3-70T	1	1.35	65	4.3	1"x1"	13		63	61	59	56	54	51	47	41	35

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	16	25	33	41	50	58	66	75	83	91	100
CHI 4-20	CHI 4-20T	0.37	0.5	19	6.3	1.25"x1"	8	H(m)	18.5	18	17.5	17	16	15.5	15	13.5	13	11	10
CHI 4-30	CHI 4-30T	0.55	0.75	30	6.3	1.25"x1"	10		29	28.5	28	27	26.5	25.5	25	23	22	20	18
CHI 4-40	CHI 4-40T	0.75	1	40	6.3	1.25"x1"	11.5		38	37	36	34	33.5	32	30	28	27	24	20
CHI 4-50	CHI 4-50T	1	1.35	49	6.3	1.25"x1"	12.5		47	46	45	44	42.5	41	40	36	35	32	27
CHI 4-60	CHI 4-60T	1.3	1.75	58	6.3	1.25"x1"	15		56.5	55	54	53	52.5	51	49	45	44	42	36
CHI 4-70	CHI 4-70T	1.5	2	70	6.3	1.25"x1"	17		67	65	64	61	59	57	55	51	49	44	38

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	16	25	33	41	50	58	66	75	83	91	100
CHI 5-20	CHI 5-20T	0.37	0.5	19	6.3	1.25"x1"	8	H(m)	18.5	18	17.5	17	16	15.5	15	13.5	13	11	10
CHI 5-30	CHI 5-30T	0.55	0.75	30	6.3	1.25"x1"	10		29	28.5	28	27	26.5	25.5	25	23	22	20	18
CHI 5-40	CHI 5-40T	0.75	1	40	6.3	1.25"x1"	11.5		38	37	36	34	33.5	32	30	28	27	24	20
CHI 5-50	CHI 5-50T	1	1.35	49	6.3	1.25"x1"	12.5		47	46	45	44	42.5	41	40	36	35	32	27
CHI 5-60	CHI 5-60T	1.3	1.75	59	6.3	1.25"x1"	15		56.5	55	54	53	52.5	51	49	45	44	42	36
CHI 5-70	CHI 5-70T	1.5	2	70	6.3	1.25"x1"	17		67	65	64	61	59	57	55	51	49	44	38

CHI HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

HOUSEHOLD INDUSTRY MUNICIPAL

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	5	6	7	8	9	10
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	83	100	116	133	150	166
CHI 8-10S	CHI 8-10ST	0.55	0.75	18	10	1.5"x1.5"	10	H(m)	15	14	13	12.5	10	9	8
CHI 8-15S	CHI 8-15ST	0.75	1	29	10	1.5"x1.5"	11		25	23	22	21	17	14	12
CHI 8-20S	CHI 8-20ST	1	1.35	34	10	1.5"x1.5"	13		32	29	27	25	20	21	17
CHI 8-25S	CHI 8-25ST	1.5	2	49.5	10	1.5"x1.5"	16		43	40	38	34	30	25	20
CHI 8-30S	CHI 8-30ST	1.85	2.5	56	10	1.5"x1.5"	21		50	46	44	40	32	30	26
CHI 8-35S	CHI 8-35ST	2.2	3	62	10	1.5"x1.5"	22		56.5	51	48	44	42	35	28
CHI 8-40S	CHI 8-40ST	2.2	3	69	10	1.5"x1.5"	23		65	57.5	57	50	43	42	34

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	6	8	10	12	14	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	100	133	166	200	233	266
CHI 8-10	CHI 8-10T	0.55	0.75	14	16	1.5"x1.5"	10	H(m)	11	10	9	8	7	6	5
CHI 8-20	CHI 8-20T	0.75	1	24	16	1.5"x1.5"	11		22	20	19	18	13	11	8
CHI 8-30	CHI 8-30T	1	1.35	33	16	1.5"x1.5"	12		31	29	26	24	20	16	11
CHI 8-40	CHI 8-40T	1.5	2	42.5	16	1.5"x1.5"	15		41	39	37	33	28	23	17
CHI 8-50	CHI 8-50T	2.2	3	53	16	1.5"x1.5"	24		51	49	46.5	42	37	30	23
	CHI 8-60T	3	4	68	16	1.5"x1.5"	28		62	58	52	48	42	36	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	4	5	6	7	8	9	10	11	12	13	14
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	66	83	100	116	133	150	166	183	200	216	233
CHI 10-10	CHI 10-10T	0.65	0.85	15	15	1.5"x1.5"	10	H(m)	14.5	14	13.5	13	12.5	12	11	10	9	8	7
CHI 10-20	CHI 10-20T	1.2	1.6	31	15	1.5"x1.5"	12		30	29.5	29	28	27	26	24	23	21	19	16
CHI 10-30	CHI 10-30T	2.2	3	46	15	1.5"x1.5"	22		45.5	45	44	43	42	40	38	36	33	30	26
	CHI 10-40T	3	4	62	15	1.5"x1.5"	25		61	60.5	60	58	56	54	52	48	45	41	36
	CHI 10-50T	3	4	78	15	1.5"x1.5"	26		76.5	76	75	74	71	68	63	61	57	52	46

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	6	7	8	9	10	11	12	13	14
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	100	116	133	150	166	183	200	216	233
CHI 12-10S	CHI 12-10ST	1	1.35	20	14	1.5"x1.5"	11	H(m)	19	18	17.5	16	15.5	14	13.5	12	10.5
CHI 12-15S	CHI 12-15ST	1.5	2	30	14	1.5"x1.5"	13		28	27	26	25	24	22	20	18	15
CHI 12-20S	CHI 12-20ST	1.85	2.5	40	14	1.5"x1.5"	20		38	36	35	32	31	29	28	24	20
CHI 12-25S	CHI 12-25ST	2.2	3	50	14	1.5"x1.5"	23		47	45	43	41.5	39	36	33.5	30.5	27
	CHI 12-30ST	3	4	60	14	1.5"x1.5"	26		53.5	52	50	47.5	45	42	39	35	30

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	116	133	150	166	183	200	216	233	250	266
CHI 12-10	CHI 12-10T	0.75	1	13	16	1.5"x1.5"	11	H(m)	12	11.5	11	10.5	10	9.5	9	8	7	6
CHI 12-20	CHI 12-20T	1.1	1.5	25	16	1.5"x1.5"	12		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
CHI 12-30	CHI 12-30T	1.85	2.5	39	16	1.5"x1.5"	22		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
CHI 12-40	CHI 12-40T	2.2	3	51	16	1.5"x1.5"	23		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
	CHI 12-50T	3	4	65	16	1.5"x1.5"	26		60	58	56.5	55	52.5	50	47	44	40	35

CHI HORIZONTAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

HOUSEHOLD INDUSTRY MUNICIPAL

FREQUENCY 50Hz

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	8	10	12	14	16	18	20	22	24
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	133	166	200	233	266	300	333	366	400
CHI 16-10	CHI 16-10T	1	1.35	12	24	2"x2"	13	H(m)	12	11.5	11	10.5	10	9	8	7	6
CHI 16-20	CHI 16-20T	1.5	2	26	24	2"x2"	16		24	23	22	21	20	19	16	14	12
CHI 16-30	CHI 16-30T	2.2	3	40	24	2"x2"	22		38	36	34	33	30	28	26	23	20
	CHI 16-40T	3	4	53	24	2"x2"	27		50	48	46	44	40	38	36	32	28

Model		Power		Max.head	Max.flow	Size	N/W	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	166	200	233	266	300	333	366	400	433	466
CHI 20-10	CHI 20-10T	1	1.35	13	28	2"x2"	19	H(m)	13	12.5	12	11.5	11	10.5	10	9	8	7.5
CHI 20-20	CHI 20-20T	1.85	2.5	25	28	2"x2"	21		25	24	23	22	21	20	18	16	14	12
	CHI 20-30T	3	4	40	28	2"x2"	24		39	38	36	35	33	31.5	30	27	24	21
	CHI 20-40T	4	5.3	52	28	2"x2"	25		52	50	48	46	44	42	38	36	32	30

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

Feature

CDL series is vertical multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron. All other wet parts are in stainless steel. Under processing of advanced welding equipment, heat treatment, the stress caused by end- cut plate in tension and press forming is eliminated to make in high strength, no deformation, long life, safe and reliable usage. It is under low- noise and less- vibration and durability. Insulation class B, protection IPX55, continuous duty; Single- phase with thermal protector to ensure safety and convenience.(CDL with cast iron pump body, CDLF with stainless steel pump body).

Flow rate up to
4000L/min (240m³/h)

Head up to
328 m

Liquid temperature between -15℃ to + 120℃
Ambient temperature up to + 40℃
Max suction head: No self- priming
Max inlet pressure is limited by the max operating pressure.

CDLF CDL CDMF

Application

Manometric suction lift up to 6 m
Max fluid temperature up to 120℃ optional
Max ambient temperature up to 40℃
Air- conditioning system
Water treatment
Pressure boosting for the water on processing line
Heating and cooling water on industrial processing line
Air freshen,moistening equipment (soft water)
Water supply and pressure boosting (drinking water)
Fertilization/ metering system
Aquaculture
Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibersure up to 10 bar

Guide for model selection

Request for the flow and pressure.
The mechanical seal configurations is selective for normal water, pure water or hot water type.
Applied region's voltage and frequency: Single-phase: 220- 240V/ 50Hz; 220V- 240V/ 60Hz; 110- 120V/ 60Hz is available; Three- phase: 380-415V/ 50Hz; 380- 415V/ 60Hz is available.
Applied region's request for safety certificate.
Confirm the bore of outlet and inlet.
Plug's type and length (no plug, Chinese plug, Europe plug, UL plug ... is available)

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

INDUSTRY MUNICIPAL

FREQUENCY 50Hz

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	6.7	10	13.3	16.7	20	23.3	26.7	30	33.3	36.7
CDL(F)1-2	CDL(F)1-2T	0.37	0.5	12	2.4	32	23	20		12	11.8	11.5	11	11	10.5	9.8	9.2	8.5	7.8
CDL(F)1-3	CDL(F)1-3T	0.37	0.5	17.5	2.4	32	23	20		17.5	17	16.8	16.5	16	16.5	14	13.5	12	10.5
CDL(F)1-4	CDL(F)1-4T	0.37	0.5	23.5	2.4	32	23	21		23.5	23	22.5	22	21	20.5	18.5	18	16.5	14
CDL(F)1-5	CDL(F)1-5T	0.37	0.5	29	2.4	32	24	21		29	28.5	28	27.5	26.5	26	24	23	20.5	17.5
CDL(F)1-6	CDL(F)1-6T	0.37	0.5	35	2.4	32	24	21		35	34.5	34	33	32	31	28	27	25	22
CDL(F)1-7	CDL(F)1-7T	0.37	0.5	41	2.4	32	25	22		41	40	39	38.5	37	35	33	32	29	25
CDL(F)1-8	CDL(F)1-8T	0.55	0.7	46.5	2.4	32	25	22		46.5	46	45.5	44	42	40	38	36	33	29
CDL(F)1-9	CDL(F)1-9T	0.55	0.7	52	2.4	32	26	23		52	51.5	51	49.5	47.5	46	44	41	37	34
CDL(F)1-10	CDL(F)1-10T	0.55	0.7	58	2.4	32	26	24		58	57.5	57	56	54	52	48	46	41.5	37
CDL(F)1-11	CDL(F)1-11T	0.55	0.7	66	2.4	32	27	25		65	63	62.5	61	59	56	54	50	46	40
CDL(F)1-12	CDL(F)1-12T	0.75	1	72	2.4	32	28	26	H(m)	70	69	68	66	64	62	58	55	49	43
CDL(F)1-13	CDL(F)1-13T	0.75	1	78	2.4	32	29	27		75	74.5	74	72	69	66	63	59	54	47
CDL(F)1-15	CDL(F)1-15T	0.75	1	89	2.4	32	30	28		87	86	85	84	80.5	77	72	68	62	53
CDL(F)1-17	CDL(F)1-17T	1.1	1.5	101	2.4	32	32	31		99	97.5	97	95	91	87	81.5	77	69	59
CDL(F)1-19	CDL(F)1-19T	1.1	1.5	113	2.4	32	33	32		110.5	109	108	106	101	97	91	86	78	66
CDL(F)1-21	CDL(F)1-21T	1.1	1.5	124	2.4	32	34	33		122	120.5	119.5	116	112	108	101	95	86	73
CDL(F)1-23	CDL(F)1-23T	1.1	1.5	138	2.4	32	36	34		135	132.5	130	126	122	117	111	104	94	80
CDL(F)1-25	CDL(F)1-25T	1.5	2	152	2.4	32	43	40		147	144	141	138	133	128	121	114	103	87
CDL(F)1-27	CDL(F)1-27T	1.5	2	163	2.4	32	44	41		158	156	154	150	144	138	130	121	112	96
CDL(F)1-30	CDL(F)1-30T	1.5	2	182	2.4	32	46	42		175	173	171	166	160	154	145	136	124	108
CDL(F)1-33	CDL(F)1-33T	2.2	3	198	2.4	32	49	45		193	191	188	183	176	170	160	150	136	120
CDL(F)1-36	CDL(F)1-36T	2.2	3	217	2.4	32	50	46		212	209	205	200	192	184	174	164	150	133

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	1	1.2	1.6	2	2.4	2.8	3.2	3.5
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	16.7	20	26.7	33.3	40	46.7	53.3	58.3
CDL(F)2-2	CDL(F)2-2T	0.37	0.6	18	3.5	32	22	21		16	15.5	14.5	14	12.5	11	9.5	8
CDL(F)2-3	CDL(F)2-3T	0.37	0.6	25	3.5	32	22	21		23	22.5	21	20	18.5	16	14	12
CDL(F)2-4	CDL(F)2-4T	0.55	0.8	35	3.5	32	25	23		32	31	30	28	26	23	20	16
CDL(F)2-5	CDL(F)2-5T	0.55	0.8	45	3.5	32	25	23		42.5	42	40	37	34.5	30	25	20
CDL(F)2-6	CDL(F)2-6T	0.75	1	53	3.5	32	27	25		51	50	47	44	41	36	30	24
CDL(F)2-7	CDL(F)2-7T	0.75	1	61	3.5	32	27	25	H(m)	59	57	55	52	47	41	35	28
CDL(F)2-9	CDL(F)2-9T	1.1	1.5	79	3.5	32	29	27		72	71	67	63	58	51	44	36
CDL(F)2-11	CDL(F)2-11T	1.1	1.5	97	3.5	32	29	27		87	85	80	74	67	59	50	42
CDL(F)2-13	CDL(F)2-13T	1.5	2	117	3.5	32	32	29		106	104	99	90	81	71	60	51
CDL(F)2-15	CDL(F)2-15T	1.5	2	132	3.5	32	32	29		121	119	112	105	96	85	72	61
CDL(F)2-18	CDL(F)2-18T	2.2	3	158	3.5	32	38	35		143	139	133	125	116	105	91	78
CDL(F)2-22	CDL(F)2-22T	2.2	3	190	3.5	32	43	38		173	169	162	152	140	126	110	95
/	CDL(F)2-26T	3	4	220	3.5	32	48	45		206	201	191	180	170	155	133	118

COMMERCIAL CENTRIFUGAL PUMP

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

INDUSTRY MUNICIPAL

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	1.2	1.6	2	2.4	2.8	3	3.2	3.4	3.6	4
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	20	26.7	33.3	40	46.7	50	53.3	56.7	60	66.7
CDL(F)3-2	CDL(F)3-2T	0.37	0.5	13	4.4	32	23	20		12	11.3	10.5	10	9	8.5	8	7.5	7	6
CDL(F)3-3	CDL(F)3-3T	0.37	0.5	20	4.4	32	23	20		18	17	16	15	14	13	12	11	10	8
CDL(F)3-4	CDL(F)3-4T	0.37	0.5	25	4.4	32	24	21		24	23	21.5	20	18.5	17.5	16.5	15	13.5	11
CDL(F)3-5	CDL(F)3-5T	0.37	0.5	32	4.4	32	24	21		30	28.5	27	25	23	22	20.5	19	17.5	14
CDL(F)3-6	CDL(F)3-6T	0.55	0.7	38	4.4	32	26	22		36	34	32	30	28	26	24	22	20	16.5
CDL(F)3-7	CDL(F)3-7T	0.55	0.7	44	4.4	32	26	22		42	40.5	39	36	33	30.5	28.5	26	24	19.5
CDL(F)3-8	CDL(F)3-8T	0.75	1	51	4.4	32	27	23		48	46	44	41	37	35	32.5	30	27	22.5
CDL(F)3-9	CDL(F)3-9T	0.75	1	58	4.4	32	27	24		53	51	49	46	41.5	39	37	34	32	26
CDL(F)3-10	CDL(F)3-10T	0.75	1	63	4.4	32	28	25		59	57	55	51	46	43	41	37	34	28
CDL(F)3-11	CDL(F)3-11T	1.1	1.5	70	4.4	32	30	27		65	62.5	60	56	51	48	45	42	38	30.5
CDL(F)3-12	CDL(F)3-12T	1.1	1.5	76	4.4	32	30	27	H(m)	71	68	66	61	55	52	49	45.5	42	34
CDL(F)3-13	CDL(F)3-13T	1.1	1.5	82	4.4	32	32	28		77	74	71	66	60	57	53	50	46	37
CDL(F)3-15	CDL(F)3-15T	1.1	1.5	94	4.4	32	32	29		88	85	82	77	72	68.5	64	60	55	44
CDL(F)3-17	CDL(F)3-17T	1.5	2	107	4.4	32	36	34		100	97	92	88	83	79	74	69	64	52
CDL(F)3-19	CDL(F)3-19T	1.5	2	118	4.4	32	37	35		112	108	104	98	94	88	83	77	71	58
CDL(F)3-21	CDL(F)3-21T	2.2	3	128	4.4	32	40	38		123	119	115	108	102	97	92	86	79	65
CDL(F)3-23	CDL(F)3-23T	2.2	3	142	4.4	32	42	39		134	130	125	119	110	105	100	94	86	72
CDL(F)3-25	CDL(F)3-25T	2.2	3	152	4.4	32	44	40		146	141	135	128	118	113	108	102	94	79
CDL(F)3-27	CDL(F)3-27T	2.2	3	166	4.4	32	45	41		158	152	146	138	129	126	117	110	103	86
CDL(F)3-29	CDL(F)3-29T	2.2	3	178	4.4	32	46	42		169	163	156	147	137	132	125	118	111	93
/	CDL(F)3-31T	3	4	190	4.4	32	50	47		180	174	167	157	147	141	134	126	118	100
/	CDL(F)3-33T	3	4	202	4.4	32	52	48		191	186	178	168	157	150	143	135	127	108
/	CDL(F)3-36T	3	4	220	4.4	32	54	50		209	203	194	184	173	166	159	151	143	122

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	1	2	3	4	4.5	5	5.5	6
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	16.7	33.3	50	66.7	75	83.3	91.7	100
CDL(F)4-2	CDL(F)4-2T	0.37	0.6	22	6	32	25	22		21	20	18	16	15	14	13	12
CDL(F)4-3	CDL(F)4-3T	0.55	0.8	32	6	32	25	22		31	29.5	28	24	22	21	19	18
CDL(F)4-4	CDL(F)4-4T	0.75	1	42	6	32	26	23		40	38	35	31	29	27	24	22
CDL(F)4-5	CDL(F)4-5T	1.1	1.5	52	6	32	26	23		50	48	44	40	38	34	30	26
CDL(F)4-6	CDL(F)4-6T	1.1	1.5	61	6	32	28	25		59	57	53	49	45	41	36	30
CDL(F)4-7	CDL(F)4-7T	1.5	2	72	6	32	33	30		71	69	65	59	55	50	43	36
CDL(F)4-8	CDL(F)4-8T	1.5	2	81	6	32	33	30	H(m)	76	74	71	65	60	56	51	42
CDL(F)4-10	CDL(F)4-10T	2.2	3	101	6	32	35	32		95	93	90	84	78	72	65	58
CDL(F)4-12	CDL(F)4-12T	2.2	3	120	6	32	35	32		115	110	105	98	91	84	76	68
/	CDL(F)4-14T	3	4	141	6	32	38	35		139	134	128	118	111	102	90	79
/	CDL(F)4-16T	3	4	162	6	32	38	39		158	153	145	134	126	116	103	89
/	CDL(F)4-18T	4	5.5	180	6	32	48	45		176	173	164	148	135	118	108	94
/	CDL(F)4-19T	4	5.5	191	6	32	48	45		186	180	170	155	145	133	117	98
/	CDL(F)4-22T	4	5.5	220	6	32	53	49		216	208	197	182	172	159	143	126

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	2	3	4	4.5	5	5.5	6	6.5	7	7.5	8
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	33.3	50	66.7	75	83.3	91.7	100	108.3	116.7	125	133.3
CDL(F)5-2	CDL(F)5-2T	0.37	0.5	14	8	32	23	21		14	13	12	11.5	11	10	9	8	7.5	6.5	6
CDL(F)5-3	CDL(F)5-3T	0.55	0.7	19	8	32	23	21		19	18	16.5	15.5	15	14	13	12	11	9	8
CDL(F)5-4	CDL(F)5-4T	0.55	0.7	24.5	8	32	25	22		24.5	23	22.5	21	20	18.5	17	15.5	14	12.5	11
CDL(F)5-5	CDL(F)5-5T	0.75	1	30.5	8	32	25	24		30.5	29	27	26	24.5	23	21.5	20	17.5	16	14
CDL(F)5-6	CDL(F)5-6T	1.1	1.5	37	8	32	29	27		37	35	33	31.5	30	28	26	24	22	20	18
CDL(F)5-7	CDL(F)5-7T	1.1	1.5	43	8	32	31	28		43	41	39	37	35	33	31	28	26	24	21
CDL(F)5-8	CDL(F)5-8T	1.1	1.5	49	8	32	32	29		49	47	44	42	40	38	36	32	30	27	24
CDL(F)5-9	CDL(F)5-9T	1.5	2	56	8	32	38	35		56	53	50	47.5	45	42.5	40	37	33.5	30.5	27
CDL(F)5-10	CDL(F)5-10T	1.5	2	62	8	32	39	36		62	59	55	53	50	47	44	41	37	34	30
CDL(F)5-11	CDL(F)5-11T	2.2	3	68.5	8	32	40	37		68.5	65.5	61.5	59	56	52	49	45	41	37	33
CDL(F)5-12	CDL(F)5-12T	2.2	3	75	8	32	41	38		75	72.5	68	65	62	58	54	49	45	40.5	36
CDL(F)5-13	CDL(F)5-13T	2.2	3	81.5	8	32	42	39		81.5	79	74	71	68	64	59.5	54	49	44	39
CDL(F)5-14	CDL(F)5-14T	2.2	3	89	8	32	43	40		89	85	81	77	74	69	65	59	54	48	42
CDL(F)5-15	CDL(F)5-15T	2.2	3	96	8	32	44	41		96	93	88	84	80	75	70	64	59	52	45
CDL(F)5-16	CDL(F)5-16T	2.2	3	103	8	32	45	42		103	100	94	90	85	80	75	69	63	56	48
/	CDL(F)5-18T	3	4	115	8	32	48	45		115	110	104	100	96	90	85	78	71	63	54
/	CDL(F)5-20T	3	4	129	8	32	49	46		129	122	115	109	105	99	94	86	78	70	60
/	CDL(F)5-22T	4	5.5	139	8	32	61	58		139	134	126	121	116	110	103	95	87	77	66
/	CDL(F)5-24T	4	5.5	152	8	32	62	59		152	146	138	133	127	120	113	105	96	84	72
/	CDL(F)5-26T	4	5.5	164	8	32	64	61		164	158	150	144	138	131	122	114	104	91	78
/	CDL(F)5-29T	4	5.5	185	8	32	67	63		185	177	168	164	157	150	141	132	119	103	87
/	CDL(F)5-32T	5.5	7.5	205	8	32	82	78		205	197	189	183	176	166	158	147	134	114	96
/	CDL(F)5-36T	5.5	7.5	230	8	32	85	80		230	222	212	205	198	188	177	166	154	133	108

H(m)

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	2	4	6	8	10	12	14
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	33.3	66.7	100	133.3	166.7	200	233.3
CDL(F)10-1	CDL(F)10-1T	0.37	0.5	13	14	42	38	33		13	12	11	9.5	8.5	7	6
CDL(F)10-2	CDL(F)10-2T	0.75	1	23	14	42	40	35		23	22	20	18	16	13	10
CDL(F)10-3	CDL(F)10-3T	1.1	1.5	33	14	42	43	38		33	32	31	28	25	21	16
CDL(F)10-4	CDL(F)10-4T	1.5	2	43	14	42	50	45		43	42	40	37	32	27	20
CDL(F)10-5	CDL(F)10-5T	2.2	3	53	14	42	53	48		53	51	48	44	39	32	24
CDL(F)10-6	CDL(F)10-6T	2.2	3	63	14	42	55	50		62	61	58	53	46	38	28
/	CDL(F)10-7T	3	4	74	14	42	60	55		73	72	67	61	54	43	32
/	CDL(F)10-8T	3	4	84	14	42	61	56		83	81	78	71	62	51	37
/	CDL(F)10-9T	3	4	94	14	42	63	57		93	91	87	81	71	59	42
/	CDL(F)10-10T	4	5.5	104	14	42	65	60		104	101	98	91	81	67	47
/	CDL(F)10-12T	4	5.5	124	14	42	68	63		123	121	117	108	95	78	55
/	CDL(F)10-14T	5.5	7.5	144	14	42	98	93		143	141	136	124	110	90	63
/	CDL(F)10-16T	5.5	7.5	165	14	42	100	95		163	161	154	143	125	102	71
/	CDL(F)10-18T	7.5	10	185	14	42	125	120		183	179	173	161	144	118	82
/	CDL(F)10-20T	7.5	10	206	14	42	128	123		202	198	191	180	160	133	93
/	CDL(F)10-22T	7.5	10	226	14	42	130	125		222	217	209	198	178	149	106

H(m)

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	8	10	12	14	15	16	18	20	22	24
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	133	166	200	233	250	266	300	333	366	400
CDL(F)16-1	CDL(F)16-1T	1.1	1.5	15	24	65	45	40		14	13	12	11.5	11	10.5	10	9	8	7
CDL(F)16-2	CDL(F)16-2T	2.2	3	29	24	65	50	45		26	25	24	23	22	21	20	18	16	14
/	CDL(F)16-3T	3	4	43	24	65	55	50		39	38	37	34	33	31	29	27	24	20
/	CDL(F)16-4T	4	5.5	58	24	65	60	55		52	50	48	46	44	43	40	36	31	26
/	CDL(F)16-5T	4	5.5	71	24	65	63	58		66	64	61	58	56	54	50	45	39	33
/	CDL(F)16-6T	5.5	7.5	85	24	65	93	90		80	78	75	70	67	65	60	54	47	41
/	CDL(F)16-7T	5.5	7.5	98	24	65	97	93		94	92	88	83	80	78	71	64	56	50
/	CDL(F)16-8T	7.5	10	112	24	65	100	97		108	105	101	96	93	90	83	75	66	57
/	CDL(F)16-9T	7.5	10	126	24	65	102	98		122	119	115	109	106	103	95	87	77	66
/	CDL(F)16-10T	11	15	141	24	65	145	140		136	133	128	123	120	116	107	98	86	76
/	CDL(F)16-12T	11	15	168	24	65	150	144		158	155	150	144	140	135	126	116	102	89
/	CDL(F)16-14T	11	15	196	24	65	152	147		183	178	172	165	162	156	145	133	118	103
/	CDL(F)16-16T	15	20	224	24	65	153	148		210	204	197	190	185	179	168	153	137	118
/	CDL(F)16-17T	15	20	236	24	65	165	160		224	218	212	203	198	193	181	166	151	129

H(m)

Model		Power		Max.head	Max.flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	8	10	12	14	16	18	20	24	26	28
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	133	166	200	233	266	300	333	400	433	466
CDL(F)20-1	CDL(F)20-1T	1.1	1.5	15	28	65	45	40		14	13.5	13	12.5	12	11.5	10.5	9	8	7
CDL(F)20-2	CDL(F)20-2T	2.2	3	28	28	65	50	45		28	27	26	25	24	22.5	21	18	16	14
/	CDL(F)20-3T	4	5.5	42	28	65	60	55		41	40	39	38	36	34	32	27	24	21
/	CDL(F)20-4T	5.5	7.5	58	28	65	85	80		54	53	52	51	50	46	43	36	32	27
/	CDL(F)20-5T	5.5	7.5	71	28	65	88	83		68	67	65	63	61	58	55	45	40	33
/	CDL(F)20-6T	7.5	10	84	28	65	92	87		82	80	78	77	73	70	66	55	48	40
/	CDL(F)20-7T	7.5	10	100	28	65	95	90		96	94	92	89	86	82	77	65	58	47
/	CDL(F)20-8T	11	15	114	28	65	135	130		110	107	104	102	99	95	89	76	67	56
/	CDL(F)20-10T	11	15	142	28	65	141	136		137	135	132	127	124	118	112	98	86	73
/	CDL(F)20-12T	15	20	170	28	65	148	145		164	162	158	154	149	142	136	118	106	90
/	CDL(F)20-14T	15	20	198	28	65	153	148		191	189	186	181	176	169	161	140	126	110
/	CDL(F)20-16T	18.5	25	226	28	65	173	168		219	217	214	208	203	198	186	164	147	129
/	CDL(F)20-17T	18.5	25	242	28	65	176	170		234	231	228	223	217	210	202	178	162	142

H(m)

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

INDUSTRY MUNICIPAL

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model		Power		Max. head	Max. flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	12	16	20	24	28	30	32	36	40
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	200	266	333	400	466	500	533	600	666
CDL(F)32-10-1	CDL(F)32-10-1T	1.5	2	18	40	75	62	60		14.5	14	13	12	11	10.5	10	9	7
CDL(F)32-10	CDL(F)32-10T	2.2	3	22	40	75	63	61		19	18	16.5	15.5	14.5	14	13	11.5	9.5
/	CDL(F)32-20-2T	3	4	34	40	75	77	75		30	28	26	24	22	21	19	16	14
/	CDL(F)32-20T	4	5.5	41	40	75	88	86		36	34	32	30	27	26	24	21	17
/	CDL(F)32-30-2T	4	5.5	52	40	75	107	105		48	45	42	39	36	34	32	27	21
/	CDL(F)32-30T	5.5	7.5	59	40	75	107	105		54	52	49	46	42	39	37	31	25
/	CDL(F)32-40-2T	7.5	10	71	40	75	119	116		66	63	59	55	50	47	44	38	29
/	CDL(F)32-40T	7.5	10	78	40	75	120	117		72	69	66	62	56	53	50	42	34
/	CDL(F)32-50-2T	11	15	89	40	75	173	170		84	80	76	71	64	61	57	48	37
/	CDL(F)32-50T	11	15	98	40	75	174	171		91	87	83	78	71	66	62	53	42
/	CDL(F)32-60-2T	11	15	108	40	75	180	176		101	97	92	87	79	75	70	59	47
/	CDL(F)32-60T	11	15	114	40	75	181	176		109	105	101	95	87	83	77	65	52
/	CDL(F)32-70-2T	15	20	124	40	75	210	206		119	115	110	105	96	90	84	71	57
/	CDL(F)32-70T	15	20	132	40	75	211	207		127	123	118	112	103	97	91	78	61
/	CDL(F)32-80-2T	15	20	142	40	75	213	208		136	132	127	120	110	104	97	82	66
/	CDL(F)32-80T	15	20	148	40	75	214	209		143	139	134	126	117	111	104	88	70
/	CDL(F)32-90-2T	18.5	25	161	40	75	230	225		153	149	144	137	126	119	112	95	75
/	CDL(F)32-90T	18.5	25	168	40	75	230	226		161	157	152	145	134	126	119	102	80
/	CDL(F)32-100-2T	18.5	25	179	40	75	235	230		172	168	162	154	143	135	127	108	84
/	CDL(F)32-100T	18.5	25	184	40	75	235	231		179	174	169	162	149	142	134	114	88
/	CDL(F)32-110-2T	22	30	198	40	75	275	270		189	184	178	170	158	149	141	120	93
/	CDL(F)32-110T	22	30	202	40	75	275	271		197	192	186	178	165	157	148	126	97
/	CDL(F)32-120-2T	22	30	218	40	75	280	275		207	202	196	187	174	165	155	132	102
/	CDL(F)32-120T	22	30	222	40	75	281	276		214	210	203	194	180	171	161	137	107
/	CDL(F)32-130-2T	30	40	237	40	75	400	395		225	220	213	203	188	179	169	143	112
/	CDL(F)32-130T	30	40	242	40	75	400	395		232	227	220	210	197	187	177	150	118
/	CDL(F)32-140-2T	30	40	254	40	75	405	400		243	238	230	220	206	197	185	156	124
/	CDL(F)32-140T	30	40	260	40	75	405	400		250	245	237	227	212	203	192	163	130

H(m)

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max. head	Max. flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	25	30	35	40	45	50	55
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	416	500	583	666	750	833	916
CDL(F)45-10-1T	3	4	21	55	80	86	86		20	19	18	17	15	13	11
CDL(F)45-10T	4	5.3	27	55	80	86	86		24	23	22	21	19	18	16
CDL(F)45-20-2T	5.5	7.5	41	55	80	102	102		40	38	36	33	30	27	23
CDL(F)45-20T	7.5	10	57	55	80	102	102		48	46	44	42	39	35	31
CDL(F)45-30-2T	11	15	67	55	80	175	175		63	61	58	54	50	44	38
CDL(F)45-30T	11	15	78	55	80	175	175		72	70	67	63	58	53	45
CDL(F)45-40-2	15	20	92	55	80	187	187		87	84	80	75	69	62	54
CDL(F)45-40T	15	20	103	55	80	187	187		98	94	87	84	77	70	61
CDL(F)45-50-2T	18.5	25	119	55	80	208	208		113	108	102	96	88	80	69
CDL(F)45-50T	18.5	25	129	55	80	208	208		123	118	112	105	97	88	77
CDL(F)45-60-2T	22	30	142	55	80	251	251		137	132	125	118	109	98	86
CDL(F)45-60T	22	30	152	55	80	251	251		147	141	135	127	118	107	94
CDL(F)45-70-2T	30	40	171	55	80	315	315		160	154	147	139	128	116	101
CDL(F)45-70T	30	40	181	55	80	315	315		169	164	156	147	136	124	109
CDL(F)45-80-2T	30	40	195	55	80	319	319		184	178	169	160	147	132	116
CDL(F)45-80T	30	40	205	55	80	319	319		194	189	180	168	155	141	124
CDL(F)45-90-2T	30	40	220	55	80	323	323		209	202	193	182	169	152	133
CDL(F)45-90T	37	50	230	55	80	323	323		219	212	203	191	177	161	141
CDL(F)45-100-2T	37	50	250	55	80	347	347		233	225	215	203	188	170	148
CDL(F)45-100T	37	50	260	55	80	347	347		245	236	225	212	196	179	156
CDL(F)45-110-2T	45	60	278	55	80	413	413		259	250	239	226	209	191	166
CDL(F)45-110T	45	60	288	55	80	413	413		267	259	248	235	217	198	174
CDL(F)45-120-2T	45	60	300	55	80	417	417		284	274	263	248	230	209	183
CDL(F)45-120T	45	60	315	55	80	417	417		295	286	273	259	239	219	192
CDL(F)45-130-2T	45	60	328	55	80	421	421		309	300	186	270	250	227	199

H(m)

Model	Power		Max. head	Max. flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	30	40	50	60	64	70	80
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	500	666	833	1000	1066	1166	1333
CDL(F)64-10-1T	4	5.5	21	80	100	105	105		19	18	16	14	13	11.5	9
CDL(F)64-10T	5.5	7.5	29	80	100	110	110		27	25	23	20	19	17	14
CDL(F)64-20-2T	7.5	10	42	80	100	120	120		37	35	32	28	26	23	17
CDL(F)64-20-1T	11	15	52	80	100	155	155		47	44	40	36	34	30	24
CDL(F)64-20T	11	15	62	80	100	155	155		55	51	47	42	40	37	30
CDL(F)64-30-2T	15	20	70	80	100	195	195		66	62	56	50	46	41	32
CDL(F)64-30-1T	15	20	80	80	100	195	195		73	69	63	56	53	48	39
CDL(F)64-30T	18.5	25	96	80	100	205	205		81	76	70	64	60	55	46
CDL(F)64-40-2T	18.5	25	100	80	100	208	208		92	87	80	71	66	60	49
CDL(F)64-40-1T	22	30	112	80	100	260	260		100	94	87	78	76	67	54
CDL(F)64-40T	22	30	120	80	100	260	260		107	101	94	85	80	74	61
CDL(F)64-50-2T	30	40	136	80	100	345	345		119	113	105	95	89	80	64
CDL(F)64-50-1T	30	40	138	80	100	345	345		128	121	112	102	96	87	71
CDL(F)64-50T	30	40	150	80	100	345	345		136	129	119	109	103	94	78
CDL(F)64-60-2T	30	40	160	80	100	350	350		147	140	130	118	112	101	81
CDL(F)64-60-1T	37	50	170	80	100	370	370		157	149	138	125	118	108	88
CDL(F)64-60T	37	50	180	80	100	370	370		164	156	145	132	125	115	95
CDL(F)64-70-2T	37	50	194	80	100	375	375		176	167	156	140	133	121	99
CDL(F)64-70-1T	37	50	200	80	100	375	375		185	176	163	147	140	128	106
CDL(F)64-70T	45	60	210	80	100	435	435		193	183	170	155	147	135	112
CDL(F)64-80-2T	45	60	219	80	100	440	440		204	194	181	164	155	142	116
CDL(F)64-80-1T	45	60	228	80	100	440	440		214	203	189	170	162	149	123

COMMERCIAL CENTRIFUGAL PUMP

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max. head	Max. flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	50	60	70	80	85	90	100	110
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	833	1000	1166	1333	1416	1500	1666	1833
CDL(F)90-10-1T	5.5	7.5	27	110	100	120	120		22	20	18	16	15	13	10	6
CDL(F)90-10T	7.5	10	35	110	100	122	122		30	27	25	23	21	19	15	11
CDL(F)90-20-2T	11	15	48	110	100	165	165		41	39	36	32	30	28	22	15
CDL(F)90-20T	15	20	66	110	100	198	198		56	53	49	45	43	40	35	30
CDL(F)90-30-2T	18.5	25	80	110	100	212	212		68	65	60	55	52	49	41	33
CDL(F)90-30T	22	30	97	110	100	265	265	H(m)	83	79	73	67	64	61	54	47
CDL(F)90-40-2T	30	40	113	110	100	348	348		98	93	87	80	76	72	62	50
CDL(F)90-40T	30	40	128	110	100	348	348		110	105	100	92	88	84	75	65
CDL(F)90-50-2T	37	50	143	110	100	375	375		126	120	113	105	100	95	83	68
CDL(F)90-50T	37	50	160	110	100	375	375		140	133	126	117	113	107	95	83
CDL(F)90-60-2T	45	60	178	110	100	438	438		155	148	139	129	124	118	104	87
CDL(F)90-60T	45	60	193	110	100	438	438		168	160	151	141	135	130	117	103

Model	Power		Max. head	Max. flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	60	70	80	90	100	110	120	130	140	150
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	1000	1166	1333	1500	1666	1833	2000	2166	2333	2500
CDL(F)120-10T	11	15	22	150	125	230	230		22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
CDL(F)120-20-2T	15	20	36	150	125	245	245		34	33.6	33	31	30.2	30	28.5	27	25	24
CDL(F)120-20-1T	18.5	25	43	150	125	250	250		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
CDL(F)120-20T	22	30	48	150	125	285	285		46	45	44.5	43.5	42.4	41	40	38	36	33.5
CDL(F)120-30-2T	30	40	60	150	125	360	360		57	56	55	53.5	52	51	49	46.5	43.5	41
CDL(F)120-30-1T	30	40	66	150	125	360	360		64	63	62	60	58.5	57.5	55.5	52	49	46
CDL(F)120-30T	30	40	71	150	125	360	360		69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
CDL(F)120-40-2T	37	50	83	150	125	400	400		80.5	79	78	76	73.5	72	69	66	61.5	58
CDL(F)120-40-1T	37	50	92	150	125	400	400		87	86	84.5	82	80	78	76	72	68	64.5
CDL(F)120-40T	45	60	97	150	125	460	460	H(m)	92.5	91	90	88	85.5	83	81	77	73	68.5
CDL(F)120-50-2T	45	60	108	150	125	470	470		104.5	103	101	99	96	93	90	85.5	80.5	75.5
CDL(F)120-50-1T	45	60	114	150	125	470	470		110.5	109	107.5	105	102	100	97	92	86.5	83
CDL(F)120-50T	55	75	121	150	125	575	575		115.5	114	113	110	107.5	104.5	101.5	96	91	86
CDL(F)120-60-2T	55	75	131	150	125	585	585		128	125.5	123	121	117.3	113.5	110	104.5	98.5	92.5
CDL(F)120-60-1T	55	75	139	150	125	585	585		134	132	130.5	127	124	121	118	111	105	100
CDL(F)120-60T	75	100	143	150	125	705	705		139	137	135	132	128.8	126	123	116	110	104
CDL(F)120-70-2T	75	100	154	150	125	715	715		151	148	145.5	143	138.6	134	130	123.5	116.5	109
CDL(F)120-70-1T	75	100	161	150	125	715	715		156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
CDL(F)120-70T	75	100	168	150	125	715	715		162.5	160.5	158.5	155	151	148	145	137	129	123

COMMERCIAL CENTRIFUGAL PUMP

CDL(F) VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max. head	Max. flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	80	90	100	110	120	130	140	150	160	170	180
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	1333	1500	1666	1833	2000	2166	2333	2500	2666	2833	3000
CDL(F)150-10-1T	11	15	21	180	125	230	230		18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
CDL(F)150-10T	15	20	25	180	125	235	235		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
CDL(F)150-20-2T	18.5	25	40	180	125	250	250		37	35.5	34	33	32	31	29	27.5	26	23	21
CDL(F)150-20-1T	22	30	48	180	125	295	295		44.3	43	42	40	39	38.5	37.5	35	33	30	27
CDL(F)150-20T	30	40	55	180	125	350	350		50	49	48	47	45.5	44	42	40	37	34	32
CDL(F)150-30-2T	30	40	69	180	125	360	360		63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
CDL(F)150-30-1T	37	50	75	180	125	360	360		70	68	67	65	63	62	60	56	53	49	45
CDL(F)150-30T	37	50	84	180	125	385	385		78	76.5	75	73	70.5	68	66	63	59	55	50.5
CDL(F)150-40-2T	45	60	95	180	125	460	460		89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
CDL(F)150-40-1T	45	60	104	180	125	460	460	H(m)	96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
CDL(F)150-40T	55	75	112	180	125	560	560		104	102	100	97	95	91	88	84	79.5	74	68
CDL(F)150-50-2T	55	75	126	180	125	570	570		115.5	112	109	106	102.5	100	97	92	86	79	73.5
CDL(F)150-50-1T	75	100	133	180	125	690	690		122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
CDL(F)150-50T	75	100	140	180	125	690	690		130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5
CDL(F)150-60-2T	75	100	149	180	125	700	700		140	137	133	130	126	121	118	112	106	98	91
CDL(F)150-60-1T	75	100	158	180	125	700	700		148.5	145	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5
CDL(F)150-60T	75	100	168	180	125	700	700		157	153	149	145	142	139.5	137	130	123.5	116	109

Model	Power		Max. head	Max. flow	Size	CDL N/W	CDLF N/W	Q (m³/h)	100	120	140	160	180	200	220	240
	kW	HP	m	m³/m	mm	kg	kg	Q (L/min)	1666	2000	2333	2666	3000	3333	3666	4000
CDL(F)200-10-BT	18.5	25	28	240	150	311	311		25.5	25	24	23	21.5	20	18	15.5
CDL(F)200-10-AT	22	30	31	240	150	347	347		29	28.5	27.5	26.5	25.5	24	22	20
CDL(F)200-10T	30	40	41	240	150	403	403		38.5	38	37.5	36.5	35	34	32.5	30
CDL(F)200-20-2BT	37	40	57	240	150	447	447		53	51	49	47	44	41	37	32
CDL(F)200-20-2AT	45	60	64	240	150	504	504		59.5	58	56	54	52.5	49	44.5	40.5
CDL(F)200-20-AT	55	75	73	240	150	595	595		69	68	66	64	62	59	55.5	51
CDL(F)200-20T	55	75	83	240	150	595	595		78.5	77.5	76	74	71.5	69	66	61.5
CDL(F)200-30-2BT	75	100	98	240	150	748	748		91.5	89	86.5	83.5	79	75	70	63
CDL(F)200-30-A-BT	75	100	101	240	150	748	748		95	93	90	87	83.5	79	73.5	67
CDL(F)200-30-2AT	75	100	106	240	150	748	748	H(m)	99.5	97.5	94.5	91.5	89	84	78.5	72
CDL(F)200-30-BT	75	100	111	240	150	748	748		104.5	102.5	100	97	93	89	84.5	77.5
CDL(F)200-30-AT	75	100	114	240	150	748	748		108	106	103.5	100.5	97.5	93	88	81.5
CDL(F)200-30T	90	120	124	240	150	817	817		117.5	116	113.5	110.5	107	103	99	92
CDL(F)200-40-2BT	90	120	140	240	150	830	830		131.5	129	125.5	121	115.5	110	103.5	94
CDL(F)200-40-2AT	110	150	147	240	150	1180	1180		138.5	136	132	128	124	118	111	102.5
CDL(F)200-40-AT	110	150	157	240	150	1180	1180		148	145.5	142.5	138	134	128	122	113
CDL(F)200-40T	110	150	167	240	150	1180	1180		157.5	155.5	152.5	148	143.5	138	132.5	123.5

CDP VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

Installation and use

CDP series is recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability, compact, economy and the fact that they are easy to use, they are particularly suitable for domestic and industrial applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to
333.3 L/min (20 m³/h)

Head up to
161 m

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application limits

Liquid temperature up to + 50 C
Ambient temperature up to + 50 C

Application

Air- conditioning system
Water treatment
Pressure boosting for the water on processing line
Heating and cooling water on industrial processing line
Air freshen,moistening equipment (soft water)
Water supply and pressure boosting (drinking water)
Fertilization/ metering system
Aquaculture
Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers

Construction

Pump Body: Cast iron.
Impeller: Plastic or Stainless steel.
Motor Shaft: stainless steel .
Mechanical Seal: Ceramic- graphite.
Insulation: Class F.
Protection: IP 55.

INDUSTRY MUNICIPAL

***: CDP with plastic impeller**
CDPS with stainless steel impeller

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	0.4	0.8	1.2	1.6	2	2.4	2.45
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	6.7	13.3	20	26.7	33.3	40	40.8
CDP1-2	CDP1-2T	0.25	0.33	20	2.45	G1"xG1"		20	17	15	13	10	8	5	4
CDP1-3	CDP1-3T	0.25	0.33	25	2.45	G1"xG1"		25	24	21	19	16	14	10	9
CDP1-4	CDP1-4T	0.37	0.5	30	2.45	G1"xG1"		30	28	24	23	20	17	12	11
CDP1-5	CDP1-5T	0.37	0.5	35	2.45	G1"xG1"		35	32	29	25	23	17	14	13
CDP1-6	CDP1-6T	0.55	0.75	44	2.45	G1"xG1"		44	41	38	34	29	24	17	16
CDP1-7	CDP1-7T	0.55	0.75	50	2.45	G1"xG1"	H(m)	50	47	44	40	34	27	20	19
CDP1-8	CDP1-8T	0.75	1	58	2.45	G1"xG1"		58	55	51	47	40	33	24	23
CDP1-9	CDP1-9T	0.75	1	67	2.45	G1"xG1"		67	63	58	52	46	37	28	27
CDP1-11	CDP1-11T	0.75	1	83	2.45	G1"xG1"		83	78	70	63	54	43	31	32
CDP1-13	CDP1-13T	1	1.33	94	2.45	G1"xG1"		94	86	80	70	60	49	35	34

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.4
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	73.3
CDP2-2	CDP2-2T	0.37	0.5	25	4.4	G1"xG1"		25	24	23	22	18	16	14	8	6
CDP2-3	CDP2-3T	0.55	0.75	37	4.4	G1"xG1"		37	36	35	33	30	25	20	10	8
CDP2-4	CDP2-4T	0.75	1	48	4.4	G1"xG1"		48	47	46	45	43	38	27	13	11
CDP2-5	CDP2-5T	1	1.33	60	4.4	G1"xG1"		60	59	56	52	47	40	31	17	16
CDP2-6	CDP2-6T	1	1.33	70	4.4	G1"xG1"		70	68	63	60	52	45	35	22	19
CDP2-7	CDP2-7T	1.1	1.5	82	4.4	G1"xG1"	H(m)	82	80	75	70	60	52	43	30	29
CDP2-8	CDP2-8T	1.5	2	92	4.4	G1"xG1"		92	90	86	80	72	60	50	36	35
CDP2-9	CDP2-9T	1.5	2	105	4.4	G1"xG1"		105	103	97	90	82	70	60	45	43
CDP2-11	CDP2-11T	1.85	2.5	135	4.4	G1"xG1"		135	133	128	120	108	93	75	57	53
CDP2-13	CDP2-13T	2.2	3	152	4.4	G1"xG1"		152	147	140	130	118	102	83	62	59

CDP VERTICAL STAINLESS STEEL MULTISTAGE CENTRIFUGAL PUMP

INDUSTRY MUNICIPAL

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	1	2	3	4	5	6	7
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	16.6	33.3	50	66.7	83.3	100	116.7
CDP4-2	CDP4-2T	0.55	0.75	25	7	G1"xG1"		25	24	23	21	17	14	8	6
CDP4-3	CDP4-3T	0.75	1	39	7	G1"xG1"		39	36	32	30	27	22	15	10
CDP4-4	CDP4-4T	1	1.33	50	7	G1"xG1"		50	47	45	43	37	30	19	12
CDP4-5	CDP4-5T	1.5	2	62	7	G1"xG1"		62	60	56	52	45	38	30	22
CDP4-6	CDP4-6T	1.5	2	75	7	G1"xG1"	H(m)	75	74	68	62	55	45	37	23
CDP4-7	CDP4-7T	1.85	2.5	88	7	G1"xG1"		88	83	76	70	61	52	38	27
CDP4-8	CDP4-8T	2.2	3	103	7	G1"xG1"		103	99	94	85	75	60	45	29
	CDP4-10T	2.2	3	120	7	G1"xG1"		120	116	107	98	86	70	53	31
	CDP4-12T	3	4	145	7	G1"xG1"		145	143	135	120	105	84	60	35

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	2	4	6	8	10	12
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200
CDP6-3	CDP6-3T	1.1	1.5	40	12	G1¼"xG1¼"		40	37	33	28	22	15	4
CDP6-4	CDP6-4T	1.5	2	53	12	G1¼"xG1¼"		53	48	44	36	28	17	6
CDP6-5	CDP6-5T	1.85	2.5	64	12	G1¼"xG1¼"		64	60	53	45	37	25	9
CDP6-6	CDP6-6T	2.2	3	78	12	G1¼"xG1¼"	H(m)	78	73	63	53	43	28	11
	CDP6-8T	3	4	101	12	G1¼"xG1¼"		101	97	86	75	60	40	15
	CDP6-10T	4	5.5	131	12	G1¼"xG1¼"		131	127	114	97	75	53	25
	CDP6-12T	5.5	7.5	161	12	G1¼"xG1¼"		161	152	135	115	90	61	30

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	2	4	6	8	10	12	14	15
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200	233.3	250
CDP8-2	CDP8-2T	1.1	1.5	21	15	G1½"xG1¼"		21	19.9	18	17	15	13	10	7	5
CDP8-3	CDP8-3T	1.1	1.5	30	15	G1½"xG1¼"		30	29	27	26	24	22	19	14	9
CDP8-4	CDP8-4T	1.5	2	40	15	G1½"xG1¼"	H(m)	40	38	37	35	32	29	25	18	14
	CDP8-5T	2.2	3	48	15	G1½"xG1¼"		48	47	45	43	40	35	30	22	16
	CDP8-6T	3	4	60	15	G1½"xG1¼"		60	59	57	55	51	47	41	31	23

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	3	6	9	12	15	18	20
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	50	100	150	200	250	300	333.3
CDP12-2	CDP12-2T	1.1	1.5	28	20	G1½"xG1¼"		28	27	23	20	16	14	8	4
CDP12-3	CDP12-3T	1.5	2	38	20	G1½"xG1¼"		38	36	31	29	23	17	13	7
CDP12-4	CDP12-4T	2.2	3	50	20	G1½"xG1¼"		50	48	45	41	35	25	15	8
	CDP12-6T	3	4	77	20	G1½"xG1¼"	H(m)	77	72	65	58	47	37	22	14
	CDP12-7T	4	5.5	93	20	G1½"xG1¼"		93	89	82	74	62	48	30	18
	CDP12-8T	4.7	6.5	105	20	G1½"xG1¼"		105	101	92	83	68	53	35	23
	CDP12-10T	5.5	7.5	142	20	G1½"xG1¼"		142	124	113	101	87	68	44	28

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	2	4	6	8	10
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	33.3	66.7	100	133.3	166.7
CDPS6-4	CDPS6-4T	1.5	2	54	10.5	G1.5"xG1.25"		54	52	44	33	22	7
CDPS6-6	CDPS6-6T	2.2	3	84	10.5	G1.5"xG1.25"		84	78	66	57	42	27
	CDPS6-8T	3	4	118	10.5	G1.5"xG1.25"	H(m)	118	108	95	74	61	41
	CDPS6-10T	4	5.5	144	10.5	G1.5"xG1.25"		144	131	112	94	72	47

Model		Power		Max.head	Max.flow	Size	Q (m³/h)	0	2	4	6	8	10	12	14	16
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200	233.3	266.7
CDPS12-3	CDPS12-3T	1.5	2	38	16.8	G1.5"xG1.25"		38	37	35	32	30	25	22	18	12
CDPS12-4	CDPS12-4T	2.2	3	51	16.8	G1.5"xG1.25"		51	48	46	42	37	35	30	23	18
	CDPS12-6T	3	4	81	16.8	G1.5"xG1.25"	H(m)	81	76	72	67	62	56	50	42	33
	CDPS12-7T	4	5.5	93	16.8	G1.5"xG1.25"		93	90	85	81	75	67	60	52	42

FREQUENCY CONVERTER PUMP

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use and are economical,these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments.The pumps should be installed in enclosed environment,or at least sheltered from inclement weather.


HIGH-RISE BUILDINGS


INDUSTRY


MUNICIPAL

Application

They are recommended for pumping clean water and liquids thatare chemically non aggressive for the materials of which the pumpis made.
Due to their Reliability, compact, economy and ease to use,they are particularly suitable for domestic and industrial applicationssuch as water supply for recirculation in air conditioners andrefrigerators, garden watering, watersuction from tanks or wells down to 9 meter depth. The pump isequipped with a check valve on the suction side SO that no footvalve is required. The pumps must be installed in enclosed places.

Installation And Use

The Green controller has high quality, multi-functional, low noise and strong commonality etc.characteristics. This series of controller can ensure great reliability and efficiency. The controller can start and stop the water pump automatically according to pressure setting. Stop the pump in the case of water shortage. After power cut off, restart the pump automatically when the power on. Due to its reliability and flexibility, this controller is suitable for hotels, apartment, residential community area, high- rise building, orchard, office, water treatment equipment etc.

FEATURES

- Sleep Function: No water consumption pump decelerates to the down limit and after a detection then sleep down. Until the pressure below settings, master pump wake up automatically.
- Restart after Power on: Power off during running, it restarts when power on again.
- Terminal Run/ Stop: Can be connected to external switch from terminal. When switch on, pump run and maintain a setting constant pressure; When switch off,pump stopped.
- Simple installation and no required maintenance
- Electrical fault protection: When there is an over current, over voltage, under voltage, phase loss, over load etc, the Controller will stop automatically.

Picture	Model	Single-phase Input Voltage	Three-phase Output Voltage	Power	
				kW	HP
	GBCU-01D	220V 50/60Hz	0~220V	0.75	1
	GBCU-02D	220V 50/60Hz	0~220V	1.5	2
	GBCU-03D	220V 50/60Hz	0~220V	2.2	3
	GBCU-05D	220V 50/60Hz	0~220V	3.7	5
	GBCU-07D	220V 50/60Hz	0~220V	5.5	7

Picture	Model	Three-phase Input Voltage	Three-phase Output Voltage	Power	
				kW	HP
 Frequency conversion	GBCU-01	380V 50/60Hz	0~380V	0.75	1
	GBCU-02	380V 50/60Hz	0~380V	1.5	2
	GBCU-03	380V 50/60Hz	0~380V	2.2	3
	GBCU-05	380V 50/60Hz	0~380V	4	5
	GBCU-07	380V 50/60Hz	0~380V	5.5	7
	GBCU-10	380V 50/60Hz	0~380V	7.5	10
	GBCU-15	380V 50/60Hz	0~380V	11	15
	GBCU-20	380V 50/60Hz	0~380V	15	20
	GBCU-25	380V 50/60Hz	0~380V	18.5	25
	GBCU-30	380V 50/60Hz	0~380V	22	30
	GBCU-40	380V 50/60Hz	0~380V	30	40
	GBCU-50	380V 50/60Hz	0~380V	37	50
	GBCU-60	380V 50/60Hz	0~380V	45	60
	GBCU-75	380V 50/60Hz	0~380V	55	75
	GBCU-100	380V 50/60Hz	0~380V	75	100
	GBCU-125	380V 50/60Hz	0~380V	90	125

CONTROL FREQUENCY CONVERTER

Picture	Model	Single-phase Input Voltage	Three-phase Output Voltage	Power	
				kW	HP
 Frequency conversion	GSCU-01D	220V 50/60Hz	0~220V	0.75	1
	GSCU-02D	220V 50/60Hz	0~220V	1.5	2
	GSCU-03D	220V 50/60Hz	0~220V	2.2	3
	GSCU-05D	220V 50/60Hz	0~220V	3.7	5
	GSCU-07D	220V 50/60Hz	0~220V	5.5	7
Model		Three-phase Input Voltage	Three-phase Output Voltage	Power	
				kW	HP
	GSCU-01	380V 50/60Hz	0~380V	0.75	1
	GSCU-02	380V 50/60Hz	0~380V	1.5	2
	GSCU-03	380V 50/60Hz	0~380V	2.2	3
	GSCU-05	380V 50/60Hz	0~380V	4	5
	GSCU-07	380V 50/60Hz	0~380V	5.5	7
	GSCU-10	380V 50/60Hz	0~380V	7.5	10
	GSCU-15	380V 50/60Hz	0~380V	11	15
	GSCU-20	380V 50/60Hz	0~380V	15	20

Picture	Model	Input Voltage	Three-phase Output Voltage	Power	
				kW	HP
 Solar energy	GBSL-01D	DC Input 220-370	220	0.75	1
	GBSL-02D	DC Input 220-370	220	1.5	2
	GBSL-03D	DC Input 220-370	220	2.2	3
	GBSL-01	DC Input 420-720	380	0.75	1
	GBSL-02	DC Input 420-720	380	1.5	2
	GBSL-03	DC Input 420-720	380	2.2	3
	GBSL-05	DC Input 420-720	380	4	5
	GBSL-07	DC Input 420-720	380	5.5	7
	GBSL-10	DC Input 420-720	380	7.5	10
	GBSL-15	DC Input 420-720	380	11	15
	GBSL-20	DC Input 420-720	380	15	20
	GBSL-25	DC Input 420-720	380	18.5	25
	GBSL-30	DC Input 420-720	380	22	30
	GBSL-40	DC Input 420-720	380	30	40
	GBSL-50	DC Input 420-720	380	37	50
	GBSL-60	DC Input 420-720	380	45	60
	GBSL-75	DC Input 420-720	380	55	75
	GBSL-100	DC Input 420-720	380	75	100
	GBSL-120	DC Input 420-720	380	90	120

FREQUENCY CONVERTER PUMP

CB-CHL FREQUENCY CONVERTER PUMP

Installation And Use

This series of single pump with superior performance and rich function, can meet the requirement of water supply in different occasions and improve the quality of water supply system to achieve the effect of energy saving and environmental protection. Variable frequency drive to lower pump power consumption.

Flow rate up to 466.67L/min (28 m³/h)

Head up to 69 m

Application Limits

Liquid temperature: 0℃ ~ + 60℃
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting
Drinking water distribution

USES

Clean water and chemically non- aggressive liquids.
Water supply:pressure boosting school, hotel, sauna room, garden irrigation, etc.

*: 0.37~2.2kW pump can powered by 1~220V or 3~380V 50/60Hz
*: 3kW pump and above powered by 3~380V 50/60Hz

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	3	4	6	8	10	12	14	16	24
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	16.7	33.3	50	66.7	100	133.3	166.7	200	233.3	266.7	400
CB-CHL2-20	0.37	0.55	20	3.5		10.5		20	18	14	11	/	/	/	/	/	/	/	/
CB-CHL2-30	0.37	0.55	28	3.5		10.8		28	27	21	17	/	/	/	/	/	/	/	/
CB-CHL2-40	0.55	0.75	38	3.5	1.25"×1	12		38	35	28	23	/	/	/	/	/	/	/	/
CB-CHL2-50	0.55	0.75	48	3.5		12.4		48	43	35	28	/	/	/	/	/	/	/	/
CB-CHL2-60	0.75	1	56	3.5		13.6		56	50	42	32	/	/	/	/	/	/	/	/
CB-CHL4-20	0.55	0.75	20	7		11.4		20	/	18	16	15	10	/	/	/	/	/	/
CB-CHL4-30	0.75	1	28	7		11.5		28	/	27	25	22	15	/	/	/	/	/	/
CB-CHL4-40	0.75	1	38	7	1.25"×1"	14		38	/	36	33	30	20	/	/	/	/	/	/
CB-CHL4-50	1	1.35	48	7		14		48	/	44	41	38	26	/	/	/	/	/	/
CB-CHL4-60	1.1	1.5	58	7		15.6		58	/	53	50	45	33	/	/	/	/	/	/
CB-CHL8-10S	0.55	0.75	17	10		12.8		17	/	/	/	15	13	12	8	/	/	/	/
CB-CHL8-15S	0.75	1	28	10		14.3		28	/	/	/	25	22	20	12	/	/	/	/
CB-CHL8-20S	1	1.5	34	10		15.4		34	/	/	/	32	27	24	17	/	/	/	/
CB-CHL8-25S	1.5	2	49	10		19		49	/	/	/	43	38	27	20	/	/	/	/
CB-CHL8-30S	1.85	2.5	56	10		20.5		56	/	/	/	50	44	36	26	/	/	/	/
CB-CHL8-35S	2.2	3	62	10	1.5"×1.5"	21.2		62	/	/	/	56	48	43	28	/	/	/	/
CB-CHL8-40S	2.2	3	69	10		21.5		69	/	/	/	65	57	48	34	/	/	/	/
CB-CHL8-10	0.55	0.75	13	16		12.6		13	/	/	/	11	10	9	8	7	6	5	/
CB-CHL8-20	0.75	1	23	16		14.2		23	/	/	/	22	20	19	18	13	11	8	/
CB-CHL8-30	1.1	1.5	33	16		17.4		33	/	/	/	31	29	26	24	20	16	11	/
CB-CHL8-40	1.5	2	43	16		19.2		43	/	/	/	41	39	37	33	39	23	17	/
CB-CHL8-50	2.2	3	53	16		22		53	/	/	/	51	49	47	42	37	30	23	/
CB-CHL12-10S	1	1.5	20	14		14.5		20	/	/	/	/	19	18	16	14	11	/	/
CB-CHL12-15S	1.5	2	31	14		18		31	/	/	/	/	28	26	24	20	15	/	/
CB-CHL12-20S	1.85	2.5	40	14		19.7		40	/	/	/	/	38	35	31	28	20	/	/
CB-CHL12-25S	2.2	3	50	14		20.3		50	/	/	/	/	47	43	39	34	27	/	/
CB-CHL12-30ST	3	4	60	14	1.5"×1.5"	27.4		60	/	/	/	/	54	50	45	39	30	/	/
CB-CHL12-10	0.75	1	13	16		13.6		13	/	/	/	/	/	11.5	10.5	9.5	8	6	/
CB-CHL12-20	1.1	1.5	25	16		16.6		25	/	/	/	/	/	22.5	21	19.5	17	13	/
CB-CHL12-30	1.85	2.5	38	16		20		38	/	/	/	/	/	34.5	32.5	29.5	26	20	/
CB-CHL12-40	2.2	3	50	16		20.7		50	/	/	/	/	/	46	43.5	39.5	35	27.5	/
CB-CHL12-50T	3	4	65	16		29.2		65	/	/	/	/	/	58	55	50	44	35	/
CB-CHL16-10	1	1.4	13	24		15.7		13	/	/	/	/	/	12	11.5	11	10.5	10	6
CB-CHL16-20	1.5	2	26	24	2"×2"	19.4		26	/	/	/	/	/	24	23	22	21	20	12
CB-CHL16-30	2.2	3	39	24		25		39	/	/	/	/	/	38	36	34	33	30	20
CB-CHL20-10	1	1.7	13	28		15.7		13	/	/	/	/	/	/	13	12.5	12	11.5	9
CB-CHL20-20	1.85	2.5	26	28	2"×2"	21		26	/	/	/	/	/	/	25	24	23	22	16
CB-CHL20-30T	3	4	39	28		29.7		39	/	/	/	/	/	/	39	38	36	35	27

H(m)

CBB-CHL FREQUENCY CONVERTER PUMP

Installation And Use

This series of single pump with superior performance and rich function, can meet the requirement of water supply in different occasions and improve the quality of water supply system to achieve the effect of energy saving and environmental protection. Variable frequency drive to lower pump power consumption.

Flow rate up to 466.67L/min (28 m³/h)

Head up to 69 m

Application Limits

Liquid temperature: 0℃ ~ + 60℃
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting
Drinking water distribution

USES

Clean water and chemically non- aggressive liquids. Water supply:pressure boosting school, hotel, sauna room, garden irrigation, etc.

*: 0.37~2.2kW pump can powered by 1~220V or 3~380V 50/60Hz
*: 3kW pump and above powered by 3~380V 50/60Hz

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	3	4	6	8	10	12	14	16	24
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	16.7	33.3	50	66.7	100	133.3	166.7	200	233.3	266.7	400
CBB-CHL2-20	0.37	0.55	20	3.5		10.5		20	18	14	11	/	/	/	/	/	/	/	/
CBB-CHL2-30	0.37	0.55	28	3.5		10.8		28	27	21	17	/	/	/	/	/	/	/	/
CBB-CHL2-40	0.55	0.75	38	3.5	1.25"×1"	12		38	35	28	23	/	/	/	/	/	/	/	/
CBB-CHL2-50	0.55	0.75	48	3.5		12.4		48	43	35	28	/	/	/	/	/	/	/	/
CBB-CHL2-60	0.75	1	56	3.5		13.6		56	50	42	32	/	/	/	/	/	/	/	/
CBB-CHL4-20	0.55	0.75	20	7		11.4		20	/	18	16	15	10	/	/	/	/	/	/
CBB-CHL4-30	0.75	1	28	7		12.7		28	/	27	25	22	15	/	/	/	/	/	/
CBB-CHL4-40	0.75	1	38	7	1.25"×1"	8.2		38	/	36	33	30	20	/	/	/	/	/	/
CBB-CHL4-50	1	1.35	48	7		14		48	/	44	41	38	26	/	/	/	/	/	/
CBB-CHL4-60	1.1	1.5	58	7		14.7		58	/	53	50	45	33	/	/	/	/	/	/
CBB-CHL8-10S	0.55	0.75	17	10		12.8		17	/	/	/	15	13	12	8	/	/	/	/
CBB-CHL8-15S	0.75	1	28	10		14.3		28	/	/	/	25	22	20	12	/	/	/	/
CBB-CHL8-20S	1	1.5	34	10		15.4		34	/	/	/	32	27	24	17	/	/	/	/
CBB-CHL8-25S	1.5	2	49	10		19		49	/	/	/	43	38	27	20	/	/	/	/
CBB-CHL8-30S	1.85	2.5	56	10		20.5		56	/	/	/	50	44	36	26	/	/	/	/
CBB-CHL8-35S	2.2	3	62	10	1.5"×1.5"	21.2		62	/	/	/	56	48	43	28	/	/	/	/
CBB-CHL8-40S	2.2	3	69	10		19.6		69	/	/	/	65	57	48	34	/	/	/	/
CBB-CHL8-10	0.55	0.75	13	16		12.6		13	/	/	/	11	10	9	8	7	6	5	/
CBB-CHL8-20	0.75	1	23	16		14.2		23	/	/	/	22	20	19	18	13	11	8	/
CBB-CHL8-30	1.1	1.5	33	16		17.4		33	/	/	/	31	29	26	24	20	16	11	/
CBB-CHL8-40	1.5	2	43	16		19.2		43	/	/	/	41	39	37	33	39	23	17	/
CBB-CHL8-50	2.2	3	53	16		22		53	/	/	/	51	49	47	42	37	30	23	/
CBB-CHL12-10S	1	1.5	20	14		14.5		20	/	/	/	/	19	18	16	14	11	/	/
CBB-CHL12-15S	1.5	2	31	14		18		31	/	/	/	/	28	26	24	20	15	/	/
CBB-CHL12-20S	1.85	2.5	40	14		19.7		40	/	/	/	/	38	35	31	28	20	/	/
CBB-CHL12-25S	2.2	3	50	14		20.3		50	/	/	/	/	47	43	39	34	27	/	/
CBB-CHL12-30ST	3	4	60	14	1.5"×1.5"	27.4		60	/	/	/	/	54	50	45	39	30	/	/
CBB-CHL12-10	0.75	1	13	16		13.6		13	/	/	/	/	/	11.5	10.5	9.5	8	6	/
CBB-CHL12-20	1.1	1.5	25	16		16.6		25	/	/	/	/	/	22.5	21	19.5	17	13	/
CBB-CHL12-30	1.85	2.5	38	16		20		38	/	/	/	/	/	34.5	32.5	29.5	26	20	/
CBB-CHL12-40	2.2	3	50	16		20.7		50	/	/	/	/	/	46	43.5	39.5	35	27.5	/
CBB-CHL12-50T	3	4	65	16		29.2		65	/	/	/	/	/	58	55	50	44	35	/
CBB-CHL16-10	1	1.4	13	24		15.7		13	/	/	/	/	/	12	11.5	11	10.5	10	6
CBB-CHL16-20	1.5	2	26	24	2"×2"	19.4		26	/	/	/	/	/	24	23	22	21	20	12
CBB-CHL16-30	2.2	3	39	24		25		39	/	/	/	/	/	38	36	34	33	30	20
CBB-CHL20-10	1	1.7	13	28		15.7		13	/	/	/	/	/	/	13	12.5	12	11.5	9
CBB-CHL20-20	1.85	2.5	26	28	2"×2"	21		26	/	/	/	/	/	/	25	24	23	22	16
CBB-CHL20-30T	3	4	39	28		28.5		39	/	/	/	/	/	/	39	38	36	35	27

H(m)

CB-CHI FREQUENCY CONVERTER PUMP

Installation And Use

This series of single pump with superior performance and rich function, can meet the requirement of water supply in different occasions and improve the quality of water supply system to achieve the effect of energy saving and environmental protection. Variable frequency drive to lower pump power consumption.

Flow rate up to 466.67 L/min (28 m³/h) **Head up to** 65 m

Application Limits

Liquid temperature: 0℃ ~ + 60℃
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting
Drinking water distribution

USES

Clean water and chemically non- aggressive liquids. Water supply:pressure boosting school, hotel, sauna room, garden irrigation, etc.

*: 0.37~2.2kW pump can powered by 1~220V or 3~380V 50/60Hz
*: 3kW pump and above powered by 3~380V 50/60Hz

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	3	4	6	8	10	12	14	16
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	16.7	33.3	50	66.7	100	133.3	166.7	200	233.3	266.7
CB-CHI2-20	0.37	0.3	20	4.3	1"x1¼"	10.5		20	19.3	18	15.5	12	/	/	/	/	/	/
CB-CHI2-30	0.37	0.5	29	4.3		10.8		29	26.5	24	21.0	15	/	/	/	/	/	/
CB-CHI2-40	0.55	0.75	38.5	4.3		12		38.5	35.5	32	28.0	20	/	/	/	/	/	/
CB-CHI2-50	0.55	0.75	47.5	4.3		12.4		47.5	43.5	40	34.5	24	/	/	/	/	/	/
CB-CHI2-60	0.75	1	56.5	4.3		13.6		56.5	52.3	47	39.0	27	/	/	/	/	/	/
CB-CHI4-20	0.55	0.5	19	6.3	1"x1¼"	11.4		19	18.5	17.5	16	15	10	/	/	/	/	/
CB-CHI4-30	0.75	0.75	30	6.3		12.7		30	29	28	26.5	25	18	/	/	/	/	/
CB-CHI4-40	0.75	1	38	6.3		13.2		38	38	36	33.5	30	20	/	/	/	/	/
CB-CHI4-50	1	1.35	48.5	6.3		14		48.5	47	45	42.5	40	27	/	/	/	/	/
CB-CHI4-60	1.1	1.75	58.5	6.3		14.7		58.5	56.5	54	52.5	49	36	/	/	/	/	/
CB-CHI8-10S	0.55	0.75	18	10	1.5"	12.8		18	/	/	/	15	13	10	8	/	/	/
CB-CHI8-15S	0.75	1	29	10		14.3		29	/	/	/	25	22	17	12	/	/	/
CB-CHI8-20S	1	1.35	34	10		15.4		34	/	/	/	32	27	20	17	/	/	/
CB-CHI8-25S	1.5	2	49.5	10		19		49.5	/	/	/	43	38	30	20	/	/	/
CB-CHI8-30S	1.85	2.5	56	10		20.5		56	/	/	/	50	44	32	26	/	/	/
CB-CHI8-35S	2.2	3	62	10		21.2		62	/	/	/	56	48	42	28	/	/	/
CB-CHI8-40S	2.2	3	69	10		21.5		69	/	/	/	65	57	43	34	/	/	/
CB-CHI8-10	0.55	0.75	14	16		12.6		14	/	/	/	11	10	9	8	7	6	5
CB-CHI8-20	0.75	1	24	16		14.2		24	/	/	/	22	20	19	18	13	11	8
CB-CHI8-30	1.1	1.35	33	16		17.4		33	/	/	/	31	29	26	24	20	16	11
CB-CHI8-40	1.5	2	42.5	16		19.2		42.5	/	/	/	41	39	37	33	28	23	17
CB-CHI8-50	2.2	3	53	16		22		53	/	/	/	51	49	46.5	42	37	30	23
CB-CHI12-10S	1	1.35	20	14	1.5"	14.5		20	/	/	/	/	19	17.5	15.5	13.5	10.5	/
CB-CHI12-15S	1.5	2	30	14		18		30	/	/	/	/	28	26	24	20	15	/
CB-CHI12-20S	1.85	2.5	40	14		19.7		40	/	/	/	/	38	35	31	28	20	/
CB-CHI12-25S	2.2	3	50	14		20.3		50	/	/	/	/	47	43	39	33.5	27	/
CB-CHI12-30ST	3	4	60	14		27.4		60	/	/	/	/	53.5	50	45	39	30	/
CB-CHI12-10	0.75	1	13	16		13.6		13	/	/	/	/	/	11.5	10.5	9.5	8	6
CB-CHI12-20	1.1	1.5	25	16		16.6		25	/	/	/	/	/	22.5	21	19.5	17	13
CB-CHI12-30	1.85	2.5	39	16		20		39	/	/	/	/	/	34.5	32.5	29.5	26	20
CB-CHI12-40	2.2	3	51	16		20.7		51	/	/	/	/	/	46	43.5	39.5	35	27.5
CB-CHI12-50T	3	4	65	16		29.2		65	/	/	/	/	/	58	55	50	44	35

CB-CHI FREQUENCY CONVERTER PUMP

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	8	10	12	14	16	18	20	22	24	26
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	133.3	166.7	200	233.3	266.7	300	333.3	366.7	400	433.3
CB-CHI16-10	1	1.35	12	24	2"	15.7	H(m)	12	12	11.5	11	10.5	10	9	8	7	6	/
CB-CHI16-20	1.5	2	26	24		19.4		26	24	23	22	21	20	19	16	14	12	/
CB-CHI16-30	2.2	3	40	24		25		40	38	36	34	33	30	28	26	23	20	/
CB-CHI20-10	1	1.35	13	28		15.7		13	/	13	12.5	12	11.5	11	10.5	10	9	8.5
CB-CHI20-20	1.85	2.5	25	28		21		25	/	25	24	23	22	21	20	18	16	14
CB-CHI20-30T	3	4	40	28		28.5		40	/	39	38	36	35	33	31.5	30	27	24

GPS FREQUENCY CONVERTER PUMP - PERMANENT MAGNET MOTOR

Impeller/SUS304

Features and advantages

The pump has a small installation volume, which can save more installation space. The standby power design as low as 1W makes the energy-saving technology perfectly present. Motor sensorless drive technology (FOC) can completely realize zero maintenance of motor system. This pump is equipped with industrial pressure sensor and LCD man-machine interface, it's easy to operate. The constant pressure control system specially designed for families can completely realize constant water pressure.

Flow rate up to 83.33 L/min (5 m³/h) **Head up to** 40 m

Applications

Whole house water supply, household single pump constant pressure control.
High rise building water supply and drainage.
Industrial and civil water supply system.

Construction

Pump body: Stainless steel.
Impeller: Stainless steel.
Motor shaft: 304 welded shaft.
Mechanical seal: Silicon carbide graphite.
Protection: IP 54.

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	3	4	5
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	17	33	50	67	83
GPS2-4	0.55	0.75	28	4.8	1"x1"	6.2	H(m)	28	27	23.7	21	15.8	9.5
GPS2-4H	0.65	0.85	40	5	1"x1"	6.2		40	35	30	25	15.8	9.5

GPI FREQUENCY CONVERTER PUMP – PERMANENT MAGNET MOTOR

Features and advantages

The system adopts rare permanent magnent synchronous motor, which has ultra-high energy efficiency and ultra-low power consumption. The standby power design as low as 1W makes the energy-saving technology perfect. Motor sensorless drive technology (FOC) can completely realiz zero maintenance of motor system. The man-machine with LCD display is easy to operate. The pump with compact size and convenient installation, and it is equipped with industrial pressure sensor, stainless steel five way and stainless steel oil inection pressure guage.

Impeller/SUS304

Flow rate up to 116.67L/min (7 m³/h)

Head up to 55 m

Applications

Household single pump constant pressure control.
Small and medium sized high precision intelligent control water supply system.
Industrial and civil water supply system.

Construction

Pump body: Stainless steel.
Impeller: Stainless steel.
Motor shaft: 304 welded shaft.
Mechanical seal: Silicon carbide graphite.
Protection: IP 54.

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	3	4	5	6	6.4
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	17	33	50	67	83	100	107
GPI2-3	0.8	1.1	41.5	5.1	1"x1"	7.1	H(m)	41.5	38	35	32	26	10	/	/
GPI2-4	1	1.35	56	5.6	1"x1"	7.6		56	53	50	45	36	25	14	/
GPI4-3	1	1.35	45.5	6.5	1.25"x1"	7.1		45.5	35	35.5	35	34	27.7	9	/
GPI4-4	1.2	1.6	55	7	1.25"x1"	7.6		55	54	49	45	36	28	20	13

GPL FREQUENCY CONVERTER PUMP – PERMANENT MAGNET MOTOR

Features and advantages

It is specially designed for household water supply to realize constant water pressure. Motor sensorless drive technology (FOC) can completely realize zero maintenance of motor system. The man-machine interface with LCD display is easy to operate. The pump with compact size and convenient installation, and it is equipped with industrial pressure sensor, stainless steel five way and stainless steel oil injection pressure guage. System integrated check valve structure.

Stainless steel

Flow rate up to 116.67 L/min (7 m³/h)

Head up to 60 m

Applications

Household single pump constant pressure control.
Small and medium sized high precision intelligent control water supply system.
Industrial and civil water supply system.

Construction

Pump body: Stainless steel.
Impeller: Stainless steel.
Motor shaft: 304 welded shaft.
Mechanical seal: Silicon carbide graphite.
Protection: IP 54.

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	3	4	5	6	6.5
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	17	33	50	67	83	100	108
GPL2-4	1	1.35	60	5.6	1"x1"	9.4	H(m)	60	57	51	41	31	22	/	/
GPL4-4	1.2	1.6	60	7	1.25"x1"	9.4		60	55	47	40	34	27	19	14

CB-CDL(F) PRESSURE BOOSTER SYSTEM

Features and advantages

CB-CDL series variable frequency water pump has the characteristics of universal applicability and flexible customization, which can meet the actual needs of users to match different pump specifications and parameters, and provide a wealth of optional configurations and solutions to meet users' one-stop purchasing requirements. The pump can realize automatic start and stop, constant pressure, water shortage alarm and other functions, and users can adjust it according to actual needs.

Flow rate up to 4000L/min (240m³/h)

Head up to 242 m

Application Limits

Liquid temperature: 0℃~ + 40℃
Maximum system pressure 16 bar
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids.
It is suitable for small pressurized occasions such as rural areas, hotels, villas, and hot water projects, or occasions such as temporary water supply at construction sites, temporary fire protection, and small irrigation.

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	6.7	10	13.3	16.7	20	23.3	26.7	30	33.3	36.7
CB-CDL(F)1-2	0.37	0.5	12	2.4	2850	DN32	12		12	11.8	11.5	11	11	10.5	9.8	9.2	8.5	7.8
CB-CDL(F)1-3	0.37	0.5	17.5	2.4	2850	DN32	12		17.5	17	16.8	16.5	16	16.5	14	13.5	12	10.5
CB-CDL(F)1-4	0.37	0.5	23.5	2.4	2850	DN32	12		23.5	23	22.5	22	21	20.5	18.5	18	16.5	14
CB-CDL(F)1-5	0.37	0.5	29	2.4	2850	DN32	12		29	28.5	28	27.5	26.5	26	24	23	20.5	17.5
CB-CDL(F)1-6	0.37	0.5	35	2.4	2850	DN32	12		35	34.5	34	33	32	31	28	27	25	22
CB-CDL(F)1-7	0.37	0.5	41	2.4	2850	DN32	12		41	40	39	38.5	37	35	33	32	29	25
CB-CDL(F)1-8	0.55	0.7	46.5	2.4	2850	DN32	12		46.5	46	45.5	44	42	40	38	36	33	29
CB-CDL(F)1-9	0.55	0.7	52	2.4	2850	DN32	12		52	51.5	51	49.5	47.5	46	44	41	37	34
CB-CDL(F)1-10	0.55	0.7	58	2.4	2850	DN32	12		58	57.5	57	56	54	52	48	46	41.5	37
CB-CDL(F)1-11	0.55	0.7	66	2.4	2850	DN32	12		65	63	62.5	61	59	56	54	50	46	40
CB-CDL(F)1-12	0.75	1	72	2.4	2850	DN32	12	H(m)	70	69	68	66	64	62	58	55	49	43
CB-CDL(F)1-13	0.75	1	78	2.4	2850	DN32	12		75	74.5	74	72	69	66	63	59	54	47
CB-CDL(F)1-15	0.75	1	89	2.4	2850	DN32	12		87	86	85	84	80.5	77	72	68	62	53
CB-CDL(F)1-17	1.1	1.5	101	2.4	2850	DN32	12		99	97.5	97	95	91	87	81.5	77	69	59
CB-CDL(F)1-19	1.1	1.5	113	2.4	2850	DN32	12		110.5	109	108	106	101	97	91	86	78	66
CB-CDL(F)1-21	1.1	1.5	124	2.4	2850	DN32	12		122	120.5	119.5	116	112	108	101	95	86	73
CB-CDL(F)1-23	1.1	1.5	138	2.4	2850	DN32	12		135	132.5	130	126	122	117	111	104	94	80
CB-CDL(F)1-25	1.5	2	152	2.4	2850	DN32	12		147	144	141	138	133	128	121	114	103	87
CB-CDL(F)1-27	1.5	2	163	2.4	2850	DN32	12		158	156	154	150	144	138	130	121	112	96
CB-CDL(F)1-30	1.5	2	182	2.4	2850	DN32	12		175	173	171	166	160	154	145	136	124	108
CB-CDL(F)1-33	2.2	3	198	2.4	2850	DN32	12		193	191	188	183	176	170	160	150	136	120
CB-CDL(F)1-36	2.2	3	217	2.4	2850	DN32	12		212	209	205	200	192	184	174	164	150	133

CB-CDL(F) PRESSURE BOOSTER SYSTEM

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	1	1.2	1.6	2	2.4	2.8	3.2	3.5
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	16.7	20	26.7	33.3	40	46.7	53.3	58.3
CB-CDL(F)2-2	0.37	0.6	18	3.5	2850	DN32	12		16	15.5	14.5	14	12.5	11	9.5	8
CB-CDL(F)2-3	0.37	0.6	25	3.5	2850	DN32	12		23	22.5	21	20	18.5	16	14	12
CB-CDL(F)2-4	0.55	0.8	35	3.5	2850	DN32	12		32	31	30	28	26	23	20	16
CB-CDL(F)2-5	0.55	0.8	45	3.5	2850	DN32	12		42.5	42	40	37	34.5	30	25	20
CB-CDL(F)2-6	0.75	1	53	3.5	2850	DN32	12		51	50	47	44	41	36	30	24
CB-CDL(F)2-7	0.75	1	61	3.5	2850	DN32	12	H(m)	59	57	55	52	47	41	35	28
CB-CDL(F)2-9	1.1	1.5	79	3.5	2850	DN32	12		72	71	67	63	58	51	44	36
CB-CDL(F)2-11	1.1	1.5	97	3.5	2850	DN32	12		87	85	80	74	67	59	50	42
CB-CDL(F)2-13	1.5	2	117	3.5	2850	DN32	12		106	104	99	90	81	71	60	51
CCB-DL(F)2-15	1.5	2	132	3.5	2850	DN32	12		121	119	112	105	96	85	72	61
CB-CDL(F)2-18	2.2	3	158	3.5	2850	DN32	12		143	139	133	125	116	105	91	78
CB-CDL(F)2-22	2.2	3	190	3.5	2850	DN32	12		173	169	162	152	140	126	110	95
CB-CDL(F)2-26	3	4	220	3.5	2850	DN32	12		206	201	191	180	170	155	133	118

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	1.2	1.6	2	2.4	2.8	3	3.2	3.4	3.6	4
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	20	26.7	33.3	40	46.7	50	53.3	56.7	60	66.7
CB-CDL(F)3-2	0.37	0.5	13	4.4	2850	DN32	12		12	11.3	10.5	10	9	8.5	8	7.5	7	6
CB-CDL(F)3-3	0.37	0.5	20	4.4	2850	DN32	12		18	17	16	15	14	13	12	11	10	8
CB-CDL(F)3-4	0.37	0.5	25	4.4	2850	DN32	12		24	23	21.5	20	18.5	17.5	16.5	15	13.5	11
CB-CDL(F)3-5	0.37	0.5	32	4.4	2850	DN32	12		30	28.5	27	25	23	22	20.5	19	17.5	14
CB-CDL(F)3-6	0.55	0.7	38	4.4	2850	DN32	12		36	34	32	30	28	26	24	22	20	16.5
CB-CDL(F)3-7	0.55	0.7	44	4.4	2850	DN32	12		42	40.5	39	36	33	30.5	28.5	26	24	19.5
CB-CDL(F)3-8	0.75	1	51	4.4	2850	DN32	12		48	46	44	41	37	35	32.5	30	27	22.5
CB-CDL(F)3-9	0.75	1	58	4.4	2850	DN32	12		53	51	49	46	41.5	39	37	34	32	26
CB-CDL(F)3-10	0.75	1	63	4.4	2850	DN32	12		59	57	55	51	46	43	41	37	34	28
CB-CDL(F)3-11	1.1	1.5	70	4.4	2850	DN32	12		65	62.5	60	56	51	48	45	42	38	30.5
CB-CDL(F)3-12	1.1	1.5	76	4.4	2850	DN32	12		71	68	66	61	55	52	49	45.5	42	34
CB-CDL(F)3-13	1.1	1.5	82	4.4	2850	DN32	12	H(m)	77	74	71	66	60	57	53	50	46	37
CB-CDL(F)3-15	1.1	1.5	94	4.4	2850	DN32	12		88	85	82	77	72	68.5	64	60	55	44
CB-CDL(F)3-17	1.5	2	107	4.4	2850	DN32	12		100	97	92	88	83	79	74	69	64	52
CB-CDL(F)3-19	1.5	2	118	4.4	2850	DN32	12		112	108	104	98	94	88	83	77	71	58
CB-CDL(F)3-21	2.2	3	128	4.4	2850	DN32	12		123	119	115	108	102	97	92	86	79	65
CB-CDL(F)3-23	2.2	3	142	4.4	2850	DN32	12		134	130	125	119	110	105	100	94	86	72
CB-CDL(F)3-25	2.2	3	152	4.4	2850	DN32	12		146	141	135	128	118	113	108	102	94	79
CB-CDL(F)3-27	2.2	3	166	4.4	2850	DN32	12		158	152	146	138	129	126	117	110	103	86
CB-CDL(F)3-29	2.2	3	178	4.4	2850	DN32	12		169	163	156	147	137	132	125	118	111	93
CB-CDL(F)3-31	3	4	190	4.4	2850	DN32	12		180	174	167	157	147	141	134	126	118	100
CB-CDL(F)3-33	3	4	202	4.4	2850	DN32	12		191	186	178	168	157	150	143	135	127	108
CB-CDL(F)3-36	3	4	220	4.4	2850	DN32	12		209	203	194	184	173	166	159	151	143	122

FREQUENCY CONVERTER PUMP

CB-CDL(F) PRESSURE BOOSTER SYSTEM

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	1	2	3	4	4.5	5	5.5	6
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	16.7	33.3	50	66.7	75	83.3	91.7	100
CB-CDL(F)4-2	0.37	0.6	22	6	2850	DN32	12		21	20	18	16	15	14	13	12
CB-CDL(F)4-3	0.55	0.8	32	6	2850	DN32	12		31	29.5	28	24	22	21	19	18
CB-CDL(F)4-4	0.75	1	42	6	2850	DN32	12		40	38	35	31	29	27	24	22
CB-CDL(F)4-5	1.1	1.5	52	6	2850	DN32	12		50	48	44	40	38	34	30	26
CB-CDL(F)4-6	1.1	1.5	61	6	2850	DN32	12		59	57	53	49	45	41	36	30
CB-CDL(F)4-7	1.5	2	72	6	2850	DN32	12		71	69	65	59	55	50	43	36
CB-CDL(F)4-8	1.5	2	81	6	2850	DN32	12	H(m)	76	74	71	65	60	56	51	42
CB-CDL(F)4-10	2.2	3	101	6	2850	DN32	12		95	93	90	84	78	72	65	58
CB-CDL(F)4-12	2.2	3	120	6	2850	DN32	12		115	110	105	98	91	84	76	68
CB-CDL(F)4-14	3	4	141	6	2850	DN32	12		139	134	128	118	111	102	90	79
CB-CDL(F)4-16	3	4	162	6	2850	DN32	12		158	153	145	134	126	116	103	89
CB-CDL(F)4-18	4	5.5	180	6	2850	DN32	12		176	173	164	148	135	118	108	94
CB-CDL(F)4-19	4	5.5	191	6	2850	DN32	12		186	180	170	155	145	133	117	98
CB-CDL(F)4-22	4	5.5	220	6	2850	DN32	12		216	208	197	182	172	159	143	126

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	2	3	4	4.5	5	5.5	6	6.5	7	7.5	8
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	33.3	50	66.7	75	83.3	91.7	100	108.3	116.7	125	133.3
CB-CDL(F)5-2	0.37	0.5	14	8	2850	DN32	12		14	13	12	11.5	11	10	9	8	7.5	6.5	6
CB-CDL(F)5-3	0.55	0.7	19	8	2850	DN32	12		19	18	16.5	15.5	15	14	13	12	11	9	8
CB-CDL(F)5-4	0.55	0.7	24.5	8	2850	DN32	12		24.5	23	22.5	21	20	18.5	17	15.5	14	12.5	11
CB-CDL(F)5-5	0.75	1	30.5	8	2850	DN32	12		30.5	29	27	26	24.5	23	21.5	20	17.5	16	14
CB-CDL(F)5-6	1.1	1.5	37	8	2850	DN32	12		37	35	33	31.5	30	28	26	24	22	20	18
CB-CDL(F)5-7	1.1	1.5	43	8	2850	DN32	12		43	41	39	37	35	33	31	28	26	24	21
CB-CDL(F)5-8	1.1	1.5	49	8	2850	DN32	12		49	47	44	42	40	38	36	32	30	27	24
CB-CDL(F)5-9	1.5	2	56	8	2850	DN32	12		56	53	50	47.5	45	42.5	40	37	33.5	30.5	27
CB-CDL(F)5-10	1.5	2	62	8	2850	DN32	12		62	59	55	53	50	47	44	41	37	34	30
CB-CDL(F)5-11	2.2	3	68.5	8	2850	DN32	12		68.5	65.5	61.5	59	56	52	49	45	41	37	33
CB-CDL(F)5-12	2.2	3	75	8	2850	DN32	12		75	72.5	68	65	62	58	54	49	45	40.5	36
CB-CDL(F)5-13	2.2	3	81.5	8	2850	DN32	12	H(m)	81.5	79	74	71	68	64	59.5	54	49	44	39
CB-CDL(F)5-14	2.2	3	89	8	2850	DN32	12		89	85	81	77	74	69	65	59	54	48	42
CB-CDL(F)5-15	2.2	3	96	8	2850	DN32	12		96	93	88	84	80	75	70	64	59	52	45
CB-CDL(F)5-16	2.2	3	103	8	2850	DN32	12		103	100	94	90	85	80	75	69	63	56	48
CB-CDL(F)5-18	3	4	115	8	2850	DN32	12		115	110	104	100	96	90	85	78	71	63	54
CB-CDL(F)5-20	3	4	129	8	2850	DN32	12		129	122	115	109	105	99	94	86	78	70	60
CB-CDL(F)5-22	4	5.5	139	8	2850	DN32	12		139	134	126	121	116	110	103	95	87	77	66
CB-CDL(F)5-24	4	5.5	152	8	2850	DN32	12		152	146	138	133	127	120	113	105	96	84	72
CB-CDL(F)5-26	4	5.5	164	8	2850	DN32	12		164	158	150	144	138	131	122	114	104	91	78
CB-CDL(F)5-29	4	5.5	185	8	2850	DN32	12		185	177	168	164	157	150	141	132	119	103	87
CB-CDL(F)5-32	5.5	7.5	205	8	2850	DN32	12		205	197	189	183	176	166	158	147	134	114	96
CB-CDL(F)5-36	5.5	7.5	230	8	2850	DN32	12		230	222	212	205	198	188	177	166	154	133	108

FREQUENCY CONVERTER PUMP

CB-CDL(F) PRESSURE BOOSTER SYSTEM

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	2	4	6	8	10	12	14
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	33.3	66.7	100	133.3	166.7	200	233.3
CB-CDL(F)10-2	0.75	1	23	14	2850	DN42	15		23	22	20	18	16	13	10
CB-CDL(F)10-3	1.1	1.5	33	14	2850	DN42	15		33	32	31	28	25	21	16
CB-CDL(F)10-4	1.5	2	43	14	2850	DN42	15		43	42	40	37	32	27	20
CB-CDL(F)10-5	2.2	3	53	14	2850	DN42	15		53	51	48	44	39	32	24
CB-CDL(F)10-6	2.2	3	63	14	2850	DN42	15		62	61	58	53	46	38	28
CB-CDL(F)10-7	3	4	74	14	2850	DN42	15		73	72	67	61	54	43	32
CB-CDL(F)10-8	3	4	84	14	2850	DN42	15		83	81	78	71	62	51	37
CB-CDL(F)10-9	3	4	94	14	2850	DN42	15	H(m)	93	91	87	81	71	59	42
CB-CDL(F)10-10	4	5.5	104	14	2850	DN42	15		104	101	98	91	81	67	47
CB-CDL(F)10-12	4	5.5	124	14	2850	DN42	15		123	121	117	108	95	78	55
CB-CDL(F)10-14	5.5	7.5	144	14	2850	DN42	15		143	141	136	124	110	90	63
CB-CDL(F)10-16	5.5	7.5	165	14	2850	DN42	15		163	161	154	143	125	102	71
CB-CDL(F)10-18	7.5	10	185	14	2850	DN42	15		183	179	173	161	144	118	82
CB-CDL(F)10-20	7.5	10	206	14	2850	DN42	15		202	198	191	180	160	133	93
CB-CDL(F)10-22	7.5	10	226	14	2850	DN42	15		222	217	209	198	178	149	106

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	8	10	12	14	15	16	18	20	22	24
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	133	166	200	233	250	266	300	333	366	400
CB-CDL(F)16-1	1.1	1.5	15	24	2850	DN65	15		14	13	12	11.5	11	10.5	10	9	8	7
CB-CDL(F)16-2	2.2	3	29	24	2850	DN65	15		26	25	24	23	22	21	20	18	16	14
CB-CDL(F)16-3	3	4	43	24	2850	DN65	15		39	38	37	34	33	31	29	27	24	20
CB-CDL(F)16-4	4	5.5	58	24	2850	DN65	15		52	50	48	46	44	43	40	36	31	26
CB-CDL(F)16-5	4	5.5	71	24	2850	DN65	15		66	64	61	58	56	54	50	45	39	33
CB-CDL(F)16-6	5.5	7.5	85	24	2850	DN65	15		80	78	75	70	67	65	60	54	47	41
CB-CDL(F)16-7	5.5	7.5	98	24	2850	DN65	15		94	92	88	83	80	78	71	64	56	50
CB-CDL(F)16-8	7.5	10	112	24	2850	DN65	15	H(m)	108	105	101	96	93	90	83	75	66	57
CB-CDL(F)16-9	7.5	10	126	24	2850	DN65	15		122	119	115	109	106	103	95	87	77	66
CB-CDL(F)16-10	11	15	141	24	2850	DN65	15		136	133	128	123	120	116	107	98	86	76
CB-CDL(F)16-12	11	15	168	24	2850	DN65	15		158	155	150	144	140	135	126	116	102	89
CB-CDL(F)16-14	11	15	196	24	2850	DN65	15		183	178	172	165	162	156	145	133	118	103
CB-CDL(F)16-16	15	20	224	24	2850	DN65	15		210	204	197	190	185	179	168	153	137	118
CB-CDL(F)16-17	15	20	236	24	2850	DN65	15		224	218	212	203	198	193	181	166	151	129

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	8	10	12	14	16	18	20	24	26	28
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	133	166	200	233	266	300	333	400	433	466
CB-CDL(F)20-1	1.1	1.5	15	28	2850	DN65	24		14	13.5	13	12.5	12	11.5	10.5	9	8	7
CB-CDL(F)20-2	2.2	3	28	28	2850	DN65	24		28	27	26	25	24	22.5	21	18	16	14
CB-CDL(F)20-3	4	5.5	42	28	2850	DN65	24		41	40	39	38	36	34	32	27	24	21
CB-CDL(F)20-4	5.5	7.5	58	28	2850	DN65	24		54	53	52	51	50	46	43	36	32	27
CB-CDL(F)20-5	5.5	7.5	71	28	2850	DN65	24		68	67	65	63	61	58	55	45	40	33
CB-CDL(F)20-6	7.5	10	84	28	2850	DN65	24		82	80	78	77	73	70	66	55	48	40
CB-CDL(F)20-7	7.5	10	100	28	2850	DN65	24	H(m)	96	94	92	89	86	82	77	65	58	47
CB-CDL(F)20-8	11	15	114	28	2850	DN65	24		110	107	104	102	99	95	89	76	67	56
CB-CDL(F)20-10	11	15	142	28	2850	DN65	24		137	135	132	127	124	118	112	98	86	73
CB-CDL(F)20-12	15	20	170	28	2850	DN65	24		164	162	158	154	149	142	136	118	106	90
CB-CDL(F)20-14	15	20	198	28	2850	DN65	24		191	189	186	181	176	169	161	140	126	110
CB-CDL(F)20-16	18.5	25	226	28	2850	DN65	24		219	217	214	208	203	198	186	164	147	129
CB-CDL(F)20-17	18.5	25	242	28	2850	DN65	24		234	231	228	223	217	210	202	178	162	142

CB-CDL(F) PRESSURE BOOSTER SYSTEM

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	12	16	20	24	28	30	32	36	40
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	200	266	333	400	466	500	533	600	666
CB-CDL(F)32-10-1	1.5	2	18	40	2850	DN75	24		14.5	14	13	12	11	10.5	10	9	7
CB-CDL(F)32-10	2.2	3	22	40	2850	DN75	24		19	18	16.5	15.5	14.5	14	13	11.5	9.5
CB-CDL(F)32-20-2	3	4	34	40	2850	DN75	24		30	28	26	24	22	21	19	16	14
CB-CDL(F)32-20	4	5.5	41	40	2850	DN75	24		36	34	32	30	27	26	24	21	17
CB-CDL(F)32-30-2	4	5.5	52	40	2850	DN75	24		48	45	42	39	36	34	32	27	21
CB-CDL(F)32-30	5.5	7.5	59	40	2850	DN75	24		54	52	49	46	42	39	37	31	25
CB-CDL(F)32-40-2T	7.5	10	71	40	2850	DN75	24		66	63	59	55	50	47	44	38	29
CB-CDL(F)32-40	7.5	10	78	40	2850	DN75	24		72	69	66	62	56	53	50	42	34
CB-CDL(F)32-50-2	11	15	89	40	2850	DN75	24		84	80	76	71	64	61	57	48	37
CB-CDL(F)32-50	11	15	98	40	2850	DN75	24		91	87	83	78	71	66	62	53	42
CB-CDL(F)32-60-2	11	15	108	40	2850	DN75	24	H(m)	101	97	92	87	79	75	70	59	47
CB-CDL(F)32-60	11	15	114	40	2850	DN75	24		109	105	101	95	87	83	77	65	52
CB-CDL(F)32-70-2	15	20	124	40	2850	DN75	24		119	115	110	105	96	90	84	71	57
CB-CDL(F)32-70	15	20	132	40	2850	DN75	24		127	123	118	112	103	97	91	78	61
CB-CDL(F)32-80-2	15	20	142	40	2850	DN75	24		136	132	127	120	110	104	97	82	66
CB-CDL(F)32-80	15	20	148	40	2850	DN75	24		143	139	134	126	117	111	104	88	70
CB-CDL(F)32-90-2	18.5	25	161	40	2850	DN75	24		153	149	144	137	126	119	112	95	75
CB-CDL(F)32-90	18.5	25	168	40	2850	DN75	24		161	157	152	145	134	126	119	102	80
CB-CDL(F)32-100-2	18.5	25	179	40	2850	DN75	24		172	168	162	154	143	135	127	108	84
CB-CDL(F)32-100	18.5	25	184	40	2850	DN75	24		179	174	169	162	149	142	134	114	88

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	25	30	35	40	45	50	55
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	416	500	583	666	750	833	916
CB-CDL(F)45-10-1	3	4	21	55	2850	DN80	24		20	19	18	17	15	13	11
CB-CDL(F)45-10	4	5.3	27	55	2850	DN80	24		24	23	22	21	19	18	16
CB-CDL(F)45-20-2	5.5	7.5	41	55	2850	DN80	24		40	38	36	33	30	27	23
CB-CDL(F)45-20	7.5	10	57	55	2850	DN80	24		48	46	44	42	39	35	31
CB-CDL(F)45-30-2	11	15	67	55	2850	DN80	24		63	61	58	54	50	44	38
CB-CDL(F)45-30	11	15	78	55	2850	DN80	24	H(m)	72	70	67	63	58	53	45
CB-CDL(F)45-40-2	15	20	92	55	2850	DN80	24		87	84	80	75	69	62	54
CB-CDL(F)45-40	15	20	103	55	2850	DN80	24		98	94	87	84	77	70	61
CB-CDL(F)45-50-2	18.5	25	119	55	2850	DN80	24		113	108	102	96	88	80	69
CB-CDL(F)45-50	18.5	25	129	55	2850	DN80	24		123	118	112	105	97	88	77

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	30	40	50	60	64	70	80
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	500	666	833	1000	1066	1166	1333
CB-CDL(F)64-10-1	4	5.5	21	80	2850	DN100	24		19	18	16	14	13	11.5	9
CB-CDL(F)64-10	5.5	7.5	29	80	2850	DN100	24		27	25	23	20	19	17	14
CB-CDL(F)64-20-2	7.5	10	42	80	2850	DN100	24		37	35	32	28	26	23	17
CB-CDL(F)64-20-1	11	15	52	80	2850	DN100	24		47	44	40	36	34	30	24
CB-CDL(F)64-20	11	15	62	80	2850	DN100	24	H(m)	55	51	47	42	40	37	30
CB-CDL(F)64-30-2	15	20	70	80	2850	DN100	24		66	62	56	50	46	41	32
CB-CDL(F)64-30-1	15	20	80	80	2850	DN100	24		73	69	63	56	53	48	39
CB-CDL(F)64-30	18.5	25	96	80	2850	DN100	24		81	76	70	64	60	55	46
CB-CDL(F)64-40-2	18.5	25	100	80	2850	DN100	24		92	87	80	71	66	60	49

CB-CDL(F) PRESSURE BOOSTER SYSTEM

*: With "F"means the water inlet and outlet section material is stainless steel, without "F" is iron.

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	50	60	70	80	85	90	100	110
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	833	1000	1166	1333	1416	1500	1666	1833
CB-CDL(F)90-10-1	5.5	7.5	27	110	2850	DN100	24	H(m)	22	20	18	16	15	13	10	6
CB-CDL(F)90-10	7.5	10	35	110	2850	DN100	24		30	27	25	23	21	19	15	11
CB-CDL(F)90-20-2	11	15	48	110	2850	DN100	24		41	39	36	32	30	28	22	15
CB-CDL(F)90-20	15	20	66	110	2850	DN100	24		56	53	49	45	43	40	35	30
CB-CDL(F)90-30-2	18.5	25	80	110	2850	DN100	24		68	65	60	55	52	49	41	33

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	60	70	80	90	100	110	120	130	140	150
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	1000	1166	1333	1500	1666	1833	2000	2166	2333	2500
CB-CDL(F)120-10	11	15	22	150	2850	DN125	24	H(m)	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
CB-CDL(F)120-20-2	15	20	36	150	2850	DN125	24		34	33.6	33	31	30.2	30	28.5	27	25	24
CB-CDL(F)120-20-1	18.5	25	43	150	2850	DN125	24		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	80	90	100	110	120	130	140	150	160	170	180
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	1333	1500	1666	1833	2000	2166	2333	2500	2666	2833	3000
CB-CDL(F)150-10-1	11	15	21	180	2850	DN125	24	H(m)	18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
CB-CDL(F)150-10	15	20	25	180	2850	DN125	24		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
CB-CDL(F)150-20-2	18.5	25	40	180	2850	DN125	24		37	35.5	34	33	32	31	29	27.5	26	23	21

Model	Power		Max.head	Max.flow	Speed	Pipe connecion	Tank	Q (m³/h)	100	120	140	160	180	200	220	240
Three-phase	kW	HP	m	m³/h	rpm		L	Q (L/min)	1666	2000	2333	2666	3000	3333	3666	4000
CB-CDL(F)200-10-B	18.5	25	28	240	2850	DN150	24	H(m)	25.5	25	24	23	21.5	20	18	15.5

CB-GTD PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

The variable frequency pipeline pump consists of a pipeline pump, frequency converter, stainless steel five-way pipe, check valve, sensor, pressure gauge and pressure tank. It is an efficient and reliable frequency conversion combination product. It can realize the functions of automatic start/stop, constant pressure operation, water shortage protection and waterless protection.

Max.Head
83.1 m

Pump Designs
Booster set.

Application Limits

Liquid temperature: 0℃ ~ + 90℃
Maximum system pressure 16 bar
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids.
It is suitable for small pressurized occasions such as rural areas, hotels, villas, and hot water projects, or occasions such as temporary water supply at construction sites, temporary fire protection, and small irrigation.

FREQUENCY CONVERTER PUMP

CB-GTD PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	2	4	6	8	10	12.5	14	16
	kW	m³/h	m	rpm		Q (L/min)	0	33	67	100	133	167	208	233	267
CB-GTD32-18-11/2	1.1	8	18	2900	DN32	H(m)	19.5	19.4	19.1	18.7	17.9	16.7	14.3		
CB-GTD32-21-15/2	1.5	12.5	21	2900	DN32		24.7	24.4	24.1	23.8	23.4	22.6	20.9	19.4	16.6
CB-GTD32-25-22/2	2.2	12.5	25	2900	DN32		28.4	28.3	28.2	27.9	27.5	26.7	24.9	23.4	20.9
CB-GTD32-32-30/2	3	12.5	32	2900	DN32		34.6	34.2	34	33.8	33.6	33	31.8	30.6	28.3
CB-GTD32-38-40/2	4	12.5	38	2900	DN32		40	39.9	39.8	39.6	39.3	38.8	37.8	36.8	35.2
CB-GTD32-50-55/2	5.5	12.5	50	2900	DN32		51.8	51.7	51.5	51.3	51	50.6	49.9	49.2	48.1

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	4	8	12.5	16	20	25	28	32
	kW	m³/h	m	rpm		Q (L/min)	0	67	133	208	267	333	417	467	533
CB-GTD40-16-11/2	1.1	12.5	16	2900	DN40	H(m)	18.5	18	18.5	15.9	12.8				
CB-GTD40-20-15/2	1.5	12.5	20	2900	DN40		21.7	21.5	21.2	19.9	17.5				
CB-GTD40-18-22/2	2.2	20	18	2900	DN40		20	19.9	19.8	19.5	19	18	15.8		
CB-GTD40-25-30/2	3	20	25	2900	DN40		27.9	27.8	27.5	27	26.3	25.1	23		
CB-GTD40-30-40/2	4	25	30	2900	DN40		34	33.8	33.6	33.2	32.6	31.7	30	28.6	26.2
CB-GTD40-36-55/2	5.5	25	36	2900	DN40		39.3	39	38.8	38.5	38.2	37.5	36.1	35	32.6
CB-GTD40-48-75/2	7.5	25	48	2900	DN40		50	49.7	49.6	49.6	49.5	49.1	47.9	46.7	44.4

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	2.5	5	7.5	10	12.5	15	17.5	20
	kW	m³/h	m	rpm		Q (L/min)	0	42	83	125	167	208	250	292	333
CB-GTD50-32-30/2	3	12.5	32	2900	DN50	H(m)	35	34.7	34.4	34.1	33.4	32.1	30.2	27.3	23.3
CB-GTD50-38-40/2	4	12.5	38	2900	DN50		42.1	41.8	41.2	40.5	39.4	38	36.1	33.6	30.5
CB-GTD50-48-55/2	5.5	12.5	48	2900	DN50		51	50.3	50	49.8	49.5	48.8	47.4	45.1	41.4
CB-GTD50-58-75/2	7.5	12.5	58	2900	DN50		61.3	60.9	60.6	60.1	59.3	57.9	55.6	52.3	47.6
CB-GTD50-80-110/2	11	12.5	80	2900	DN50		83.1	82.9	82.6	82	81.2	80	78.4	76	73

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	10	16	20	25	30	35	40	45	50	60
	kW	m³/h	m	rpm		Q (L/min)	0	167	267	333	417	500	583	667	750	833	1000
CB-GTD50-12-11/2	1.1	16	12	2900	DN50	H(m)	15.6	14.2	12.3	10.8							
CB-GTD50-15-15/2	1.5	20	15	2900	DN50		19	18	16.5	15	12.6						
CB-GTD50-18-22/2	2.2	25	18	2900	DN50		23.1	22.2	21.1	19.9	17.8	15					
CB-GTD50-24-30/2	3	25	24	2900	DN50		26.1	25.9	25.5	25	23.9	22.2					
CB-GTD50-28-40/2	4	30	28	2900	DN50		31.7	31.3	31	30.5	29.5	27.9	25.6				
CB-GTD50-35-55/2	5.5	30	35	2900	DN50		36.9	36.5	36.4	36.3	35.8	34.9	33.5	31.4			
CB-GTD50-40-75/2	7.5	35	40	2900	DN50		42.7	42	41.9	41.8	41.5	40.9	39.8	37.9	35.2		
CB-GTD50-50-110/2	11	40	50	2900	DN50		53.6	53.2	53.1	52.9	52.6	52	51.1	49.9	48.2	45.8	
CB-GTD50-60-150/2	15	50	60	2900	DN50		65.8	65.6	65.7	65.5	65.2	64.7	64	62.9	61.6	60	55.2
CB-GTD50-70-185/2	18.5	50	70	2900	DN50		74	73.4	73.3	73.2	73.1	73	72.7	72	71.1	69.7	65.4

FREQUENCY CONVERTER PUMP

CB-GTD PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	5	10	15	20	25	30	35
	kW	m³/h	m	rpm		Q (L/min)	0	83	167	250	333	417	500	583
CB-GTD65-36-55/2	5.5	25	36	2900	DN65	H(m)	38.9	38.2	38.2	38.3	37.8	35.8	31.8	25.2
CB-GTD65-48-75/2	7.5	25	48	2900	DN65		50.3	50.4	50.3	49.9	49.1	47.7	45.7	42.9

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	10	20	30	40	50	60	70
	kW	m³/h	m	rpm		Q (L/min)	0	167	333	500	667	833	1000	1167
CB-GTD65-15-22/2	2.2	30	15	2900	DN65		18.5	17.9	17.1	15	10.7			
CB-GTD65-19-30/2	3	30	19	2900	DN65		21.9	21.5	20.8	19	15.2			
CB-GTD65-22-40/2	4	40	22	2900	DN65		25.4	25	24.8	24	21.8	17.5		
CB-GTD65-30-55/2	5.5	40	30	2900	DN65	H(m)	33.2	32.5	32.2	31.6	29.8	26.2		
CB-GTD65-34-75/2	7.5	50	34	2900	DN65		38.8	38.5	38.3	37.7	36.4	33.8	29.6	
CB-GTD65-40-110/2	11	50	40	2900	DN65		43.8	43.3	42.9	42.4	41.5	40	37.6	
CB-GTD65-50-150/2	15	50	50	2900	DN65		53.7	53.6	53.3	52.7	51.6	49.9	47.3	
CB-GTD65-61-185/2	18.5	50	61	2900	DN65		63.1	63	63	63.1	62.4	61	58.6	54.7

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	10	20	30	40	50	60	70	80	90
	kW	m³/h	m	rpm		Q (L/min)	0	167	333	500	667	833	1000	1167	1333	1500
CB-GTD80-13-30/2	3	50	13	2900	DN80		16.5	16.1	15.8	15.2	14.3	12.9	10.9			
CB-GTD80-18-40/2	4	50	18	2900	DN80		21.3	21.1	20.7	20.2	19.3	18	16	13.3		
CB-GTD80-22-55/2	5.5	50	22	2900	DN80		24.6	24.4	24.2	23.8	23.1	21.9	20.3	18	14.9	
CB-GTD80-28-75/2	7.5	50	28	2900	DN80	H(m)	30.8	30.6	30.4	30	29.2	28.1	26.3	23.8	20.6	
CB-GTD80-30-110/2	11	80	30	2900	DN80		35.1	34.9	34.7	34.4	34	33.5	32.7	31.6	30.2	28.4
CB-GTD80-38-150/2	15	80	38	2900	DN80		41.2	41.1	41.1	41	41	40.7	40.2	39.2	37.8	35.9
CB-GTD80-40-110/2	11	50	40	2900	DN80		42.8	42.7	42.8	42.7	41.8	39.9	36.5			
CB-GTD80-47-185/2	18.5	80	47	2900	DN80		50.7	50.3	50.2	50.1	50	49.7	49.2	48.2	46.8	44.8
CB-GTD80-48-150/2	15	50	48	2900	DN80		50.7	50.4	50.4	50.2	49.6	47.9	44.8	40.2		

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	20	30	40	50	60	70	80	90	100	110	120
	kW	m³/h	m	rpm		Q (L/min)	0	333	500	667	833	1000	1167	1333	1500	1667	1833	2000
CB-GTD100-9-24/2	2.4	50	9	2900	DN100		14.3	13.3	12.1	10.7	9	7.2	5.4					
CB-GTD100-15-40/2	4	60	15	2900	DN100		18.8	18.2	17.7	17.1	16.2	15	13.3	11.1				
CB-GTD100-17-55/2	5.5	80	17	2900	DN100		21.9	21.3	21	20.6	20	19.2	18.1	16.7	15	12.8	10.2	
CB-GTD100-22-75/2	7.5	80	22	2900	DN100		26.9	26.6	26.3	25.9	25.3	24.5	23.3	22	20.3	18.2	15.7	
CB-GTD100-25-110/2	11	100	25	2900	DN100	H(m)	29.4	29	28.8	28.6	28.4	28.1	27.6	27	26.1	25	23.6	21.9
CB-GTD100-27-110/2	11	100	27	2900	DN100		31.8	31.2	31.1	30.9	30.7	30.3	29.9	29.2	28.2	27	25.4	23.4
CB-GTD100-32-150/2	15	100	32	2900	DN100		36.3	35.9	35.7	35.5	35.1	34.7	34.2	33.6	32.9	32	30.7	29.2
CB-GTD100-33-150/2	15	100	33	2900	DN100		37.9	37	36.7	36.4	36.1	35.7	35.3	34.7	34	33	31.8	30.2
CB-GTD100-40-185/2	18.5	100	40	2900	DN100		43.5	43.1	43	42.9	42.7	42.5	42.1	41.6	40.9	40	38.8	37.

FREQUENCY CONVERTER PUMP

CB-GTD PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	40	60	80	100	120	140	160	180	200
	kW	m³/h	m	rpm		Q (L/min)	0	667	1000	1333	1667	2000	2333	2667	3000	3333
CB-GTD125-11-55/4	5.5	120	11	2900	DN125		13	12.9	12.7	12.4	11.8	11	9.8	8.2		
CB-GTD125-14-75/4	7.5	120	14	2900	DN125		16.3	16.1	15.9	15.5	14.9	14	12.8	11.2		
CB-GTD125-18-110/4	11	160	18	2900	DN125	H(m)	22	21.5	21.3	21	20.6	20	19.1	17.9	16.3	14.2
CB-GTD125-20-110/4	11	120	20	2900	DN125		23	22.6	22.4	22.2	21.8	20.9	20	18.5		
CB-GTD125-22-150/4	15	160	22	2900	DN125		26.9	26.7	26.5	26.2	25.7	25	23.7	22	19.7	16.8
CB-GTD125-28-185/4	18.5	160	28	2900	DN125		31.3	30.7	30.8	30.8	30.7	30.2	29.3	27.8	25.5	22.4

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	80	100	120	140	160	180	200	220	240
	kW	m³/h	m	rpm		Q (L/min)	0	1333	1667	2000	2333	2667	3000	3333	3667	4000
CB-GTD150-12.5-110/4	11	200	12.5	2900	DN150		14.8	14.6	14.6	14.5	14.3	13.9	13.3	12.3	11	9.4
CB-GTD150-15-110/4	11	200	15	2900	DN150		18.8	18.7	18.6	18.5	18.1	17.5	16.7	15	12.5	9.1
CB-GTD150-17-150/4	15	200	17	2900	DN150	H(m)	19	18.8	18.7	18.6	18.5	18.2	17.7	17	16.1	15
CB-GTD150-18-150/4	15	200	18	2900	DN150		21	20.5	20.3	20.2	19.9	19.5	19	18	16.4	13.3
CB-GTD150-20-185/4	18.5	220	20	2900	DN150		21.2	21.3	21.3	21.1	21	20.9	20.6	20	18.8	17
CB-GTD150-21-185/4	18.5	200	21	2900	DN150		23.7	23.1	23	22.9	22.7	22.3	21.7	20.8	19.6	18.1

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	0	120	150	180	210	240	270	300	330	360
	kW	m³/h	m	rpm		Q (L/min)	0	2000	2500	3000	3500	4000	4500	5000	5500	6000
CB-GTD200-15-185/4	18.5	300	15	2900	DN200	H(m)	18.2	17.8	17.6	17.3	16.9	16.4	15.7	15	14	12.9

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

Advanced and energy efficient pressure boosting system for boosting of clean water. Available with 2-6 parallel connected pumps, integrated advanced controller and all necessary. The booster system with frequency- controlled pumps. The frequency converter of this series of pump set is a back- to- back type. The sets are maintain a constant pressure through continuous adjustment of the speed of the pumps. The system performance is adapted to the demand through cutting in/ out the required number of pumps and through parallel control of the pumps in operation.

Max.Head
133 m

Pump Designs
Booster set.

Application Limits

Liquid temperature: 0℃ ~ + 60℃
Maximum system pressure 16 bar
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids. Water supply: Pressure boosting in industrial applications, blocks of flats, hotels, communities, water treatment plants, campsites, schools, hospitals, barracks, etc.
Irrigation: Playing fields in general (football, golf, etc), agriculture, artificial snow systems.

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section **CDLF** Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	6	8
	kW	m³/h	m	rpm		L	Q (L/min)	0	67	100	133
CBE-2-CDL(F)3-2	2×0.37	2×3	8.5	2850	2″	24		12.5	10.5	8.5	6
CBE-2-CDL(F)3-4	2×0.37	2×3	17.5	2850	2″	24		25.5	21.5	17.5	11
CBE-2-CDL(F)3-5	2×0.37	2×3	22	2850	2″	24		31.5	27	22	14
CBE-2-CDL(F)3-7	2×0.55	2×3	30.5	2850	2″	24		45	39	30.5	19.5
CBE-2-CDL(F)3-8	2×0.75	2×3	35	2850	2″	24	H(m)	51	44	35	22.5
CBE-2-CDL(F)3-10	2×0.75	2×3	43	2850	2″	24		62.5	55	43	28
CBE-2-CDL(F)3-11	2×1.1	2×3	48	2850	2″	24		70	60	48	30.5
CBE-2-CDL(F)3-15	2×1.1	2×3	68.5	2850	2″	24		93	82	68.5	44
CBE-2-CDL(F)3-19	2×1.5	2×3	88	2850	2″	24		118	104	88	58

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	9	12
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	150	200
CBE-3-CDL(F)3-2	3×0.37	3×3	8.5	2850	2″	24		12.5	10.5	8.5	6
CBE-3-CDL(F)3-4	3×0.37	3×3	17.5	2850	2″	24		25.5	21.5	17.5	11
CBE-3-CDL(F)3-5	3×0.37	3×3	22	2850	2″	24		31.5	27	22	14
CBE-3-CDL(F)3-7	3×0.55	3×3	30.5	2850	2″	24		45	39	30.5	19.5
CBE-3-CDL(F)3-8	3×0.75	3×3	35	2850	2″	24	H(m)	51	44	35	22.5
CBE-3-CDL(F)3-10	3×0.75	3×3	43	2850	2″	24		62.5	55	43	28
CBE-3-CDL(F)3-11	3×1.1	3×3	48	2850	2″	24		70	60	48	30.5
CBE-3-CDL(F)3-15	3×1.1	3×3	68.5	2850	2″	24		93	82	68.5	44
CBE-3-CDL(F)3-19	3×1.5	3×3	88	2850	2″	24		118	104	88	58

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	8	12	16
	kW	m³/h	m	rpm		L	Q (L/min)	0	133	200	267
CBE-4-CDL(F)3-2	4×0.37	4×3	8.5	2850	2 ½″	50		12.5	10.5	8.5	6
CBE-4-CDL(F)3-4	4×0.37	4×3	17.5	2850	2 ½″	50		25.5	21.5	17.5	11
CBE-4-CDL(F)3-5	4×0.37	4×3	22	2850	2 ½″	50		31.5	27	22	14
CBE-4-CDL(F)3-7	4×0.55	4×3	30.5	2850	2 ½″	50		45	39	30.5	19.5
CBE-4-CDL(F)3-8	4×0.75	4×3	35	2850	2 ½″	50	H(m)	51	44	35	22.5
CBE-4-CDL(F)3-10	4×0.75	4×3	43	2850	2 ½″	50		62.5	55	43	28
CBE-4-CDL(F)3-11	4×1.1	4×3	48	2850	2 ½″	50		70	60	48	30.5
CBE-4-CDL(F)3-15	4×1.1	4×3	68.5	2850	2 ½″	50		93	82	68.5	44
CBE-4-CDL(F)3-19	4×1.5	4×3	88	2850	2 ½″	50		118	104	88	58

FREQUENCY CONVERTER PUMP

GREEN Water Solution

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section **CDLF** Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	6	8	10	12	14	16
	kW	m³/h	m	rpm		L	Q (L/min)	0	67	100	133	167	200	233	267
CBE-2-CDL(F)5-2	2×0.37	2×5	11	2850	2″	24		15.5	14	13	12	11	9	7.5	6
CBE-2-CDL(F)5-4	2×0.55	2×5	20	2850	2″	24		26	24.5	23	22.5	20	17	14	11
CBE-2-CDL(F)5-5	2×0.75	2×5	24.5	2850	2″	24		32	30.5	29	27	24.5	21.5	17.5	14
CBE-2-CDL(F)5-8	2×1.1	2×5	40	2850	2″	24		52	49	47	44	40	36	30	24
CBE-2-CDL(F)5-9	2×1.5	2×5	45	2850	2″	24		59.5	56	53	50	45	40	33.5	27
CBE-2-CDL(F)5-10	2×1.5	2×5	50	2850	2″	24	H(m)	65	62	59	55	50	44	37	30
CBE-2-CDL(F)5-12	2×2.2	2×5	62	2850	2″	24		80	75	72.5	68	62	54	45	36
CBE-2-CDL(F)5-14	2×2.2	2×5	74	2850	2″	24		94	89	85	81	74	65	54	42
CBE-2-CDL(F)5-16	2×2.2	2×5	85	2850	2″	24		108	103	100	94	85	75	63	48
CBE-2-CDL(F)5-20	2×3	2×5	105	2850	2″	24		133	129	122	115	105	94	78	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	9	12	15	18	21	24
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	150	200	250	300	350	400
CBE-3-CDL(F)5-2	3×0.37	3×5	11	2850	2″	24		15.5	14	13	12	11	9	7.5	6
CBE-3-CDL(F)5-4	3×0.55	3×5	20	2850	2″	24		26	24.5	23	22.5	20	17	14	11
CBE-3-CDL(F)5-5	3×0.75	3×5	24.5	2850	2″	24		32	30.5	29	27	24.5	21.5	17.5	14
CBE-3-CDL(F)5-8	3×1.1	3×5	40	2850	2″	24		52	49	47	44	40	36	30	24
CBE-3-CDL(F)5-9	3×1.5	3×5	45	2850	2″	24		59.5	56	53	50	45	40	33.5	27
CBE-3-CDL(F)5-10	3×1.5	3×5	50	2850	2″	24	H(m)	65	62	59	55	50	44	37	30
CBE-3-CDL(F)5-12	3×2.2	3×5	62	2850	2″	24		80	75	72.5	68	62	54	45	36
CBE-3-CDL(F)5-14	3×2.2	3×5	74	2850	2″	24		94	89	85	81	74	65	54	42
CBE-3-CDL(F)5-16	3×2.2	3×5	85	2850	2″	24		108	103	100	94	85	75	63	48
CBE-3-CDL(F)5-20	3×3	3×5	105	2850	2″	24		133	129	122	115	105	94	78	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	8	12	16	20	24	28	32
	kW	m³/h	m	rpm		L	Q (L/min)	0	133	200	267	333	400	467	533
CBE-4-CDL(F)5-2	4×0.37	4×5	11	2850	2 ½″	50		15.5	14	13	12	11	9	7.5	6
CBE-4-CDL(F)5-4	4×0.55	4×5	20	2850	2 ½″	50		26	24.5	23	22.5	20	17	14	11
CBE-4-CDL(F)5-5	4×0.75	4×5	24.5	2850	2 ½″	50		32	30.5	29	27	24.5	21.5	17.5	14
CBE-4-CDL(F)5-8	4×1.1	4×5	40	2850	2 ½″	50		52	49	47	44	40	36	30	24
CBE-4-CDL(F)5-9	4×1.5	4×5	45	2850	2 ½″	50		59.5	56	53	50	45	40	33.5	27
CBE-4-CDL(F)5-10	4×1.5	4×5	50	2850	2 ½″	50	H(m)	65	62	59	55	50	44	37	30
CBE-4-CDL(F)5-12	4×2.2	4×5	62	2850	2 ½″	50		80	75	72.5	68	62	54	45	36
CBE-4-CDL(F)5-14	4×2.2	4×5	74	2850	2 ½″	50		94	89	85	81	74	65	54	42
CBE-4-CDL(F)5-16	4×2.2	4×5	85	2850	2 ½″	50		108	103	100	94	85	75	63	48
CBE-4-CDL(F)5-20	4×3	4×5	105	2850	2 ½″	50		133	129	122	115	105	94	78	60

FREQUENCY CONVERTER PUMP

GREEN Water Solution

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section **CDLF** Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	16	20	24	28
	kW	m³/h	m	rpm		L	Q (L/min)	0	267	333	400	467
CBE-2-CDL(F)10-1	2×0.37	2×10	8.5	2850	2 ½"	50		14	9.5	8.5	7	6
CBE-2-CDL(F)10-2	2×0.75	2×10	16	2850	2 ½"	50		24	18	16	13	10
CBE-2-CDL(F)10-3	2×1.1	2×10	25	2850	2 ½"	50		34	28	25	21	16
CBE-2-CDL(F)10-4	2×1.5	2×10	32	2850	2 ½"	50		44	37	32	27	20
CBE-2-CDL(F)10-5	2×2.2	2×10	39	2850	2 ½"	50	H(m)	53.5	44	39	32	24
CBE-2-CDL(F)10-6	2×2.2	2×10	46	2850	2 ½"	50		63.5	53	46	38	28
CBE-2-CDL(F)10-9	2×3	2×10	71	2850	2 ½"	50		94	81	71	59	42
CBE-2-CDL(F)10-12	2×4	2×10	95	2850	2 ½"	50		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	30	36	42
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	500	600	700
CBE-3-CDL(F)10-1	3×0.37	3×10	8.5	2850	DN80	50		14	9.5	8.5	7	6
CBE-3-CDL(F)10-2	3×0.75	3×10	16	2850	DN80	50		24	18	16	13	10
CBE-3-CDL(F)10-3	3×1.1	3×10	25	2850	DN80	50		34	28	25	21	16
CBE-3-CDL(F)10-4	3×1.5	3×10	32	2850	DN80	50		44	37	32	27	20
CBE-3-CDL(F)10-5	3×2.2	3×10	39	2850	DN80	50	H(m)	53.5	44	39	32	24
CBE-3-CDL(F)10-6	3×2.2	3×10	46	2850	DN80	50		63.5	53	46	38	28
CBE-3-CDL(F)10-9	3×3	3×10	71	2850	DN80	50		94	81	71	59	42
CBE-3-CDL(F)10-12	3×4	3×10	95	2850	DN80	50		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	32	40	48	56
	kW	m³/h	m	rpm		L	Q (L/min)	0	533	667	800	933
CBE-4-CDL(F)10-1	4×0.37	4×10	8.5	2850	DN80	80		14	9.5	8.5	7	6
CBE-4-CDL(F)10-2	4×0.75	4×10	16	2850	DN80	80		24	18	16	13	10
CBE-4-CDL(F)10-3	4×1.1	4×10	25	2850	DN80	80		34	28	25	21	16
CBE-4-CDL(F)10-4	4×1.5	4×10	32	2850	DN80	80		44	37	32	27	20
CBE-4-CDL(F)10-5	4×2.2	4×10	39	2850	DN80	80	H(m)	53.5	44	39	32	24
CBE-4-CDL(F)10-6	4×2.2	4×10	46	2850	DN80	80		63.5	53	46	38	28
CBE-4-CDL(F)10-9	4×3	4×10	71	2850	DN80	80		94	81	71	59	42
CBE-4-CDL(F)10-12	4×4	4×10	95	2850	DN80	80		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	50	60	70
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	833	1000	1167
CBE-5-CDL(F)10-1	5×0.37	5×10	8.5	2850	DN100	80		14	9.5	8.5	7	6
CBE-5-CDL(F)10-2	5×0.75	5×10	16	2850	DN100	80		24	18	16	13	10
CBE-5-CDL(F)10-3	5×1.1	5×10	25	2850	DN100	80		34	28	25	21	16
CBE-5-CDL(F)10-4	5×1.5	5×10	32	2850	DN100	80		44	37	32	27	20
CBE-5-CDL(F)10-5	5×2.2	5×10	39	2850	DN100	80	H(m)	53.5	44	39	32	24
CBE-5-CDL(F)10-6	5×2.2	5×10	46	2850	DN100	80		63.5	53	46	38	28
CBE-5-CDL(F)10-9	5×3	5×10	71	2850	DN100	80		94	81	71	59	42
CBE-5-CDL(F)10-12	5×4	5×10	95	2850	DN100	80		125	108	95	78	55

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section **CDLF** Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	60	72	84
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	1000	1200	1400
CBE-6-CDL(F)10-1	6×0.37	6×10	8.5	2850	DN100	80		14	9.5	8.5	7	6
CBE-6-CDL(F)10-2	6×0.75	6×10	16	2850	DN100	80		24	18	16	13	10
CBE-6-CDL(F)10-3	6×1.1	6×10	25	2850	DN100	80		34	28	25	21	16
CBE-6-CDL(F)10-4	6×1.5	6×10	32	2850	DN100	80		44	37	32	27	20
CBE-6-CDL(F)10-5	6×2.2	6×10	39	2850	DN100	80	H(m)	53.5	44	39	32	24
CBE-6-CDL(F)10-6	6×2.2	6×10	46	2850	DN100	80		63.5	53	46	38	28
CBE-6-CDL(F)10-9	6×3	6×10	71	2850	DN100	80		94	81	71	59	42
CBE-6-CDL(F)10-12	6×4	6×10	95	2850	DN100	80		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	16	20	24	28	32	36	40	48
	kW	m³/h	m	rpm		L	Q (L/min)	0	267	333	400	466	533	600	667	800
CBE-2-CDL(F)16-1	2×1.1	2×16	10.5	2850	DN80	50		16	14	13	12	11.5	10.5	10	9	7
CBE-2-CDL(F)16-2	2×2.2	2×16	21	2850	DN80	50		29	26	25	24	23	21	20	18	14
CBE-2-CDL(F)16-3	2×3	2×16	31	2850	DN80	50		42.5	39	38	37	34	31	29	27	20
CBE-2-CDL(F)16-4	2×4	2×16	43	2850	DN80	50	H(m)	58	52	50	48	46	43	40	36	26
CBE-2-CDL(F)16-5	2×4	2×16	54	2850	DN80	50		71	66	64	61	58	54	50	45	33
CBE-2-CDL(F)16-7	2×5.5	2×16	78	2850	DN80	50		99	94	92	88	83	78	71	64	50
CBE-2-CDL(F)16-9	2×7.5	2×16	98	2850	DN80	50		127	122	119	115	109	98	93	87	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	30	36	42	48	54	60	72
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	500	600	700	800	900	1000	1200
CBE-3-CDL(F)16-1	3×1.1	3×16	10.5	2850	DN100	80		16	14	13	12	11.5	10.5	10	9	7
CBE-3-CDL(F)16-2	3×2.2	3×16	21	2850	DN100	80		29	26	25	24	23	21	20	18	14
CBE-3-CDL(F)16-3	3×3	3×16	31	2850	DN100	80		42.5	39	38	37	34	31	29	27	20
CBE-3-CDL(F)16-4	3×4	3×16	43	2850	DN100	80	H(m)	58	52	50	48	46	43	40	36	26
CBE-3-CDL(F)16-5	3×4	3×16	54	2850	DN100	80		71	66	64	61	58	54	50	45	33
CBE-3-CDL(F)16-7	3×5.5	3×16	78	2850	DN100	80		99	94	92	88	83	78	71	64	50
CBE-3-CDL(F)16-9	3×7.5	3×16	98	2850	DN100	80		127	122	119	115	109	98	93	87	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	32	40	48	56	64	72	80	96
	kW	m³/h	m	rpm		L	Q (L/min)	0	533	667	800	933	1067	1200	1333	1600
CBE-4-CDL(F)16-1	4×1.1	4×16	10.5	2850	DN100	80		16	14	13	12	11.5	10.5	10	9	7
CBE-4-CDL(F)16-2	4×2.2	4×16	21	2850	DN100	80		29	26	25	24	23	21	20	18	14
CBE-4-CDL(F)16-3	4×3	4×16	31	2850	DN100	80		42.5	39	38	37	34	31	29	27	20
CBE-4-CDL(F)16-4	4×4	4×16	43	2850	DN100	80	H(m)	58	52	50	48	46	43	40	36	26
CBE-4-CDL(F)16-5	4×4	4×16	54	2850	DN100	80		71	66	64	61	58	54	50	45	33
CBE-4-CDL(F)16-7	4×5.5	4×16	78	2850	DN100	80		99	94	92	88	83	78	71	64	50
CBE-4-CDL(F)16-9	4×7.5	4×16	98	2850	DN100	80		127	122	119	115	109	98	93	87	66

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section **CDLF** Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	50	60	70	80	90	100	120
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	833	1000	1167	1333	1500	1667	200
CBE-5-CDL(F)16-1	5×1.1	5×16	10.5	2850	DN150	80		16	14	13	12	11.5	10.5	10	9	7
CBE-5-CDL(F)16-2	5×2.2	5×16	21	2850	DN150	80		29	26	25	24	23	21	20	18	14
CBE-5-CDL(F)16-3	5×3	5×16	31	2850	DN150	80		42.5	39	38	37	34	31	29	27	20
CBE-5-CDL(F)16-4	5×4	5×16	43	2850	DN150	80	H(m)	58	52	50	48	46	43	40	36	26
CBE-5-CDL(F)16-5	5×4	5×16	54	2850	DN150	80		71	66	64	61	58	54	50	45	33
CBE-5-CDL(F)16-7	5×5.5	5×16	78	2850	DN150	80		99	94	92	88	83	78	71	64	50
CBE-5-CDL(F)16-9	5×7.5	5×16	98	2850	DN150	80		127	122	119	115	109	98	93	87	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	60	72	84	96	108	120	144
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	1000	1200	1400	1600	1800	2000	2400
CBE-6-CDL(F)16-1	6×1.1	6×16	10.5	2850	DN150	150		16	14	13	12	11.5	10.5	10	9	7
CBE-6-CDL(F)16-2	6×2.2	6×16	21	2850	DN150	150		29	26	25	24	23	21	20	18	14
CBE-6-CDL(F)16-3	6×3	6×16	31	2850	DN150	150		42.5	39	38	37	34	31	29	27	20
CBE-6-CDL(F)16-4	6×4	6×16	43	2850	DN150	150	H(m)	58	52	50	48	46	43	40	36	26
CBE-6-CDL(F)16-5	6×4	6×16	54	2850	DN150	150		71	66	64	61	58	54	50	45	33
CBE-6-CDL(F)16-7	6×5.5	6×16	78	2850	DN150	150		99	94	92	88	83	78	71	64	50
CBE-6-CDL(F)16-9	6×7.5	6×16	98	2850	DN150	150		127	122	119	115	109	98	93	87	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	28	32	36	40	48	52	56
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	467	533	600	667	800	866	933
CBE-2-CDL(F)20-1	2×1.1	2×20	10.5	2850	DN80	80		15	13	12.5	12	11.5	10.5	9	8	7
CBE-2-CDL(F)20-2	2×2.2	2×20	21	2850	DN80	80		29.5	26	25	24	22.5	21	18	16	14
CBE-2-CDL(F)20-3	2×4	2×20	31	2850	DN80	80		42.5	39	38	36	34	32	27	24	21
CBE-2-CDL(F)20-4	2×5.5	2×20	43	2850	DN80	80	H(m)	57	52	51	50	46	43	36	32	27
CBE-2-CDL(F)20-5	2×5.5	2×20	54	2850	DN80	80		70.5	65	63	61	58	55	45	40	33
CBE-2-CDL(F)20-6	2×7.5	2×20	78	2850	DN80	80		85	78	77	73	70	66	55	48	40
CBE-2-CDL(F)20-7	2×7.5	2×20	98	2850	DN80	80		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	36	42	48	54	60	72	78	84
	kW	m³/h	m	rpm		L	Q (L/min)	0	600	700	800	900	1000	1200	1300	1400
CBE-3-CDL(F)20-1	3×1.1	3×20	10.5	2850	DN100	80		15	13	12.5	12	11.5	10.5	9	8	7
CBE-3-CDL(F)20-2	3×2.2	3×20	21	2850	DN100	80		29.5	26	25	24	22.5	21	18	16	14
CBE-3-CDL(F)20-3	3×4	3×20	31	2850	DN100	80		42.5	39	38	36	34	32	27	24	21
CBE-3-CDL(F)20-4	3×5.5	3×20	43	2850	DN100	80	H(m)	57	52	51	50	46	43	36	32	27
CBE-3-CDL(F)20-5	3×5.5	3×20	54	2850	DN100	80		70.5	65	63	61	58	55	45	40	33
CBE-3-CDL(F)20-6	3×7.5	3×20	78	2850	DN100	80		85	78	77	73	70	66	55	48	40
CBE-3-CDL(F)20-7	3×7.5	3×20	98	2850	DN100	80		100	92	89	86	82	77	65	58	47

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	56	64	72	80	96	104	112
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	933	1067	1200	1333	1600	1733	1867
CBE-4-CDL(F)20-1	4×1.1	4×20	10.5	2850	DN100	80		15	13	12.5	12	11.5	10.5	9	8	7
CBE-4-CDL(F)20-2	4×2.2	4×20	21	2850	DN100	80		29.5	26	25	24	22.5	21	18	16	14
CBE-4-CDL(F)20-3	4×4	4×20	31	2850	DN100	80		42.5	39	38	36	34	32	27	24	21
CBE-4-CDL(F)20-4	4×5.5	4×20	43	2850	DN100	80	H(m)	57	52	51	50	46	43	36	32	27
CBE-4-CDL(F)20-5	4×5.5	4×20	54	2850	DN100	80		70.5	65	63	61	58	55	45	40	33
CBE-4-CDL(F)20-6	4×7.5	4×20	78	2850	DN100	80		85	78	77	73	70	66	55	48	40
CBE-4-CDL(F)20-7	4×7.5	4×20	98	2850	DN100	80		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	70	80	90	100	120	130	140
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1167	1333	1500	1667	2000	2167	2333
CBE-5-CDL(F)20-1	5×1.1	5×20	10.5	2850	DN150	80		15	13	12.5	12	11.5	10.5	9	8	7
CBE-5-CDL(F)20-2	5×2.2	5×20	21	2850	DN150	80		29.5	26	25	24	22.5	21	18	16	14
CBE-5-CDL(F)20-3	5×4	5×20	31	2850	DN150	80		42.5	39	38	36	34	32	27	24	21
CBE-5-CDL(F)20-4	5×5.5	5×20	43	2850	DN150	80	H(m)	57	52	51	50	46	43	36	32	27
CBE-5-CDL(F)20-5	5×5.5	5×20	54	2850	DN150	80		70.5	65	63	61	58	55	45	40	33
CBE-5-CDL(F)20-6	5×7.5	5×20	78	2850	DN150	80		85	78	77	73	70	66	55	48	40
CBE-5-CDL(F)20-7	5×7.5	5×20	98	2850	DN150	80		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	72	84	96	108	120	142	146	168
	kW	m³/h	m	rpm		L	Q (L/min)	0	1200	1400	1600	1800	2000	2367	2433	2800
CBE-6-CDL(F)20-1	6×1.1	6×20	10.5	2850	DN150	150		15	13	12.5	12	11.5	10.5	9	8	7
CBE-6-CDL(F)20-2	6×2.2	6×20	21	2850	DN150	150		29.5	26	25	24	22.5	21	18	16	14
CBE-6-CDL(F)20-3	6×4	6×20	31	2850	DN150	150		42.5	39	38	36	34	32	27	24	21
CBE-6-CDL(F)20-4	6×5.5	6×20	43	2850	DN150	150	H(m)	57	52	51	50	46	43	36	32	27
CBE-6-CDL(F)20-5	6×5.5	6×20	54	2850	DN150	150		70.5	65	63	61	58	55	45	40	33
CBE-6-CDL(F)20-6	6×7.5	6×20	78	2850	DN150	150		85	78	77	73	70	66	55	48	40
CBE-6-CDL(F)20-7	6×7.5	6×20	98	2850	DN150	150		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	60	80
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	1000	1333
CBE-2-CDL(F)32-10-1	2×1.5	2×32	10	2850	DN100	80		17	13	10.5	7
CBE-2-CDL(F)32-10	2×2.2	2×32	13	2850	DN100	80		22	16.5	14	8.5
CBE-2-CDL(F)32-20	2×4	2×32	19	2850	DN100	80		40.5	32	26	17
CBE-2-CDL(F)32-30	2×5.5	2×32	37	2850	DN100	80		59.5	49	39	25
CBE-2-CDL(F)32-40	2×7.5	2×32	50	2850	DN100	80	H(m)	78	66	53	34
CBE-2-CDL(F)32-40-2	2×7.5	2×32	44	2850	DN100	80		71	59	47	29
CBE-2-CDL(F)32-50-2	2×11	2×32	57	2850	DN100	80		89.5	76	61	37
CBE-2-CDL(F)32-50	2×11	2×32	62	2850	DN100	80		98	83	66	42
CBE-2-CDL(F)32-60	2×11	2×32	77	2850	DN100	80		115	101	83	52

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	90	120
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1500	2000
CBE-3-CDL(F)32-10-1	3×1.5	3×32	10	2850	DN150	80	H(m)	17	13	10.5	7
CBE-3-CDL(F)32-10	3×2.2	3×32	13	2850	DN150	80		22	16.5	14	8.5
CBE-3-CDL(F)32-20	3×4	3×32	19	2850	DN150	80		40.5	32	26	17
CBE-3-CDL(F)32-30	3×5.5	3×32	37	2850	DN150	80		59.5	49	39	25
CBE-3-CDL(F)32-40	3×7.5	3×32	50	2850	DN150	80		78	66	53	34
CBE-3-CDL(F)32-40-2	3×7.5	3×32	44	2850	DN150	80		71	59	47	29
CBE-3-CDL(F)32-50-2	3×11	3×32	57	2850	DN150	80		89.5	76	61	37
CBE-3-CDL(F)32-50	3×11	3×32	62	2850	DN150	80		98	83	66	42
CBE-3-CDL(F)32-60	3×11	3×32	77	2850	DN150	80		115	101	83	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	80	120	160
	kW	m³/h	m	rpm		L	Q (L/min)	0	1333	2000	2667
CBE-4-CDL(F)32-10-1	4×1.5	4×32	10	2850	DN150	100	H(m)	17	13	10.5	7
CBE-4-CDL(F)32-10	4×2.2	4×32	13	2850	DN150	100		22	16.5	14	8.5
CBE-4-CDL(F)32-20	4×4	4×32	19	2850	DN150	100		40.5	32	26	17
CBE-4-CDL(F)32-30	4×5.5	4×32	37	2850	DN150	100		59.5	49	39	25
CBE-4-CDL(F)32-40	4×7.5	4×32	50	2850	DN150	100		78	66	53	34
CBE-4-CDL(F)32-40-2	4×7.5	4×32	44	2850	DN150	100		71	59	47	29
CBE-4-CDL(F)32-50-2	4×11	4×32	57	2850	DN150	100		89.5	76	61	37
CBE-4-CDL(F)32-50	4×11	4×32	62	2850	DN150	100		98	83	66	42
CBE-4-CDL(F)32-60	4×11	4×32	77	2850	DN150	100		115	101	83	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	100	150	200
	kW	m³/h	m	rpm		L	Q (L/min)	0	1667	2500	3333
CBE-5-CDL(F)32-10-1	5×1.5	5×32	10	2850	DN150	150	H(m)	17	13	10.5	7
CBE-5-CDL(F)32-10	5×2.2	5×32	13	2850	DN150	150		22	16.5	14	8.5
CBE-5-CDL(F)32-20	5×4	5×32	19	2850	DN150	150		40.5	32	26	17
CBE-5-CDL(F)32-30	5×5.5	5×32	37	2850	DN150	150		59.5	49	39	25
CBE-5-CDL(F)32-40	5×7.5	5×32	50	2850	DN150	150		78	66	53	34
CBE-5-CDL(F)32-40-2	5×7.5	5×32	44	2850	DN150	150		71	59	47	29
CBE-5-CDL(F)32-50-2	5×11	5×32	57	2850	DN150	150		89.5	76	61	37
CBE-5-CDL(F)32-50	5×11	5×32	62	2850	DN150	150		98	83	66	42
CBE-5-CDL(F)32-60	5×11	5×32	77	2850	DN150	150		115	101	83	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	180	240
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	3000	4000
CBE-6-CDL(F)32-10-1	6×1.5	6×32	10	2850	DN200	200	H(m)	17	13	10.5	7
CBE-6-CDL(F)32-10	6×2.2	6×32	13	2850	DN200	200		22	16.5	14	8.5
CBE-6-CDL(F)32-20	6×4	6×32	19	2850	DN200	200		40.5	32	26	17
CBE-6-CDL(F)32-30	6×5.5	6×32	37	2850	DN200	200		59.5	49	39	25
CBE-6-CDL(F)32-40	6×7.5	6×32	50	2850	DN200	200		78	66	53	34
CBE-6-CDL(F)32-40-2	6×7.5	6×32	44	2850	DN200	200		71	59	47	29
CBE-6-CDL(F)32-50-2	6×11	6×32	57	2850	DN200	200		89.5	76	61	37
CBE-6-CDL(F)32-50	6×11	6×32	62	2850	DN200	200		98	83	66	42
CBE-6-CDL(F)32-60	6×11	6×32	77	2850	DN200	200		115	101	83	52

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	80	100
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1333	1666
CBE-2-CDL(F)45-10-1	2×3	2×45	15	2850	DN150	80	H(m)	21	19	17	13
CBE-2-CDL(F)45-10	2×4	2×45	19	2850	DN150	80		25	23	21	18
CBE-2-CDL(F)45-20-2	2×5.5	2×45	30	2850	DN150	80		41	38	33	27
CBE-2-CDL(F)45-20	2×7.5	2×45	39	2850	DN150	80		51	46	42	35
CBE-2-CDL(F)45-30	2×11	2×45	58	2850	DN150	80		78.5	70	63	53
CBE-2-CDL(F)45-40	2×15	2×45	77	2850	DN150	80		102	94	84	70
CBE-2-CDL(F)45-50	2×18.5	2×45	97	2850	DN150	80		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	90	120	150
	kW	m³/h	m	rpm		L	Q (L/min)	0	1500	2000	2500
CBE-3-CDL(F)45-10-1	3×3	3×45	15	2850	DN150	100	H(m)	21	19	17	13
CBE-3-CDL(F)45-10	3×4	3×45	19	2850	DN150	100		25	23	21	18
CBE-3-CDL(F)45-20-2	3×5.5	3×45	30	2850	DN150	100		41	38	33	27
CBE-3-CDL(F)45-20	3×7.5	3×45	39	2850	DN150	100		51	46	42	35
CBE-3-CDL(F)45-30	3×11	3×45	58	2850	DN150	100		78.5	70	63	53
CBE-3-CDL(F)45-40	3×15	3×45	77	2850	DN150	100		102	94	84	70
CBE-3-CDL(F)45-50	3×18.5	3×45	97	2850	DN150	100		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	160	200
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	2667	3333
CBE-4-CDL(F)45-10-1	4×3	4×45	15	2850	DN200	150	H(m)	21	19	17	13
CBE-4-CDL(F)45-10	4×4	4×45	19	2850	DN200	150		25	23	21	18
CBE-4-CDL(F)45-20-2	4×5.5	4×45	30	2850	DN200	150		41	38	33	27
CBE-4-CDL(F)45-20	4×7.5	4×45	39	2850	DN200	150		51	46	42	35
CBE-4-CDL(F)45-30	4×11	4×45	58	2850	DN200	150		78.5	70	63	53
CBE-4-CDL(F)45-40	4×15	4×45	77	2850	DN200	150		102	94	84	70
CBE-4-CDL(F)45-50	4×18.5	4×45	97	2850	DN200	150		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	200	250
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	3333	4167
CBE-5-CDL(F)45-10-1	5×3	5×45	15	2850	DN200	200	H(m)	21	19	17	13
CBE-5-CDL(F)45-10	5×4	5×45	19	2850	DN200	200		25	23	21	18
CBE-5-CDL(F)45-20-2	5×5.5	5×45	30	2850	DN200	200		41	38	33	27
CBE-5-CDL(F)45-20	5×7.5	5×45	39	2850	DN200	200		51	46	42	35
CBE-5-CDL(F)45-30	5×11	5×45	58	2850	DN200	200		78.5	70	63	53
CBE-5-CDL(F)45-40	5×15	5×45	77	2850	DN200	200		102	94	84	70
CBE-5-CDL(F)45-50	5×18.5	5×45	97	2850	DN200	200		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	180	240	300
	kW	m³/h	m	rpm		L	Q (L/min)	0	3000	4000	5000
CBE-6-CDL(F)45-10-1	6×3	6×45	15	2850	DN200	300	H(m)	21	19	17	13
CBE-6-CDL(F)45-10	6×4	6×45	19	2850	DN200	300		25	23	21	18
CBE-6-CDL(F)45-20-2	6×5.5	6×45	30	2850	DN200	300		41	38	33	27
CBE-6-CDL(F)45-20	6×7.5	6×45	39	2850	DN200	300		51	46	42	35
CBE-6-CDL(F)45-30	6×11	6×45	58	2850	DN200	300		78.5	70	63	53
CBE-6-CDL(F)45-40	6×15	6×45	77	2850	DN200	300		102	94	84	70
CBE-6-CDL(F)45-50	6×18.5	6×45	97	2850	DN200	300		129	118	105	88

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	80	100	120	128	140	160
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1333	1667	2000	2133	2333	2667
CBE-2-CDL(F)64-10-1	2×4	2×64	13	2850	DN150	80		20	19	18	16	14	13	11.5	9
CBE-2-CDL(F)64-10	2×5.5	2×64	19	2850	DN150	80		30	27	25	23	20	19	17	14
CBE-2-CDL(F)64-20-2	2×7.5	2×64	26	2850	DN150	80		41	37	35	32	28	26	23	17
CBE-2-CDL(F)64-20	2×11	2×64	40	2850	DN150	80	H(m)	61	55	51	47	42	40	37	30
CBE-2-CDL(F)64-30-1	2×15	2×64	53	2850	DN150	80		80	73	69	63	56	54	48	39
CBE-2-CDL(F)64-40-2	2×18.5	2×64	66	2850	DN150	80		100	92	87	80	71	69	60	49

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	90	120	150	180	192	210	240
	kW	m³/h	m	rpm		L	Q (L/min)	0	1500	2000	2500	3000	3200	3500	4000
CBE-3-CDL(F)64-10-1	3×4	3×64	13	2850	DN200	150		20	19	18	16	14	13	11.5	9
CBE-3-CDL(F)64-10	3×5.5	3×64	19	2850	DN200	150		30	27	25	23	20	19	17	14
CBE-3-CDL(F)64-20-2	3×7.5	3×64	26	2850	DN200	150		41	37	35	32	28	26	23	17
CBE-3-CDL(F)64-20	3×11	3×64	40	2850	DN200	150	H(m)	61	55	51	47	42	40	37	30
CBE-3-CDL(F)64-30-1	3×15	3×64	53	2850	DN200	150		80	73	69	63	56	54	48	39
CBE-3-CDL(F)64-40-2	3×18.5	3×64	66	2850	DN200	150		100	92	87	80	71	69	60	49

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	160	200	240	256	280	320
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	2667	3333	4000	4267	4667	5333
CBE-4-CDL(F)64-10-1	4×4	4×64	13	2850	DN200	200		20	19	18	16	14	13	11.5	9
CBE-4-CDL(F)64-10	4×5.5	4×64	19	2850	DN200	200		30	27	25	23	20	19	17	14
CBE-4-CDL(F)64-20-2	4×7.5	4×64	26	2850	DN200	200		41	37	35	32	28	26	23	17
CBE-4-CDL(F)64-20	4×11	4×64	40	2850	DN200	200	H(m)	61	55	51	47	42	40	37	30
CBE-4-CDL(F)64-30-1	4×15	4×64	53	2850	DN200	200		80	73	69	63	56	54	48	39
CBE-4-CDL(F)64-40-2	4×18.5	4×64	66	2850	DN200	200		100	92	87	80	71	69	60	49

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	200	250	300	320	350	400
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	3333	4167	5000	5333	5833	6667
CBE-5-CDL(F)64-10-1	5×4	5×64	13	2850	DN250	200		20	19	18	16	14	13	11.5	9
CBE-5-CDL(F)64-10	5×5.5	5×64	19	2850	DN250	200		30	27	25	23	20	19	17	14
CBE-5-CDL(F)64-20-2	5×7.5	5×64	26	2850	DN250	200		41	37	35	32	28	26	23	17
CBE-5-CDL(F)64-20	5×11	5×64	40	2850	DN250	200	H(m)	61	55	51	47	42	40	37	30
CBE-5-CDL(F)64-30-1	5×15	5×64	53	2850	DN250	200		80	73	69	63	56	54	48	39
CBE-5-CDL(F)64-40-2	5×18.5	5×64	66	2850	DN250	200		100	92	87	80	71	69	60	49

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	180	240	300	360	384	420	480
	kW	m³/h	m	rpm		L	Q (L/min)	0	3000	4000	5000	6000	6400	7000	8000
CBE-6-CDL(F)64-10-1	6×4	6×64	13	2850	DN250	300		20	19	18	16	14	13	11.5	9
CBE-6-CDL(F)64-10	6×5.5	6×64	19	2850	DN250	300		30	27	25	23	20	19	17	14
CBE-6-CDL(F)64-20-2	6×7.5	6×64	26	2850	DN250	300		41	37	35	32	28	26	23	17
CBE-6-CDL(F)64-20	6×11	6×64	40	2850	DN250	300	H(m)	61	55	51	47	42	40	37	30
CBE-6-CDL(F)64-30-1	6×15	6×64	53	2850	DN250	300		80	73	69	63	56	54	48	39
CBE-6-CDL(F)64-40-2	6×18.5	6×64	66	2850	DN250	300		100	92	87	80	71	69	60	49

FREQUENCY CONVERTER PUMP

CBE-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	100	140	180	200	220
	kW	m³/h	m	rpm		L	Q (L/min)	0	1667	2333	3000	3333	3667
CBE-2-CDL(F)90-10-1	2×5.5	2×90	13	2850	DN150	100		26	22	18	13	10	6
CBE-2-CDL(F)90-10	2×7.5	2×90	19	2850	DN150	100		35	30	25	19	15	11
CBE-2-CDL(F)90-20-2	2×11	2×90	28	2850	DN150	100	H(m)	49	41	36	28	22	15
CBE-2-CDL(F)90-20	2×15	2×90	40	2850	DN150	100		66	56	49	40	35	30
CBE-2-CDL(F)90-30-2	2×18.5	2×90	49	2850	DN150	100		80	68	60	49	41	33

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	210	270	300	330
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	3500	4500	5000	5500
CBE-3-CDL(F)90-10-1	3×5.5	3×90	13	2850	DN200	200		26	22	18	13	10	6
CBE-3-CDL(F)90-10	3×7.5	3×90	19	2850	DN200	200		35	30	25	19	15	11
CBE-3-CDL(F)90-20-2	3×11	3×90	28	2850	DN200	200		49	41	36	28	22	15
CBE-3-CDL(F)90-20	3×15	3×90	40	2850	DN200	200	H(m)	66	56	49	40	35	30
CBE-3-CDL(F)90-30-2	3×18.5	3×90	49	2850	DN200	200		80	68	60	49	41	33

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	200	280	360	400	440
	kW	m³/h	m	rpm		L	Q (L/min)	0	2333	4667	6000	6667	7333
CBE-4-CDL(F)90-10-1	4×5.5	4×90	13	2850	DN200	300		26	22	18	13	10	6
CBE-4-CDL(F)90-10	4×7.5	4×90	19	2850	DN200	300		35	30	25	19	15	11
CBE-4-CDL(F)90-20-2	4×11	4×90	28	2850	DN200	300		49	41	36	28	22	15
CBE-4-CDL(F)90-20	4×15	4×90	40	2850	DN200	300	H(m)	66	56	49	40	35	30
CBE-4-CDL(F)90-30-2	4×18.5	4×90	49	2850	DN200	300		80	68	60	49	41	33

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	250	350	450	500	550
	kW	m³/h	m	rpm		L	Q (L/min)	0	4167	5833	7500	8333	9167
CBE-5-CDL(F)90-10-1	5×5.5	5×90	13	2850	DN250	300		26	22	18	13	10	6
CBE-5-CDL(F)90-10	5×7.5	5×90	19	2850	DN250	300		35	30	25	19	15	11
CBE-5-CDL(F)90-20-2	5×11	5×90	28	2850	DN250	300		49	41	36	28	22	15
CBE-5-CDL(F)90-20	5×15	5×90	40	2850	DN250	300	H(m)	66	56	49	40	35	30
CBE-5-CDL(F)90-30-2	5×18.5	5×90	49	2850	DN250	300		80	68	60	49	41	33

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	300	420	540	600	660
	kW	m³/h	m	rpm		L	Q (L/min)	0	5000	7000	9000	10000	11000
CBE-6-CDL(F)90-10-1	6×5.5	6×90	13	2850	DN250	500		26	22	18	13	10	6
CBE-6-CDL(F)90-10	6×7.5	6×90	19	2850	DN250	500		35	30	25	19	15	11
CBE-6-CDL(F)90-20-2	6×11	6×90	28	2850	DN250	500		49	41	36	28	22	15
CBE-6-CDL(F)90-20	6×15	6×90	40	2850	DN250	500	H(m)	66	56	49	40	35	30
CBE-6-CDL(F)90-30-2	6×18.5	6×90	49	2850	DN250	500		80	68	60	49	41	33

FREQUENCY CONVERTER PUMP

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

Advanced and energy efficient pressure boosting system for boosting of clean water. Available with 2- 6 parallel connected pumps, integrated advanced controller and all necessary. The booster system with frequency- controlled pumps. The frequency converter of this series of pumps is hidden in the cabinet. The sets are maintain a constant pressure through continuous adjustment of the speed of the pumps. The system performance is adapted to the demand through cutting in/ out the required number of pumps and through parallel control of the pumps in operation

Max.Head
160 m

Pump Designs
Booster set.

Application Limits

Liquid temperature: 0℃ ~ + 60℃
Maximum system pressure 16 bar
Pumped liquid characteristics: Convey thin, clean,non- flammable and non- explosive liquid without solid granules and fibers

Applications

Pressure boosting
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids. Water supply: Pressure boosting in industrial applications, blocks of flats, hotels, communities, water treatment plants, campsites, schools, hospitals, barracks, etc.
Irrigation: Playing fields in general (football, golf, etc), agriculture, artificial snow systems.

HIGH-RISE BUILDING INDUSTRY MUNICIPAL

CDL Cast iron inlet and outlet section **CDLF** Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	6	8
	kW	m³/h	m	rpm		L	Q (L/min)	0	67	100	133
CBF-2-CDL(F)3-7	2×0.55	2×3	30.5	2850	2″	24	H(m)	45	39	30.5	19.5
CBF-2-CDL(F)3-10	2×0.75	2×3	43	2850	2″	24		62.5	55	43	28
CBF-2-CDL(F)3-15	2×1.1	2×3	68.5	2850	2″	24		93	82	68.5	44
CBF-2-CDL(F)3-19	2×1.5	2×3	88	2850	2″	24		118	104	88	58

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	9	12
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	150	200
CBF-3-CDL(F)3-7	3×0.55	3×3	30.5	2850	2″	24	H(m)	45	39	30.5	19.5
CBF-3-CDL(F)3-10	3×0.75	3×3	43	2850	2″	24		62.5	55	43	28
CBF-3-CDL(F)3-15	3×1.1	3×3	68.5	2850	2″	24		93	82	68.5	44
CBF-3-CDL(F)3-19	3×1.5	3×3	88	2850	2″	24		118	104	88	58

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	8	12	16
	kW	m³/h	m	rpm		L	Q (L/min)	0	133	200	267
CBF-4-CDL(F)3-7	4×0.55	4×3	30.5	2850	2½"	50	H(m)	45	39	30.5	19.5
CBF-4-CDL(F)3-10	4×0.75	4×3	43	2850	2½"	50		62.5	55	43	28
CBF-4-CDL(F)3-15	4×1.1	4×3	68.5	2850	2½"	50		93	82	68.5	44
CBF-4-CDL(F)3-19	4×1.5	4×3	88	2850	2½"	50		118	104	88	58

FREQUENCY CONVERTER PUMP

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

HIGH-RISE BUILDING INDUSTRY MUNICIPAL

CDL Cast iron inlet and outlet section **CDLF** Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	6	8	10	12	14	16
	kW	m³/h	m	rpm		L	Q (L/min)	0	67	100	133	167	200	233	267
CBF-2-CDL(F)5-4	2×0.55	2×5	20	2850	2″	24	H(m)	26	24.5	23	22.5	20	17	14	11
CBF-2-CDL(F)5-5	2×0.75	2×5	24.5	2850	2″	24		32	30.5	29	27	24.5	21.5	17.5	14
CBF-2-CDL(F)5-8	2×1.1	2×5	40	2850	2″	24		52	49	47	44	40	36	30	24
CBF-2-CDL(F)5-10	2×1.5	2×5	50	2850	2″	24		65	62	59	55	50	44	37	30
CBF-2-CDL(F)5-16	2×2.2	2×5	85	2850	2″	24		108	103	100	94	85	75	63	48
CBF-2-CDL(F)5-20	2×3	2×5	105	2850	2″	24		133	129	122	109	105	94	78	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	9	12	15	18	21	24
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	150	200	250	300	350	400
CBF-3-CDL(F)5-4	3×0.55	3×5	20	2850	2″	24	H(m)	26	24.5	23	22.5	20	17	14	11
CBF-3-CDL(F)5-5	3×0.75	3×5	24.5	2850	2″	24		32	30.5	29	27	24.5	21.5	17.5	14
CBF-3-CDL(F)5-8	3×1.1	3×5	40	2850	2″	24		52	49	47	44	40	36	30	24
CBF-3-CDL(F)5-10	3×1.5	3×5	50	2850	2″	24		65	62	59	55	50	44	37	30
CBF-3-CDL(F)5-16	3×2.2	3×5	85	2850	2″	24		108	103	100	94	85	75	63	48
CBF-3-CDL(F)5-20	3×3	3×5	105	2850	2″	24		133	129	122	109	105	94	78	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	8	12	16	20	24	28	32
	kW	m³/h	m	rpm		L	Q (L/min)	0	133	200	267	333	400	467	533
CBF-4-CDL(F)5-4	4×0.55	4×5	20	2850	2½"	50	H(m)	26	24.5	23	22.5	20	17	14	11
CBF-4-CDL(F)5-5	4×0.75	4×5	24.5	2850	2½"	50		32	30.5	29	27	24.5	21.5	17.5	14
CBF-4-CDL(F)5-8	4×1.1	4×5	40	2850	2½"	50		52	49	47	44	40	36	30	24
CBF-4-CDL(F)5-10	4×1.5	4×5	50	2850	2½"	50		65	62	59	55	50	44	37	30
CBF-4-CDL(F)5-16	4×2.2	4×5	85	2850	2½"	50		108	103	100	94	85	75	63	48
CBF-4-CDL(F)5-20	4×3	4×5	105	2850	2½"	50		133	129	122	109	105	94	78	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	16	20	24	28
	kW	m³/h	m	rpm		L	Q (L/min)	0	267	333	400	467
CBF-2-CDL(F)10-3	2×1.1	2×10	25	2850	2½"	50	H(m)	34	28	25	21	16
CBF-2-CDL(F)10-4	2×1.5	2×10	32	2850	2½"	50		44	37	32	27	20
CBF-2-CDL(F)10-6	2×2.2	2×10	46	2850	2½"	50		63.5	53	46	38	28
CBF-2-CDL(F)10-9	2×3	2×10	71	2850	2½"	50		94	81	71	59	42
CBF-2-CDL(F)10-12	2×4	2×10	95	2850	2½"	50		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	30	36	42
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	500	600	700
CBF-3-CDL(F)10-3	3×1.1	3×10	25	2850	DN80	50	H(m)	34	28	25	21	16
CBF-3-CDL(F)10-4	3×1.5	3×10	32	2850	DN80	50		44	37	32	27	20
CBF-3-CDL(F)10-6	3×2.2	3×10	46	2850	DN80	50		63.5	53	46	38	28
CBF-3-CDL(F)10-9	3×3	3×10	71	2850	DN80	50		94	81	71	59	42
CBF-3-CDL(F)10-12	3×4	3×10	95	2850	DN80	50		125	108	95	78	55

FREQUENCY CONVERTER PUMP

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	32	40	48	56
	kW	m³/h	m	rpm		L	Q (L/min)	0	533	667	800	933
CBF-4-CDL(F)10-3	4×1.1	4×10	25	2850	DN80	80	H(m)	34	28	25	21	16
CBF-4-CDL(F)10-4	4×1.5	4×10	32	2850	DN80	80		44	37	32	27	20
CBF-4-CDL(F)10-6	4×2.2	4×10	46	2850	DN80	80		63.5	53	46	38	28
CBF-4-CDL(F)10-9	4×3	4×10	71	2850	DN80	80		94	81	71	59	42
CBF-4-CDL(F)10-12	4×4	4×10	95	2850	DN80	80		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	50	60	70
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	833	1000	1167
CBF-5-CDL(F)10-3	5×1.1	5×10	25	2850	DN100	80	H(m)	34	28	25	21	16
CBF-5-CDL(F)10-4	5×1.5	5×10	32	2850	DN100	80		44	37	32	27	20
CBF-5-CDL(F)10-6	5×2.2	5×10	46	2850	DN100	80		63.5	53	46	38	28
CBF-5-CDL(F)10-9	5×3	5×10	71	2850	DN100	80		94	81	71	59	42
CBF-5-CDL(F)10-12	5×4	5×10	95	2850	DN100	80		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	60	72	84
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	1000	1200	1400
CBF-6-CDL(F)10-3	6×1.1	6×10	25	2850	DN100	80	H(m)	34	28	25	21	16
CBF-6-CDL(F)10-4	6×1.5	6×10	32	2850	DN100	80		44	37	32	27	20
CBF-6-CDL(F)10-6	6×2.2	6×10	46	2850	DN100	80		63.5	53	46	38	28
CBF-6-CDL(F)10-9	6×3	6×10	71	2850	DN100	80		94	81	71	59	42
CBF-6-CDL(F)10-12	6×4	6×10	95	2850	DN100	80		125	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	16	20	24	28	32	36	40
	kW	m³/h	m	rpm		L	Q (L/min)	0	267	333	400	467	533	600	667
CBF-2-CDL(F)16-2	2×2.2	2×16	22	2850	DN80	50	H(m)	29	26	25	24	23	21	20	18
CBF-2-CDL(F)16-3	2×3	2×16	33	2850	DN80	50		42.5	39	38	37	34	31	29	27
CBF-2-CDL(F)16-5	2×4	2×16	56	2850	DN80	50		71	66	64	61	58	54	50	45
CBF-2-CDL(F)16-7	2×5.5	2×16	80	2850	DN80	50		99	94	92	88	83	78	71	64
CBF-2-CDL(F)16-9	2×7.5	2×16	104	2850	DN80	50		127	122	119	115	109	98	93	87

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	30	36	42	48	54	60
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	500	600	700	800	900	1000
CBF-3-CDL(F)16-2	3×2.2	3×16	22	2850	DN100	80	H(m)	29	26	25	24	23	21	20	18
CBF-3-CDL(F)16-3	3×3	3×16	33	2850	DN100	80		42.5	39	38	37	34	31	29	27
CBF-3-CDL(F)16-5	3×4	3×16	56	2850	DN100	80		71	66	64	61	58	54	50	45
CBF-3-CDL(F)16-7	3×5.5	3×16	80	2850	DN100	80		99	94	92	88	83	78	71	64
CBF-3-CDL(F)16-9	3×7.5	3×16	104	2850	DN100	80		127	122	119	115	109	98	93	87

FREQUENCY CONVERTER PUMP

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	32	40	48	56	64	72	80
	kW	m³/h	m	rpm		L	Q (L/min)	0	533	667	800	933	1067	1200	1333
CBF-4-CDL(F)16-2	4×2.2	4×16	22	2850	DN100	80	H(m)	29	26	25	24	23	21	20	18
CBF-4-CDL(F)16-3	4×3	4×16	33	2850	DN100	80		42.5	39	38	37	34	31	29	27
CBF-4-CDL(F)16-5	4×4	4×16	56	2850	DN100	80		71	66	64	61	58	54	50	45
CBF-4-CDL(F)16-7	4×5.5	4×16	80	2850	DN100	80		99	94	92	88	83	78	71	64
CBF-4-CDL(F)16-9	4×7.5	4×16	104	2850	DN100	80		127	122	119	115	109	98	93	87

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	50	60	70	80	90	100
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	833	1000	1167	1333	1500	1667
CBF-5-CDL(F)16-2	5×2.2	5×16	22	2850	DN150	80	H(m)	29	26	25	24	23	21	20	18
CBF-5-CDL(F)16-3	5×3	5×16	33	2850	DN150	80		42.5	39	38	37	34	31	29	27
CBF-5-CDL(F)16-5	5×4	5×16	56	2850	DN150	80		71	66	64	61	58	54	50	45
CBF-5-CDL(F)16-7	5×5.5	5×16	80	2850	DN150	80		99	94	92	88	83	78	71	64
CBF-5-CDL(F)16-9	5×7.5	5×16	104	2850	DN150	80		127	122	119	115	109	98	93	87

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	60	72	84	96	108	120
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	1000	1200	1400	1600	1800	2000
CBF-6-CDL(F)16-2	6×2.2	6×16	22	2850	DN150	150	H(m)	29	26	25	24	23	21	20	18
CBF-6-CDL(F)16-3	6×3	6×16	33	2850	DN150	150		42.5	39	38	37	34	31	29	27
CBF-6-CDL(F)16-5	6×4	6×16	56	2850	DN150	150		71	66	64	61	58	54	50	45
CBF-6-CDL(F)16-7	6×5.5	6×16	80	2850	DN150	150		99	94	92	88	83	78	71	64
CBF-6-CDL(F)16-9	6×7.5	6×16	104	2850	DN150	150		127	122	119	115	109	98	93	87

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	28	32	36	40	48	52	56
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	467	533	600	667	800	867	933
CBF-2-CDL(F)20-2	2×2.2	2×20	21	2850	DN80	80	H(m)	29.5	26	25	24	22.5	21	18	16	14
CBF-2-CDL(F)20-3	2×4	2×20	32	2850	DN80	80		42.5	39	38	36	34	32	27	24	21
CBF-2-CDL(F)20-5	2×5.5	2×20	55	2850	DN80	80		70.5	65	63	61	58	55	45	40	33
CBF-2-CDL(F)20-7	2×7.5	2×20	77	2850	DN80	80		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	36	42	48	54	60	72	78	84
	kW	m³/h	m	rpm		L	Q (L/min)	0	600	700	800	900	1000	1200	1300	1400
CBF-3-CDL(F)20-2	3×2.2	3×20	21	2850	DN100	80	H(m)	29.5	26	25	24	22.5	21	18	16	14
CBF-3-CDL(F)20-3	3×4	3×20	32	2850	DN100	80		42.5	39	38	36	34	32	27	24	21
CBF-3-CDL(F)20-5	3×5.5	3×20	55	2850	DN100	80		70.5	65	63	61	58	55	45	40	33
CBF-3-CDL(F)20-7	3×7.5	3×20	77	2850	DN100	80		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	56	64	72	80	96	104	112
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	933	1067	1200	1333	1600	1733	1867
CBF-4-CDL(F)20-2	4×2.2	4×20	21	2850	DN100	80	H(m)	29.5	26	25	24	22.5	21	18	16	14
CBF-4-CDL(F)20-3	4×4	4×20	32	2850	DN100	80		42.5	39	38	36	34	32	27	24	21
CBF-4-CDL(F)20-5	4×5.5	4×20	55	2850	DN100	80		70.5	65	63	61	58	55	45	40	33
CBF-4-CDL(F)20-7	4×7.5	4×20	77	2850	DN100	80		100	92	89	86	82	77	65	58	47

FREQUENCY CONVERTER PUMP

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	70	80	90	100	120	130	140
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1167	1333	1500	1667	2000	2167	2333
CBF-5-CDL(F)20-2	5×2.2	5×20	21	2850	DN150	80	H(m)	29.5	26	25	24	22.5	21	18	16	14
CBF-5-CDL(F)20-3	5×4	5×20	32	2850	DN150	80		42.5	39	38	36	34	32	27	24	21
CBF-5-CDL(F)20-5	5×5.5	5×20	55	2850	DN150	80		70.5	65	63	61	58	55	45	40	33
CBF-5-CDL(F)20-7	5×7.5	5×20	77	2850	DN150	80		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	72	84	96	108	120	144	156	168
	kW	m³/h	m	rpm		L	Q (L/min)	0	1200	1400	1600	1800	2000	2400	2600	2800
CBF-6-CDL(F)20-2	6×2.2	6×20	21	2850	DN150	150	H(m)	29.5	26	25	24	22.5	21	18	16	14
CBF-6-CDL(F)20-3	6×4	6×20	32	2850	DN150	150		42.5	39	38	36	34	32	27	24	21
CBF-6-CDL(F)20-5	6×5.5	6×20	55	2850	DN150	150		70.5	65	63	61	58	55	45	40	33
CBF-6-CDL(F)20-7	6×7.5	6×20	77	2850	DN150	150		100	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	60	80
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	1000	1333
CBF-2-CDL(F)32-20	2×4	2×32	24	2850	DN100	80	H(m)	40.5	32	26	17
CBF-2-CDL(F)32-30	2×5.5	2×32	37	2850	DN100	80		59.5	49	39	25
CBF-2-CDL(F)32-40	2×7.5	2×32	50	2850	DN100	80		78	66	53	34
CBF-2-CDL(F)32-40-2	2×7.5	2×32	44	2850	DN100	80		71	59	47	29
CBF-2-CDL(F)32-60	2×11	2×32	77	2850	DN100	80		115	101	83	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	90	120
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1500	2000
CBF-3-CDL(F)32-20	3×4	3×32	24	2850	DN150	80	H(m)	40.5	32	26	17
CBF-3-CDL(F)32-30	3×5.5	3×32	37	2850	DN150	80		59.5	49	39	25
CBF-3-CDL(F)32-40	3×7.5	3×32	50	2850	DN150	80		78	66	53	34
CBF-3-CDL(F)32-40-2	3×7.5	3×32	44	2850	DN150	80		71	59	47	29
CBF-3-CDL(F)32-60	3×11	3×32	77	2850	DN150	80		115	101	83	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	80	120	160
	kW	m³/h	m	rpm		L	Q (L/min)	0	1333	2000	2667
CBF-4-CDL(F)32-20	4×4	4×32	24	2850	DN150	100	H(m)	40.5	32	26	17
CBF-4-CDL(F)32-30	4×5.5	4×32	37	2850	DN150	100		59.5	49	39	25
CBF-4-CDL(F)32-40	4×7.5	4×32	50	2850	DN150	100		78	66	53	34
CBF-4-CDL(F)32-40-2	4×7.5	4×32	44	2850	DN150	100		71	59	47	29
CBF-4-CDL(F)32-60	4×11	4×32	77	2850	DN150	100		115	101	83	52

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	100	150	200
	kW	m³/h	m	rpm		L	Q (L/min)	0	1667	2500	3333
CBF-5-CDL(F)32-20	5×4	5×32	24	2850	DN150	150	H(m)	40.5	32	26	17
CBF-5-CDL(F)32-30	5×5.5	5×32	37	2850	DN150	150		59.5	49	39	25
CBF-5-CDL(F)32-40	5×7.5	5×32	50	2850	DN150	150		78	66	53	34
CBF-5-CDL(F)32-40-2	5×7.5	5×32	44	2850	DN150	150		71	59	47	29
CBF-5-CDL(F)32-60	5×11	5×32	77	2850	DN150	150		115	101	83	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	180	240
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	3000	4000
CBF-6-CDL(F)32-20	6×4	6×32	24	2850	DN200	200	H(m)	40.5	32	26	17
CBF-6-CDL(F)32-30	6×5.5	6×32	37	2850	DN200	200		59.5	49	39	25
CBF-6-CDL(F)32-40	6×7.5	6×32	50	2850	DN200	200		78	66	53	34
CBF-6-CDL(F)32-40-2	6×7.5	6×32	44	2850	DN200	200		71	59	47	29
CBF-6-CDL(F)32-60	6×11	6×32	77	2850	DN200	200		115	101	83	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	80	100
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1333	1667
CBF-2-CDL(F)45-20-2	2×5.5	2×45	24	2850	DN150	80	H(m)	41	38	33	27
CBF-2-CDL(F)45-20	2×7.5	2×45	37	2850	DN150	80		51	46	42	35
CBF-2-CDL(F)45-30	2×11	2×45	50	2850	DN150	80		78.5	70	63	53
CBF-2-CDL(F)45-40	2×15	2×45	44	2850	DN150	80		102	94	84	70
CBF-2-CDL(F)45-50	2×18.5	2×45	77	2850	DN150	80		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	90	120	150
	kW	m³/h	m	rpm		L	Q (L/min)	0	1500	2000	2500
CBF-3-CDL(F)45-20-2	3×5.5	3×45	24	2850	DN150	100	H(m)	41	38	33	27
CBF-3-CDL(F)45-20	3×7.5	3×45	37	2850	DN150	100		51	46	42	35
CBF-3-CDL(F)45-30	3×11	3×45	50	2850	DN150	100		78.5	70	63	53
CBF-3-CDL(F)45-40	3×15	3×45	44	2850	DN150	100		102	94	84	70
CBF-3-CDL(F)45-50	3×18.5	3×45	77	2850	DN150	100		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	160	200
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	2667	3333
CBF-4-CDL(F)45-20-2	4×5.5	4×45	24	2850	DN200	150	H(m)	41	38	33	27
CBF-4-CDL(F)45-20	4×7.5	4×45	37	2850	DN200	150		51	46	42	35
CBF-4-CDL(F)45-30	4×11	4×45	50	2850	DN200	150		78.5	70	63	53
CBF-4-CDL(F)45-40	4×15	4×45	44	2850	DN200	150		102	94	84	70
CBF-4-CDL(F)45-50	4×18.5	4×45	77	2850	DN200	150		129	118	105	88

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	200	250
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	3333	4167
CBF-5-CDL(F)45-20-2	5×5.5	5×45	24	2850	DN200	200	H(m)	41	38	33	27
CBF-5-CDL(F)45-20	5×7.5	5×45	37	2850	DN200	200		51	46	42	35
CBF-5-CDL(F)45-30	5×11	5×45	50	2850	DN200	200		78.5	70	63	53
CBF-5-CDL(F)45-40	5×15	5×45	44	2850	DN200	200		102	94	84	70
CBF-5-CDL(F)45-50	5×18.5	5×45	77	2850	DN200	200		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	180	240	300
	kW	m³/h	m	rpm		L	Q (L/min)	0	3000	4000	5000
CBF-6-CDL(F)45-20-2	6×5.5	6×45	24	2850	DN200	300	H(m)	41	38	33	27
CBF-6-CDL(F)45-20	6×7.5	6×45	37	2850	DN200	300		51	46	42	35
CBF-6-CDL(F)45-30	6×11	6×45	50	2850	DN200	300		78.5	70	63	53
CBF-6-CDL(F)45-40	6×15	6×45	44	2850	DN200	300		102	94	84	70
CBF-6-CDL(F)45-50	6×18.5	6×45	77	2850	DN200	300		129	118	105	88

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	80	100	120	128	140	160
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1333	1667	2000	2133	2333	2667
CBF-2-CDL(F)64-10	2×5.5	2×64	19	2850	DN150	80	H(m)	30	27	25	23	20	19	17	14
CBF-2-CDL(F)64-20-2	2×7.5	2×64	26	2850	DN150	80		41	37	35	32	28	26	23	17
CBF-2-CDL(F)64-20	2×11	2×64	40	2850	DN150	80		61	55	51	47	42	40	37	30
CBF-2-CDL(F)64-30-1	2×15	2×64	53	2850	DN150	80		80	73	69	63	56	53	48	39
CBF-2-CDL(F)64-30	2×18.5	2×64	60	2850	DN150	80		90	81	76	70	64	60	55	46
CBF-2-CDL(F)64-40-2	2×18.5	2×64	66	2850	DN150	80		100	92	87	80	71	66	60	49
CBF-2-CDL(F)64-40	2×22	2×64	80	2850	DN150	80		120	107	101	94	85	80	74	61
CBF-2-CDL(F)64-50-1	2×30	2×64	96	2850	DN150	80		139	128	121	112	102	96	87	71

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	90	120	150	180	192	210	240
	kW	m³/h	m	rpm		L	Q (L/min)	0	1500	2000	2500	3000	3200	3500	4000
CBF-3-CDL(F)64-10	3×5.5	3×64	19	2850	DN200	150	H(m)	30	27	25	23	20	19	17	14
CBF-3-CDL(F)64-20-2	3×7.5	3×64	26	2850	DN200	150		41	37	35	32	28	26	23	17
CBF-3-CDL(F)64-20	3×11	3×64	40	2850	DN200	150		61	55	51	47	42	40	37	30
CBF-3-CDL(F)64-30-1	3×15	3×64	53	2850	DN200	150		80	73	69	63	56	53	48	39
CBF-3-CDL(F)64-30	3×18.5	3×64	60	2850	DN200	150		90	81	76	70	64	60	55	46
CBF-3-CDL(F)64-40-2	3×18.5	3×64	66	2850	DN200	150		100	92	87	80	71	66	60	49
CBF-3-CDL(F)64-40	3×22	3×64	80	2850	DN200	150		120	107	101	94	85	80	74	61
CBF-3-CDL(F)64-50-1	3×30	3×64	96	2850	DN200	150		139	128	121	112	102	96	87	71

FREQUENCY CONVERTER PUMP

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	160	200	240	256	280	320
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	2667	3333	4000	4267	4667	5333
CBF-4-CDL(F)64-10	4×5.5	4×64	19	2850	DN200	200	H(m)	30	27	25	23	20	19	17	14
CBF-4-CDL(F)64-20-2	4×7.5	4×64	26	2850	DN200	200		41	37	35	32	28	26	23	17
CBF-4-CDL(F)64-20	4×11	4×64	40	2850	DN200	200		61	55	51	47	42	40	37	30
CBF-4-CDL(F)64-30-1	4×15	4×64	53	2850	DN200	200		80	73	69	63	56	53	48	39
CBF-4-CDL(F)64-30	4×18.5	4×64	60	2850	DN200	200		90	81	76	70	64	60	55	46
CBF-4-CDL(F)64-40-2	4×18.5	4×64	66	2850	DN200	200		100	92	87	80	71	66	60	49
CBF-4-CDL(F)64-40	4×22	4×64	80	2850	DN200	200		120	107	101	94	85	80	74	61
CBF-4-CDL(F)64-50-1	4×30	4×64	96	2850	DN200	200		139	128	121	112	102	96	87	71

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	200	250	300	320	350	400
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	3333	4167	5000	5333	5833	6667
CBF-5-CDL(F)64-10	5×5.5	5×64	19	2850	DN250	200	H(m)	30	27	25	23	20	19	17	14
CBF-5-CDL(F)64-20-2	5×7.5	5×64	26	2850	DN250	200		41	37	35	32	28	26	23	17
CBF-5-CDL(F)64-20	5×11	5×64	40	2850	DN250	200		61	55	51	47	42	40	37	30
CBF-5-CDL(F)64-30-1	5×15	5×64	53	2850	DN250	200		80	73	69	63	56	53	48	39
CBF-5-CDL(F)64-30	5×18.5	5×64	60	2850	DN250	200		90	81	76	70	64	60	55	46
CBF-5-CDL(F)64-40-2	5×18.5	5×64	66	2850	DN250	200		100	92	87	80	71	66	60	49
CBF-5-CDL(F)64-40	5×22	5×64	80	2850	DN250	200		120	107	101	94	85	80	74	61
CBF-5-CDL(F)64-50-1	5×30	5×64	96	2850	DN250	200		139	128	121	112	102	96	87	71

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	180	240	300	360	384	420	480
	kW	m³/h	m	rpm		L	Q (L/min)	0	3000	4000	5000	6000	6400	7000	8000
CBF-6-CDL(F)64-10	6×5.5	6×64	19	2850	DN250	300	H(m)	30	27	25	23	20	19	17	14
CBF-6-CDL(F)64-20-2	6×7.5	6×64	26	2850	DN250	300		41	37	35	32	28	26	23	17
CBF-6-CDL(F)64-20	6×11	6×64	40	2850	DN250	300		61	55	51	47	42	40	37	30
CBF-6-CDL(F)64-30-1	6×15	6×64	53	2850	DN250	300		80	73	69	63	56	53	48	39
CBF-6-CDL(F)64-30	6×18.5	6×64	60	2850	DN250	300		90	81	76	70	64	60	55	46
CBF-6-CDL(F)64-40-2	6×18.5	6×64	66	2850	DN250	300		100	92	87	80	71	66	60	49
CBF-6-CDL(F)64-40	6×22	6×64	80	2850	DN250	300		120	107	101	94	85	80	74	61
CBF-6-CDL(F)64-50-1	6×30	6×64	96	2850	DN250	300		139	128	121	112	102	96	87	71

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	100	140	180	200	220
	kW	m³/h	m	rpm		L	Q (L/min)	0	1667	2333	3000	3333	3667
CBF-2-CDL(F)90-10-1	2×5.5	2×90	13	2850	DN150	100	H(m)	26	22	18	13	10	6
CBF-2-CDL(F)90-10	2×7.5	2×90	19	2850	DN150	100		35	30	25	19	15	11
CBF-2-CDL(F)90-20-2	2×11	2×90	28	2850	DN150	100		49	41	36	28	22	15
CBF-2-CDL(F)90-20	2×15	2×90	40	2850	DN150	100		66	56	49	40	35	30
CBF-2-CDL(F)90-30-2	2×18.5	2×90	49	2850	DN150	100		80	68	60	49	41	33
CBF-2-CDL(F)90-30	2×22	2×90	61	2850	DN150	100		97	83	73	61	54	47
CBF-2-CDL(F)90-40	2×30	2×90	84	2850	DN150	100		128	110	100	84	75	65
CBF-2-CDL(F)90-50	2×37	2×90	107	2850	DN150	100		160	140	126	107	95	83

FREQUENCY CONVERTER PUMP

CBF-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	210	270	300	330
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	3500	4500	5000	5500
CBF-3-CDL(F)90-10-1	3×5.5	3×90	13	2850	DN200	200	H(m)	26	22	18	13	10	6
CBF-3-CDL(F)90-10	3×7.5	3×90	19	2850	DN200	200		35	30	25	19	15	11
CBF-3-CDL(F)90-20-2	3×11	3×90	28	2850	DN200	200		49	41	36	28	22	15
CBF-3-CDL(F)90-20	3×15	3×90	40	2850	DN200	200		66	56	49	40	35	30
CBF-3-CDL(F)90-30-2	3×18.5	3×90	49	2850	DN200	200		80	68	60	49	41	33
CBF-3-CDL(F)90-30	3×22	3×90	61	2850	DN200	200		97	83	73	61	54	47
CBF-3-CDL(F)90-40	3×30	3×90	84	2850	DN200	200		128	110	100	84	75	65
CBF-3-CDL(F)90-50	3×37	3×90	107	2850	DN200	200		160	140	126	107	95	83

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	200	280	360	400	440
	kW	m³/h	m	rpm		L	Q (L/min)	0	3333	4667	6000	6667	7333
CBF-4-CDL(F)90-10-1	4×5.5	4×90	13	2850	DN200	300	H(m)	26	22	18	13	10	6
CBF-4-CDL(F)90-10	4×7.5	4×90	19	2850	DN200	300		35	30	25	19	15	11
CBF-4-CDL(F)90-20-2	4×11	4×90	28	2850	DN200	300		49	41	36	28	22	15
CBF-4-CDL(F)90-20	4×15	4×90	40	2850	DN200	300		66	56	49	40	35	30
CBF-4-CDL(F)90-30-2	4×18.5	4×90	49	2850	DN200	300		80	68	60	49	41	33
CBF-4-CDL(F)90-30	4×22	4×90	61	2850	DN200	300		97	83	73	61	54	47
CBF-4-CDL(F)90-40	4×30	4×90	84	2850	DN200	300		128	110	100	84	75	65
CBF-4-CDL(F)90-50	4×37	4×90	107	2850	DN200	300		160	140	126	107	95	83

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	250	350	450	500	550
	kW	m³/h	m	rpm		L	Q (L/min)	0	4167	5833	7500	8333	9167
CBF-5-CDL(F)90-10-1	5×5.5	5×90	13	2850	DN250	300	H(m)	26	22	18	13	10	6
CBF-5-CDL(F)90-10	5×7.5	5×90	19	2850	DN250	300		35	30	25	19	15	11
CBF-5-CDL(F)90-20-2	5×11	5×90	28	2850	DN250	300		49	41	36	28	22	15
CBF-5-CDL(F)90-20	5×15	5×90	40	2850	DN250	300		66	56	49	40	35	30
CBF-5-CDL(F)90-30-2	5×18.5	5×90	49	2850	DN250	300		80	68	60	49	41	33
CBF-5-CDL(F)90-30	5×22	5×90	61	2850	DN250	300		97	83	73	61	54	47
CBF-5-CDL(F)90-40	5×30	5×90	84	2850	DN250	300		128	110	100	84	75	65
CBF-5-CDL(F)90-50	5×37	5×90	107	2850	DN250	300		160	140	126	107	95	83

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	300	420	540	600	660
	kW	m³/h	m	rpm		L	Q (L/min)	0	5000	7000	9000	10000	11000
CBF-6-CDL(F)90-10-1	6×5.5	6×90	13	2850	DN250	500	H(m)	26	22	18	13	10	6
CBF-6-CDL(F)90-10	6×7.5	6×90	19	2850	DN250	500		35	30	25	19	15	11
CBF-6-CDL(F)90-20-2	6×11	6×90	28	2850	DN250	500		49	41	36	28	22	15
CBF-6-CDL(F)90-20	6×15	6×90	40	2850	DN250	500		66	56	49	40	35	30
CBF-6-CDL(F)90-30-2	6×18.5	6×90	49	2850	DN250	500		80	68	60	49	41	33
CBF-6-CDL(F)90-30	6×22	6×90	61	2850	DN250	500		97	83	73	61	54	47
CBF-6-CDL(F)90-40	6×30	6×90	84	2850	DN250	500		128	110	100	84	75	65
CBF-6-CDL(F)90-50	6×37	6×90	107	2850	DN250	500		160	140	126	107	95	83

FREQUENCY CONVERTER PUMP

CBS-CDL(F) PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

Advanced and energy efficient pressure boosting system for boosting of clean water. Available with 2- 6 parallel connected pumps,integrated advanced controller and all necessary. Booster systems with ON/ OFF control. The sets are arranged so that,at each increase in demand by the users, one or both pumps in succession start automatically. The operation of the number of pumps necessary to satisfy the demand for water results in a marked reduction in power consumption. The electronic circuit in the control box alternates the operation of the pumps.

Max.Head
128 m

Pump Designs
Booster set.

Application Limits

Liquid temperature: 0℃ ~ + 60℃
Maximum system pressure 16 bar
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Pressure boosting
Drinking Water Distribution

USES

Clean water and chemically non- aggressive liquids. Water supply: Pressure boosting in industrial applications, blocks of flats, hotels, communities, water treatment plants, campsites, schools, hospitals, barracks, etc.
Irrigation: Playing fields in general (football, golf, etc), agriculture, artificial snow systems.

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	2.4	4	6	8
	kW	m³/h	m	rpm		L	Q (L/min)	0	40	67	100	133
CBS-2-CDL(F)3-5	2×0.37	2×3	22	2850	R 2"	24	H(m)	32	30	27	22	14
CBS-2-CDL(F)3-7	2×0.55	2×3	30.5	2850	R 2"	24		45	42	39	30.5	19.5
CBS-2-CDL(F)3-10	2×0.75	2×3	43	2850	R 2"	24		63	59	55	43	28
CBS-2-CDL(F)3-15	2×1.1	2×3	68.5	2850	R 2"	24		93	88	82	68.5	44
CBS-2-CDL(F)3-19	2×1.5	2×3	88	2850	R 2"	24		118	112	104	88	58

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	3.6	6	9	12
	kW	m³/h	m	rpm		L	Q (L/min)	0	60	100	150	200
CBS-3-CDL(F)3-5	3×0.37	3×3	22	2850	R 2"	24	H(m)	32	30	27	22	14
CBS-3-CDL(F)3-7	3×0.55	3×3	30.5	2850	R 2"	24		45	42	39	30.5	19.5
CBS-3-CDL(F)3-10	3×0.75	3×3	43	2850	R 2"	24		63	59	55	43	28
CBS-3-CDL(F)3-15	3×1.1	3×3	68.5	2850	R 2"	24		93	88	82	68.5	44
CBS-3-CDL(F)3-19	3×1.5	3×3	88	2850	R 2"	24		118	112	104	88	58

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	6.4	8	12	16
	kW	m³/h	m	rpm		L	Q (L/min)	0	80	107	133	200	267
CBS-4-CDL(F)3-5	4×0.37	4×3	22	2850	R 2 1/2"	50	H(m)	32	30	28.5	27	22	14
CBS-4-CDL(F)3-7	4×0.55	4×3	30.5	2850	R 2 1/2"	50		45	42	40.5	39	30.5	19.5
CBS-4-CDL(F)3-10	4×0.75	4×3	43	2850	R 2 1/2"	50		63	59	57	55	43	28
CBS-4-CDL(F)3-15	4×1.1	4×3	68.5	2850	R 2 1/2"	50		93	88	85	82	68.5	44
CBS-4-CDL(F)3-19	4×1.5	4×3	88	2850	R 2 1/2"	50		118	112	108	104	88	58

FREQUENCY CONVERTER PUMP

CBS-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	6	8	10	12	14	16
	kW	m³/h	m	rpm		L	Q (L/min)	0	67	100	133	167	200	233	267
CBS-2-CDL(F)5-4	2×0.55	2×5	20	2850	R 2"	24	H(m)	27	24.5	23	22.5	20	17	14	11
CBS-2-CDL(F)5-5	2×0.75	2×5	24.5	2850	R 2"	24		32	30.5	29	27	24.5	21.5	17.5	14
CBS-2-CDL(F)5-8	2×1.1	2×5	40	2850	R 2"	24		52	49	47	44	40	36	30	24
CBS-2-CDL(F)5-10	2×1.5	2×5	50	2850	R 2"	24		66	62	59	55	50	44	37	30
CBS-2-CDL(F)5-16	2×2.2	2×5	85	2850	R 2"	24		108	103	100	94	85	75	63	48

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	9	12	15	18	21	24
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	150	200	250	300	350	400
CBS-3-CDL(F)5-4	3×0.55	3×5	20	2850	R 2"	24	H(m)	27	24.5	23	22.5	20	17	14	11
CBS-3-CDL(F)5-5	3×0.75	3×5	24.5	2850	R 2"	24		32	30.5	29	27	24.5	21.5	17.5	14
CBS-3-CDL(F)5-8	3×1.1	3×5	40	2850	R 2"	24		52	49	47	44	40	36	30	24
CBS-3-CDL(F)5-10	3×1.5	3×5	50	2850	R 2"	24		66	62	59	55	50	44	37	30
CBS-3-CDL(F)5-16	3×2.2	3×5	85	2850	R 2"	24		108	103	100	94	85	75	63	48

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	8	12	16	20	24	28	32
	kW	m³/h	m	rpm		L	Q (L/min)	0	133	200	267	333	400	467	533
CBS-4-CDL(F)5-4	4×0.55	4×5	20	2850	R 2 1/2"	50	H(m)	26	24.5	23	22.5	20	17	14	11
CBS-4-CDL(F)5-5	4×0.75	4×5	24.5	2850	R 2 1/2"	50		32	30.5	29	27	24.5	21.5	17.5	14
CBS-4-CDL(F)5-8	4×1.1	4×5	40	2850	R 2 1/2"	50		52	49	47	44	40	36	30	24
CBS-4-CDL(F)5-10	4×1.5	4×5	50	2850	R 2 1/2"	50		65	62	59	55	50	44	37	30
CBS-4-CDL(F)5-16	4×2.2	4×5	85	2850	R 2 1/2"	50		108	103	100	94	85	75	63	48

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	8	12	16	20	24	28
	kW	m³/h	m	rpm		L	Q (L/min)	0	67	133	200	267	333	400	467
CBS-2-CDL(F)10-3	2×1.1	2×10	25	2850	R 2 1/2"	50	H(m)	34	33	32	31	28	25	21	16
CBS-2-CDL(F)10-4	2×1.5	2×10	32	2850	R 2 1/2"	50		44	43	42	40	37	32	27	20
CBS-2-CDL(F)10-6	2×2.2	2×10	46	2850	R 2 1/2"	50		63	62	61	58	53	46	38	28
CBS-2-CDL(F)10-9	2×3	2×10	71	2850	R 2 1/2"	50		94	93	91	87	81	71	59	42
CBS-2-CDL(F)10-12	2×4	2×10	95	2850	R 2 1/2"	50		125	123	121	117	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	12	18	24	30	36	42
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	200	300	400	500	600	700
CBS-3-CDL(F)10-3	3×1.1	3×10	25	2850	R 2 1/2"	50	H(m)	34	33	32	31	28	25	21	16
CBS-3-CDL(F)10-4	3×1.5	3×10	32	2850	R 2 1/2"	50		44	43	42	40	37	32	27	20
CBS-3-CDL(F)10-6	3×2.2	3×10	46	2850	R 2 1/2"	50		63	62	61	58	53	46	38	28
CBS-3-CDL(F)10-9	3×3	3×10	71	2850	R 2 1/2"	50		94	93	91	87	81	71	59	42
CBS-3-CDL(F)10-12	3×4	3×10	95	2850	R 2 1/2"	50		125	123	121	117	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	8	16	24	32	40	48	56
	kW	m³/h	m	rpm		L	Q (L/min)	0	133	267	400	533	667	800	933
CBS-4-CDL(F)10-3	4×1.1	4×10	25	2850	DN80	80	H(m)	34	33	32	31	28	25	21	16
CBS-4-CDL(F)10-4	4×1.5	4×10	32	2850	DN80	80		44	43	42	40	37	32	27	20
CBS-4-CDL(F)10-6	4×2.2	4×10	46	2850	DN80	80		63	62	61	58	53	46	38	28
CBS-4-CDL(F)10-9	4×3	4×10	71	2850	DN80	80		94	93	91	87	81	71	59	42
CBS-4-CDL(F)10-12	4×4	4×10	95	2850	DN80	80		125	123	121	117	108	95	78	55

FREQUENCY CONVERTER PUMP

CBS-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	10	20	30	40	60	60	70
	kW	m³/h	m	rpm		L	Q (L/min)	0	167	333	500	667	1000	1000	1157
CBS-5-CDL(F)10-3	5×1.1	5×10	25	2850	DN80	80	H(m)	34	33	32	31	28	25	21	16
CBS-5-CDL(F)10-4	5×1.5	5×10	32	2850	DN80	80		44	43	42	40	37	32	27	20
CBS-5-CDL(F)10-6	5×2.2	5×10	46	2850	DN80	80		63	62	61	58	53	46	38	28
CBS-5-CDL(F)10-9	5×3	5×10	71	2850	DN80	80		94	93	91	87	81	71	59	42
CBS-5-CDL(F)10-12	5×4	5×10	95	2850	DN80	80		125	123	121	117	108	95	78	55

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	16	20	24	28	32	36	40	40	40
	kW	m³/h	m	rpm		L	Q (L/min)	0	267	333	400	467	533	600	667	667	667
CBS-2-CDL(F)15-2	2×2.2	2 x 15	22	2850	DN80	50	H(m)	28	26	25	24	23	21	20	18	16	14
CBS-2-CDL(F)15-3	2×3	2 x 15	33	2850	DN80	50		42	39	38	37	34	31	29	27	24	20
CBS-2-CDL(F)15-5	2×4	2 x 15	56	2850	DN80	50		72	66	64	61	58	54	50	45	39	33
CBS-2-CDL(F)15-7	2×5.5	2 x 15	80	2850	DN80	50		98	94	92	88	83	78	71	64	56	50
CBS-2-CDL(F)15-9	2×7.5	2 x 15	106	2850	DN80	50		128	122	119	115	109	98	93	87	77	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	30	36	42	48	54	60	66	72
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	500	600	700	800	900	1000	1100	1200
CBS-3-CDL(F)15-2	3×2.2	3×15	22	2850	DN100	80	H(m)	28	26	25	24	23	21	20	18	16	14
CBS-3-CDL(F)15-3	3×3	3×15	33	2850	DN100	80		42	39	38	37	34	31	29	27	24	20
CBS-3-CDL(F)15-5	3×4	3×15	56	2850	DN100	80		72	66	64	61	58	54	50	45	39	33
CBS-3-CDL(F)15-7	3×5.5	3×15	80	2850	DN100	80		98	94	92	88	83	78	71	64	56	50
CBS-3-CDL(F)15-9	3×7.5	3×15	106	2850	DN100	80		128	122	119	115	109	103	95	87	77	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	32	40	48	56	64	72	80	88	96
	kW	m³/h	m	rpm		L	Q (L/min)	0	533	667	800	933	1067	1200	1333	1467	1600
CBS-4-CDL(F)15-2	4×2.2	4×15	22	2850	DN100	80	H(m)	28	26	25	24	23	21	20	18	16	14
CBS-4-CDL(F)15-3	4×3	4×15	33	2850	DN100	80		42	39	38	37	34	31	29	27	24	20
CBS-4-CDL(F)15-5	4×4	4×15	56	2850	DN100	80		72	66	64	61	58	54	50	45	39	33
CBS-4-CDL(F)15-7	4×5.5	4×15	80	2850	DN100	80		98	94	92	88	83	78	71	64	56	50
CBS-4-CDL(F)15-9	4×7.5	4×15	106	2850	DN100	80		128	122	119	115	109	103	95	87	77	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	50	60	70	80	90	100	11	120
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	833	1000	1167	1333	1500	1667	1833	2000
CBS-5-CDL(F)15-2	5×2.2	5×15	22	2850	DN150	80	H(m)	28	26	25	24	23	21	20	18	16	14
CBS-5-CDL(F)15-3	5×3	5×15	33	2850	DN150	80		42	39	38	37	34	31	29	27	24	20
CBS-5-CDL(F)15-5	5×4	5×15	56	2850	DN150	80		72	66	64	61	58	54	50	45	39	33
CBS-5-CDL(F)15-7	5×5.5	5×15	80	2850	DN150	80		98	94	92	88	83	78	71	64	56	50
CBS-5-CDL(F)15-9	5×7.5	5×15	106	2850	DN150	80		128	122	119	115	109	103	95	87	77	66

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	16	20	24	28	32	36	40	48	52	56
	kW	m³/h	m	rpm		L	Q (L/min)	0	267	333	400	467	533	600	667	800	867	933
CBS-2-CDL(F)20-2	2×2.2	2×20	21	2850	DN80	80	H(m)	29	28	27	26	25	24	22.5	21	18	16	14
CBS-2-CDL(F)20-3	2×4	2×20	32	2850	DN80	80		42	41	40	39	38	36	34	32	27	24	21
CBS-2-CDL(F)20-5	2×5.5	2×20	55	2850	DN80	80		71	68	67	65	63	61	58	55	45	40	33
CBS-2-CDL(F)20-7	2×7.5	2×20	77	2850	DN80	80		99	96	94	92	89	86	82	77	65	58	47

FREQUENCY CONVERTER PUMP

CBS-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	30	36	42	48	54	60	72	78	84
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	500	600	700	800	900	1000	1200	1300	1400
CBS-3-CDL(F)20-2	3×2.2	3×20	21	2850	DN100	80	H(m)	29	28	27	26	25	24	22.5	21	18	16	14
CBS-3-CDL(F)20-3	3×4	3×20	32	2850	DN100	80		42	41	40	39	38	36	34	32	27	24	21
CBS-3-CDL(F)20-5	3×5.5	3×20	55	2850	DN100	80		71	68	67	65	63	61	58	55	45	40	33
CBS-3-CDL(F)20-7	3×7.5	3×20	77	2850	DN100	80		99	96	94	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	32	40	48	56	64	72	80	96	104	112
	kW	m³/h	m	rpm		L	Q (L/min)	0	533	667	800	933	1067	1200	1333	1600	1733	1867
CBS-4-CDL(F)20-2	4×2.2	4×20	21	2850	DN100	80	H(m)	29	28	27	26	25	24	22.5	21	18	16	14
CBS-4-CDL(F)20-3	4×4	4×20	32	2850	DN100	80		42	41	40	39	38	36	34	32	27	24	21
CBS-4-CDL(F)20-5	4×5.5	4×20	55	2850	DN100	80		71	68	67	65	63	61	58	55	45	40	33
CBS-4-CDL(F)20-7	4×7.5	4×20	77	2850	DN100	80		99	96	94	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	50	60	70	80	90	100	120	130	140
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	833	1000	1167	1333	1500	1667	2000	2167	2333
CBS-5-CDL(F)20-2	5×2.2	5×20	21	2850	DN150	80	H(m)	29	28	27	26	25	24	22.5	21	18	16	14
CBS-5-CDL(F)20-3	5×4	5×20	32	2850	DN150	80		42	41	40	39	38	36	34	32	27	24	21
CBS-5-CDL(F)20-5	5×5.5	5×20	55	2850	DN150	80		71	68	67	65	63	61	58	55	45	40	33
CBS-5-CDL(F)20-7	5×7.5	5×20	77	2850	DN150	80		99	96	94	92	89	86	82	77	65	58	47

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	32	40	48	56	64	72	80
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	533	667	800	933	1067	1200	1333
CBS-2-CDL(F)32-20	2×4	2×32	24	2850	DN100	80	H(m)	40	36	34	32	30	27	24	21	17
CBS-2-CDL(F)32-30	2×5.5	2×32	37	2850	DN100	80		60	54	52	49	46	42	37	31	25
CBS-2-CDL(F)32-40	2×7.5	2×32	50	2850	DN100	80		78	72	69	66	62	56	50	42	34
CBS-2-CDL(F)32-60	2×11	2×32	77	2850	DN100	80		114	109	105	101	95	87	77	65	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	36	48	60	72	84	96	108	120
	kW	m³/h	m	rpm		L	Q (L/min)	0	600	800	1000	1200	1400	1600	1800	2000
CBS-3-CDL(F)32-20	3×4	3×32	24	2850	DN150	80	H(m)	40	36	34	32	30	27	24	21	17
CBS-3-CDL(F)32-30	3×5.5	3×32	37	2850	DN150	80		60	54	52	49	46	42	37	31	25
CBS-3-CDL(F)32-40	3×7.5	3×32	50	2850	DN150	80		78	72	69	66	62	56	50	42	34
CBS-3-CDL(F)32-60	3×11	3×32	77	2850	DN150	80		114	109	105	101	95	87	77	65	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	64	80	96	112	128	144	160
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	1067	1333	1600	1867	2133	2400	2667
CBS-4-CDL(F)32-20	4×4	4×32	24	2850	DN150	100	H(m)	40	36	34	32	30	27	24	21	17
CBS-4-CDL(F)32-30	4×5.5	4×32	37	2850	DN150	100		60	54	52	49	46	42	37	31	25
CBS-4-CDL(F)32-40	4×7.5	4×32	50	2850	DN150	100		78	72	69	66	62	56	50	42	34
CBS-4-CDL(F)32-60	4×11	4×32	77	2850	DN150	100		114	109	105	101	95	87	77	65	52

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	80	100	120	140	160	180	200
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1333	1667	2000	2333	2667	3000	3333
CBS-5-CDL(F)32-20	5×4	5×32	24	2850	DN150	150	H(m)	40	36	34	32	30	27	24	21	17
CBS-5-CDL(F)32-30	5×5.5	5×32	37	2850	DN150	150		60	54	52	49	46	42	37	31	25
CBS-5-CDL(F)32-40	5×7.5	5×32	50	2850	DN150	150		78	72	69	66	62	56	50	42	34
CBS-5-CDL(F)32-60	5×11	5×32	77	2850	DN150	150		114	109	105	101	95	87	77	65	52

CBS-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section

CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	75	90	105	120	135	150	165
	kW	m³/h	m	rpm		L	Q (L/min)	0	1250	1500	1750	2000	2250	2500	2750
CBS-3-CDL(F)45-20-2	3×5.5	3×45	30	2850	DN200	80	H(m)	42	40	38	36	33	30	27	23
CBS-3-CDL(F)45-20	3×7.5	3×45	39	2850	DN200	100		52	48	46	44	42	39	35	31
CBS-3-CDL(F)45-30	3×11	3×45	58	2850	DN200	100		78	72	70	67	63	58	53	45
CBS-3-CDL(F)45-40	3×15	3×45	77	2850	DN200	100		103	98	94	87	84	77	70	61
CBS-3-CDL(F)45-50	3×18.5	3×45	97	2850	DN200	100		128	123	118	112	105	97	88	77

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	100	120	140	160	180	200	220
	kW	m³/h	m	rpm		L	Q (L/min)	0	1667	2000	2333	2667	3000	3333	3667
CBS-4-CDL(F)45-20-2	4×5.5	4×45	30	2850	DN200	150	H(m)	42	40	38	36	33	30	27	23
CBS-4-CDL(F)45-20	4×7.5	4×45	39	2850	DN200	150		52	48	46	44	42	39	35	31
CBS-4-CDL(F)45-30	4×11	4×45	58	2850	DN200	150		78	72	70	67	63	58	53	45
CBS-4-CDL(F)45-40	4×15	4×45	77	2850	DN200	150		103	98	94	87	84	77	70	61
CBS-4-CDL(F)45-50	4×18.5	4×45	97	2850	DN200	150		128	123	118	112	105	97	88	77

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	125	150	175	2000	225	250	275
	kW	m³/h	m	rpm		L	Q (L/min)	0	2083	2500	2917	3333	3750	4167	4583
CBS-5-CDL(F)45-20-2	5×5.5	5×45	30	2850	DN200	150	H(m)	42	40	38	36	33	30	27	23
CBS-5-CDL(F)45-20	5×7.5	5×45	39	2850	DN200	150		52	48	46	44	42	39	35	31
CBS-5-CDL(F)45-30	5×11	5×45	58	2850	DN200	150		78	72	70	67	63	58	53	45
CBS-5-CDL(F)45-40	5×15	5×45	77	2850	DN200	150		103	98	94	87	84	77	70	61
CBS-5-CDL(F)45-50	5×18.5	5×45	97	2850	DN200	150		128	123	118	112	105	97	88	77

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	90	120	150	180	210	240
	kW	m³/h	m	rpm		L	Q (L/min)	0	1500	2000	2500	3000	3500	4000
CBS-3-CDL(F)64-10	3×5.5	3×64	19	2850	DN200	150	H(m)	30	27	25	23	20	17	14
CBS-3-CDL(F)64-20-2	3×7.5	3×64	26	2850	DN200	150		42	37	35	32	28	23	17
CBS-3-CDL(F)64-20	3×11	3×64	40	2850	DN200	150		62	55	51	47	42	37	30
CBS-3-CDL(F)64-30	3×15	3×64	53	2850	DN200	150		92	81	76	70	64	55	46
CBS-3-CDL(F)64-40-2	3×18.5	3×64	66	2850	DN200	150		100	92	87	80	71	60	49
CBS-3-CDL(F)64-40	3×22	3×64	80	2850	DN200	150		12	107	101	94	85	74	61

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	160	200	240	280	320
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	2667	3333	4000	4667	5333
CBS-4-CDL(F)64-10	4×5.5	3×64	19	2850	DN200	200	H(m)	30	27	25	23	20	17	14
CBS-4-CDL(F)64-20-2	4×7.5	3×64	26	2850	DN200	200		42	37	35	32	28	23	17
CBS-4-CDL(F)64-20	4×11	3×64	40	2850	DN200	200		62	55	51	47	42	37	30
CBS-4-CDL(F)64-30	4×15	3×64	53	2850	DN200	200		92	81	76	70	64	55	46
CBS-4-CDL(F)64-40-2	4×18.5	3×64	66	2850	DN200	200		100	92	87	80	71	60	49
CBS-4-CDL(F)64-40	4×22	3×64	80	2850	DN200	200		12	107	101	94	85	74	61

CBS-CDL(F) PRESSURE BOOSTER SYSTEM

CDL Cast iron inlet and outlet section CDLF Stainless steel inlet and outlet section

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	200	250	300	350	400
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	3333	4167	5000	5833	6667
CBS-5-CDL(F)64-10	5×5.5	5×64	19	2850	DN200	200	H(m)	30	27	25	23	20	17	14
CBS-5-CDL(F)64-20-2	5×7.5	5×64	26	2850	DN200	200		42	37	35	32	28	23	17
CBS-5-CDL(F)64-20	5×11	5×64	40	2850	DN200	200		62	55	51	47	42	37	30
CBS-5-CDL(F)64-30	5×15	5×64	53	2850	DN200	200		92	81	76	70	64	55	46
CBS-5-CDL(F)64-40-2	5×18.5	5×64	66	2850	DN200	200		100	92	87	80	71	60	49
CBS-5-CDL(F)64-40	5×22	5×64	80	2850	DN200	200		12	107	101	94	85	74	61

HIPM HIGH EFFICIENCY INVERTER MOTOR

Installation And Use

This series of products are divided into two structural forms: integrated and split, which can be used with water pump single, also can be used in a set of matching, and the size of the connecting port adopts the standard size, which is convenient for users to install. The motor is cooled by a coaxial fan, with good cooling effect and without the need for additional cooling devices.

HIPM

HPM

Performance Range

HIPM series: 1.5~15kW (3000rpm)
HPMseries: 1.5~18.5kW (3000rpm)

Applications

water pump
draught fan
comperssor
conveyor
vacuum pump
Heating Ventilation Air Conditioning

Features

High reliability, high efficiency and energy saving
Frequency conversion integrated design, small volume, light weight, simple structure and easy installation
Sensorless vector control technology
Automatically adjust the performance to meet the needs of the system, control and adjust key process parameters
Rich function, comprehensive protection motor

IE5

Model	Rated.Power	Frame size	Rated.Speed	Rated.Torque	Rated.Voltage	Rated current	Efficient	Power Factor
	kW		rpm	N.m	V	A	%	Cosφ
HIPM71-0150	1.5	71	3000	4.77	380	2.79	90.9	0.949
HIPM71-0220	2.2	71	3000	7	380	4.15	91.8	0.954
HIPM90-0300	3	90	3000	9.55	380	5.65	92.6	0.925
HIPM90-0400	4	90	3000	12.73	380	7.3	93.3	0.923
HIPM112-0550	5.5	112	3000	17.51	380	10.2	94	0.964
HIPM112-0750	7.5	112	3000	23.87	380	13.9	94.5	0.969
HIPM132-1100	11	132	3000	35.01	380	20.5	95.0	0.9
HIPM132-1500	15	132	3000	47.75	380	27	95.3	0.909

FREQUENCY CONVERTER PUMP

HIPM HIGH EFFICIENCY INVERTER MOTOR

Model	Rated.Power	Frame size	Rated.Speed	Rated.Torque	Rated.Voltage	Rated current	Efficient	Power Factor
	kW		rpm	N.m	V	A	%	Cosφ
HPM71B-2	1.5	71	3000	4.77	380	2.79	90.9	0.949
HPM71C-2	2.2	71	3000	7	380	4.15	91.8	0.954
HPM90D-2	3	90	3000	9.55	380	5.65	92.6	0.925
HPM90E-2	4	90	3000	12.73	380	7.3	93.3	0.923
HPM112G-2	5.5	112	3000	17.51	380	10.2	94	0.964
HPM112H-2	7.5	112	3000	23.87	380	13.9	94.5	0.969
HPM132J-2	11	132	3000	35.01	380	20.5	95.0	0.9
HPM132K-2	15	132	3000	47.75	380	27	95.3	0.909
HPM132L-2	18.5	132	3000	58.89	380	34.4	95.6	0.9x

HPE-CDHF-N PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

Advanced energy saving pressurization system for pressurization of clean water. Provide 2~5 parallel pumps, integrated advanced controller and necessary accessories to form a supercharging system with variable frequency speed regulating pump. The frequency converters of this series of pumps are back-to-back type. The unit maintains constant pressure by constantly adjusting the speed of the pump. By cutting in/out the required number of pumps and by parallel control of the pumps in operation, the system performance can be adapted to the requirements.

Max.Head
148 m

Pump Designs
Booster set.

Application Limits

Liquid temperature: 0℃~+60℃
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Water supply: pressurization of industrial applications, apartments, hotels, communities, water treatment plants, camps, schools, hospitals, barracks, etc
Irrigation: general playground (football, golf, etc.), agriculture, artificial snow system

USES

Ambient temperature: +5℃~+50℃;
Liquids: clean water and liquids that are not chemically corrosive
Altitude: not more than 1000 meters
Positive pressure installation: Negative pressure installation is strictly prohibited

IE5

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	3	4	5	6	7	8	9	10
	kW	m³/h	m	rpm		L	Q (L/min)	0	50	67	83	100	117	133	150	167
HPE-2-CDHF3-15	2×2.2	2×3	114	3450	R 2"	24	H(m)	135	131	126	120	114	102	91	75	57

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4.5	6	7.5	9	10.5	12	13.5	15
	kW	m³/h	m	rpm		L	Q (L/min)	0	75	100	125	150	175	200	225	250
HPE-3-CDHF3-15	3×2.2	3×3	114	3450	R 2"	24	H(m)	135	131	126	120	114	102	91	75	57

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	8	10	12	14	16	18	20
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	133	167	200	233	267	300	333
HPE-4-CDHF3-15	4×2.2	4×3	114	3450	R 2 1/2"	50	H(m)	135	131	126	120	114	102	91	75	57

FREQUENCY CONVERTER PUMP

HPE-CDHF-N PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	4	6	8	10	12	14	16	18	20
	kW	m³/h	m	rpm		L	Q (L/min)	0	67	100	133	167	200	233	267	300	333
HPE-2-CDHF5-9	2×2.2	2×5	74	3450	R 2"	24	H(m)	92	84	81	81	74	68	62	54	45	36
HPE-2-CDHF5-12	2×3	2×5	99	3450	R 2"	24		112	112	108	108	99	91	82	72	60	48
HPE-2-CDHF5-14	2×4	2×5	116	3450	R 2"	24		138	131	126	126	116	106	96	84	70	56

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	6	9	12	15	18	21	24	27	30
	kW	m³/h	m	rpm		L	Q (L/min)	0	100	150	200	250	300	350	400	450	500
HPE-3-CDHF5-9	3×2.2	3×5	74	3450	R 2"	24	H(m)	92	84	81	81	74	68	62	54	45	36
HPE-3-CDHF5-12	3×3	3×5	99	3450	R 2"	24		112	112	108	108	99	91	82	72	60	48
HPE-3-CDHF5-14	3×4	3×5	116	3450	R 2"	24		138	131	126	126	116	106	96	84	70	56

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	8	12	16	20	24	28	32	36	40
	kW	m³/h	m	rpm		L	Q (L/min)	0	133	200	267	333	400	467	533	600	667
HPE-4-CDHF5-9	4×2.2	4×5	74	3450	R 2 1/2"	50	H(m)	92	84	81	81	74	68	62	54	45	36
HPE-4-CDHF5-12	4×3	4×5	99	3450	R 2 1/2"	50		112	112	108	108	99	91	82	72	60	48
HPE-4-CDHF5-14	4×4	4×5	116	3450	R 2 1/2"	50		138	131	126	126	116	106	96	84	70	56

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	14	16	18	20	22	24	26	28	30	32
	kW	m³/h	m	rpm		L	Q (L/min)	0	233	267	300	333	367	400	433	467	500	533
HPE-2-CDHF10-3	2×2.2	2×10	38	3450	R 2 1/2"	50	H(m)	52	43	41	40	38	36	35	33	30	28	24
HPE-2-CDHF10-5	2×3	2×10	64	3450	R 2 1/2"	50		80	71	69	67	64	60	58	55	50	46	40
HPE-2-CDHF10-6	2×4	2×10	77	3450	R 2 1/2"	50		92	82	82	80	77	73	70	66	60	56	48
HPE-2-CDHF10-9	2×5.5	2×10	115	3450	R 2 1/2"	50		132	128	124	120	115	109	106	99	90	84	72

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	21	24	27	30	33	36	39	42	45	48
	kW	m³/h	m	rpm		L	Q (L/min)	0	350	400	450	500	550	600	650	700	750	800
HPE-3-CDHF10-3	3×2.2	3×10	38	3450	DN80	50	H(m)	52	43	41	40	38	36	35	33	30	28	24
HPE-3-CDHF10-5	3×3	3×10	64	3450	DN80	50		80	71	69	67	64	60	58	55	50	46	40
HPE-3-CDHF10-6	3×4	3×10	77	3450	DN80	50		92	82	82	80	77	73	70	66	60	56	48
HPE-3-CDHF10-9	3×5.5	3×10	115	3450	DN80	50		132	128	124	120	115	109	106	99	90	84	72

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	28	32	36	40	44	48	52	56	60	64
	kW	m³/h	m	rpm		L	Q (L/min)	0	467	533	600	667	733	800	867	933	1000	1067
HPE-4-CDHF10-3	4×2.2	4×10	38	3450	DN80	80	H(m)	52	43	41	40	38	36	35	33	30	28	24
HPE-4-CDHF10-5	4×3	4×10	64	3450	DN80	80		80	71	69	67	64	60	58	55	50	46	40
HPE-4-CDHF10-6	4×4	4×10	77	3450	DN80	80		92	82	82	80	77	73	70	66	60	56	48
HPE-4-CDHF10-9	4×5.5	4×10	115	3450	DN80	80		132	128	124	120	115	109	106	99	90	84	72

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	35	40	45	50	55	60	65	70	75	80
	kW	m³/h	m	rpm		L	Q (L/min)	0	583	667	750	833	917	1000	1083	1167	1250	1333
HPE-5-CDHF10-3	3×2.2	3×10	38	3450	DN80	50	H(m)	52	43	41	40	38	36	35	33	30	28	24
HPE-5-CDHF10-5	3×3	3×10	64	3450	DN80	50		80	71	69	67	64	60	58	55	50	46	40
HPE-5-CDHF10-6	3×4	3×10	77	3450	DN80	50		92	82	82	80	77	73	70	66	60	56	48
HPE-5-CDHF10-9	3×5.5	3×10	115	3450	DN80	50		132	128	124	120	115	109	106	99	90	84	72

FREQUENCY CONVERTER PUMP

HPE-CDHF-N PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	20	24	28	32	36	40	44	48	52
	kW	m³/h	m	rpm		L	Q (L/min)	0	333	400	467	533	600	667	733	800	867
HPE-2-CDHF15-2	2×3	2×15	34	3450	DN80	50	H(m)	40	36.5	36	35	33	32	30	27	25	21
HPE-2-CDHF15-3	2×4	2×15	51.5	3450	DN80	50		62	55	54	52	50	48	45	41	37	32
HPE-2-CDHF15-4	2×5.5	2×15	69	3450	DN80	50		85	73	72	70	66	64	60	55	49	42
HPE-2-CDHF15-5	2×7.5	2×15	86	3450	DN80	50		106	92	89	87	83	80	74	69	62	53
HPE-2-CDHF15-7	2×11	2×15	120	3450	DN80	50		145	128	125	122	117	112	104	97	86	74

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	30	36	42	48	54	60	66	72	78
	kW	m³/h	m	rpm		L	Q (L/min)	0	500	600	700	800	900	1000	1100	1200	1300
HPE-3-CDHF15-2	3×3	3×15	34	3450	DN100	80	H(m)	40	36.5	36	35	33	32	30	27	25	21
HPE-3-CDHF15-3	3×4	3×15	51.5	3450	DN100	80		62	55	54	52	50	48	45	41	37	32
HPE-3-CDHF15-4	3×5.5	3×15	69	3450	DN100	80		85	73	72	70	66	64	60	55	49	42
HPE-3-CDHF15-5	3×7.5	3×15	86	3450	DN100	80		106	92	89	87	83	80	74	69	62	53
HPE-3-CDHF15-7	3×11	3×15	120	3450	DN100	80		145	128	125	122	117	112	104	97	86	74

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	48	56	64	72	80	88	96	104
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	800	933	1067	1200	1333	1467	1600	1733
HPE-4-CDHF15-2	4×3	4×15	34	3450	DN100	80	H(m)	40	36.5	36	35	33	32	30	27	25	21
HPE-4-CDHF15-3	4×4	4×15	51.5	3450	DN100	80		62	55	54	52	50	48	45	41	37	32
HPE-4-CDHF15-4	4×5.5	4×15	69	3450	DN100	80		85	73	72	70	66	64	60	55	49	42
HPE-4-CDHF15-5	4×7.5	4×15	86	3450	DN100	80		106	92	89	87	83	80	74	69	62	53
HPE-4-CDHF15-7	4×11	4×15	120	3450	DN100	80		145	128	125	122	117	112	104	97	86	74

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	50	60	70	80	90	100	110	120	130
	kW	m³/h	m	rpm		L	Q (L/min)	0	833	1000	1167	1333	1500	1667	1833	2000	2167
HPE-5-CDHF15-2	5×3	5×15	34	3450	DN150	80	H(m)	40	36.5	36	35	33	32	30	27	25	21
HPE-5-CDHF15-3	5×4	5×15	51.5	3450	DN150	80		62	55	54	52	50	48	45	41	37	32
HPE-5-CDHF15-4	5×5.5	5×15	69	3450	DN150	80		85	73	72	70	66	64	60	55	49	42
HPE-5-CDHF15-5	5×7.5	5×15	86	3450	DN150	80		106	92	89	87	83	80	74	69	62	53
HPE-5-CDHF15-7	5×11	5×15	120	3450	DN150	80		145	128	125	122	117	112	104	97	86	74

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	24	32	40	48	56	64	68
	kW	m³/h	m	rpm		L	Q (L/min)	0	400	533	667	800	933	1067	1133
HPE-2-CDHF20-1	2×2.2	2×20	17	3450	DN80	80	H(m)	27	19	18	17	15	13	11	8.5
HPE-2-CDHF20-2	2×4	2×20	34	3450	DN80	80		50	37	36	34	30	26	22	17
HPE-2-CDHF20-3	2×5.5	2×20	50	3450	DN80	80		70	56	54	50	45	38	31	25
HPE-2-CDHF20-4	2×7.5	2×20	67	3450	DN80	80		90	75	72	67	60	51	42	34
HPE-2-CDHF20-6	2×11	2×20	100	3450	DN80	80		128	113	108	100	90	77	63	51
HPE-2-CDHF20-7	2×15	2×20	117	3450	DN80	80		148	132	126	117	105	90	73	60

FREQUENCY CONVERTER PUMP

HPE-CDHF-N PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	36	48	60	72	84	96	102
	kW	m³/h	m	rpm		L	Q (L/min)	0	600	800	1000	1200	1400	1600	1700
HPE-3-CDHF20-1	3×2.2	3×20	17	3450	DN100	80	H(m)	27	19	18	17	15	13	11	8.5
HPE-3-CDHF20-2	3×4	3×20	34	3450	DN100	80		50	37	36	34	30	26	22	17
HPE-3-CDHF20-3	3×5.5	3×20	50	3450	DN100	80		70	56	54	50	45	38	31	25
HPE-3-CDHF20-4	3×7.5	3×20	67	3450	DN100	80		90	75	72	67	60	51	42	34
HPE-3-CDHF20-6	3×11	3×20	100	3450	DN100	80		128	113	108	100	90	77	63	51
HPE-3-CDHF20-7	3×15	3×20	117	3450	DN100	80		148	132	126	117	105	90	73	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	48	64	80	96	112	124	136
	kW	m³/h	m	rpm		L	Q (L/min)	0	800	1067	1333	1600	1867	2133	2267
HPE-4-CDHF20-1	4×2.2	4×20	17	3450	DN100	80	H(m)	27	19	18	17	15	13	11	8.5
HPE-4-CDHF20-2	4×4	4×20	34	3450	DN100	80		50	37	36	34	30	26	22	17
HPE-4-CDHF20-3	4×5.5	4×20	50	3450	DN100	80		70	56	54	50	45	38	31	25
HPE-4-CDHF20-4	4×7.5	4×20	67	3450	DN100	80		90	75	72	67	60	51	42	34
HPE-4-CDHF20-6	4×11	4×20	100	3450	DN100	80		128	113	108	100	90	77	63	51
HPE-4-CDHF20-7	4×15	4×20	117	3450	DN100	80		148	132	126	117	105	90	73	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	80	100	120	140	160	170
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1333	1667	2000	2333	2667	2833
HPE-5-CDHF20-1	5×2.2	5×20	17	3450	DN150	80	H(m)	27	19	18	17	15	13	11	8.5
HPE-5-CDHF20-2	5×4	5×20	34	3450	DN150	80		50	37	36	34	30	26	22	17
HPE-5-CDHF20-3	5×5.5	5×20	50	3450	DN150	80		70	56	54	50	45	38	31	25
HPE-5-CDHF20-4	5×7.5	5×20	67	3450	DN150	80		90	75	72	67	60	51	42	34
HPE-5-CDHF20-6	5×11	5×20	100	3450	DN150	80		128	113	108	100	90	77	63	51
HPE-5-CDHF20-7	5×15	5×20	117	3450	DN150	80		148	132	126	117	105	90	73	60

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	40	48	56	64	72	80	88	96
	kW	m³/h	m	rpm		L	Q (L/min)	0	667	800	933	1067	1200	1333	1467	1600
HPE-2-CDHF32-10-1	2×2.2	2×32	17	3450	DN100	80	H(m)	22	20	19	18	17	16	15	13	11
HPE-2-CDHF32-10	2×3	2×32	22	3450	DN100	80		30	26	25	24	22	21	19	18	15
HPE-2-CDHF32-20	2×7.5	2×32	45	3450	DN100	80		55	50	49	47	45	42	39	35	31
HPE-2-CDHF32-40-2	2×11	2×32	73	3450	DN100	80		95	87	82	78	73	66	59	51	44
HPE-2-CDHF32-50-2	2×15	2×32	95	3450	DN100	80		124	113	109	103	95	86	75	64	51

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	72	84	96	108	120	132	144
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1200	1400	1600	1800	2000	2200	2400
HPE-3-CDHF32-10-1	3×2.2	3×32	17	3450	DN150	80	H(m)	22	20	19	18	17	16	15	13	11
HPE-3-CDHF32-10	3×3	3×32	22	3450	DN150	80		30	26	25	24	22	21	19	18	15
HPE-3-CDHF32-20	3×7.5	3×32	45	3450	DN150	80		55	50	49	47	45	42	39	35	31
HPE-3-CDHF32-40-2	3×11	3×32	73	3450	DN150	80		95	87	82	78	73	66	59	51	44
HPE-3-CDHF32-50-2	3×15	3×32	95	3450	DN150	80		124	113	109	103	95	86	75	64	51

FREQUENCY CONVERTER PUMP

HPE-CDHF-N PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	80	96	112	128	144	160	176	192
	kW	m³/h	m	rpm		L	Q (L/min)	0	1333	1600	1867	2133	2400	2667	2933	3200
HPE-4-CDHF32-10-1	4×2.2	4×32	17	3450	DN150	100	H(m)	22	20	19	18	17	16	15	13	11
HPE-4-CDHF32-10	4×3	4×32	22	3450	DN150	100		30	26	25	24	22	21	19	18	15
HPE-4-CDHF32-20	4×7.5	4×32	45	3450	DN150	100		55	50	49	47	45	42	39	35	31
HPE-4-CDHF32-40-2	4×11	4×32	73	3450	DN150	100		95	87	82	78	73	66	59	51	44
HPE-4-CDHF32-50-2	4×15	4×32	95	3450	DN150	100		124	113	109	103	95	86	75	64	51

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	100	120	140	160	180	200	220	240
	kW	m³/h	m	rpm		L	Q (L/min)	0	1667	2000	2333	2667	3000	3333	3667	4000
HPE-5-CDHF32-10-1	5×2.2	5×32	17	3450	DN150	150	H(m)	22	20	19	18	17	16	15	13	11
HPE-5-CDHF32-10	5×3	5×32	22	3450	DN150	150		30	26	25	24	22	21	19	18	15
HPE-5-CDHF32-20	5×7.5	5×32	45	3450	DN150	150		55	50	49	47	45	42	39	35	31
HPE-5-CDHF32-40-2	5×11	5×32	73	3450	DN150	150		95	87	82	78	73	66	59	51	44
HPE-5-CDHF32-50-2	5×15	5×32	95	3450	DN150	150		124	113	109	103	95	86	75	64	51

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	70	80	90	100	110	120	130
	kW	m³/h	m	rpm		L	Q (L/min)	0	1000	1167	1333	1500	1667	1833	2000	2167
HPE-2-CDHF45-10-1	2×5.5	2×45	25	3450	DN150	80	H(m)	32	29	28	27	25	23	21	19	16
HPE-2-CDHF45-10	2×7.5	2×45	30	3450	DN150	80		38	34	33	32	30	29	27	25	22
HPE-2-CDHF45-20-2	2×11	2×45	49	3450	DN150	80		60	57	55	53	49	46	43	38	33
HPE-2-CDHF45-20	2×15	2×45	61	3450	DN150	80		72	69	67	65	61	59	55	50	44

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	90	105	120	135	150	165	180	195
	kW	m³/h	m	rpm		L	Q (L/min)	0	1500	1750	2000	2250	2500	2750	3000	3250
HPE-3-CDHF45-10-1	3×5.5	3×45	25	3450	DN200	100	H(m)	32	29	28	27	25	23	21	19	16
HPE-3-CDHF45-10	3×7.5	3×45	30	3450	DN200	100		38	34	33	32	30	29	27	25	22
HPE-3-CDHF45-20-2	3×11	3×45	49	3450	DN200	100		60	57	55	53	49	46	43	38	33
HPE-3-CDHF45-20	3×15	3×45	61	3450	DN200	100		72	69	67	65	61	59	55	50	44

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	140	160	180	200	220	240	260
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	2333	2667	3000	3333	3667	4000	4333
HPE-4-CDHF45-10-1	4×5.5	4×45	25	3450	DN200	150	H(m)	32	29	28	27	25	23	21	19	16
HPE-4-CDHF45-10	4×7.5	4×45	30	3450	DN200	150		38	34	33	32	30	29	27	25	22
HPE-4-CDHF45-20-2	4×11	4×45	49	3450	DN200	150		60	57	55	53	49	46	43	38	33
HPE-4-CDHF45-20	4×15	4×45	61	3450	DN200	150		72	69	67	65	61	59	55	50	44

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	150	175	200	225	250	275	300	325
	kW	m³/h	m	rpm		L	Q (L/min)	0	2500	2917	3333	3750	4167	4583	5000	5417
HPE-5-CDHF45-10-1	5×5.5	5×45	25	3450	DN200	200	H(m)	32	29	28	27	25	23	21	19	16
HPE-5-CDHF45-10	5×7.5	5×45	30	3450	DN200	200		38	34	33	32	30	29	27	25	22
HPE-5-CDHF45-20-2	5×11	5×45	49	3450	DN200	200		60	57	55	53	49	46	43	38	33
HPE-5-CDHF45-20	5×15	5×45	61	3450	DN200	200		72	69	67	65	61	59	55	50	44

FREQUENCY CONVERTER PUMP

HPE-CDHF-N PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	80	100	120	140	160	180	200
	kW	m³/h	m	rpm		L	Q (L/min)	0	1333	1667	2000	2333	2667	3000	3333
HPE-2-CDHF64-10-1	2×7.5	2×64	22	3450	DN150	80	H(m)	30	26	25	23	21	18	14	10
HPE-2-CDHF64-10	2×11	2×64	32	3450	DN150	80		42	37	35	33	31	28	24	21
HPE-2-CDHF64-20-2	2×15	2×64	44	3450	DN150	80		57	53	50	47	42	37	31	23

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	120	150	180	210	240	270	300
	kW	m³/h	m	rpm		L	Q (L/min)	0	2000	2500	3000	3500	4000	4500	5000
HPE-3-CDHF64-10-1	3×7.5	3×64	22	3450	DN200	150	H(m)	30	26	25	23	21	18	14	10
HPE-3-CDHF64-10	3×11	3×64	32	3450	DN200	150		42	37	35	33	31	28	24	21
HPE-3-CDHF64-20-2	3×15	3×64	44	3450	DN200	150		57	53	50	47	42	37	31	23

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	160	200	240	280	320	360	400
	kW	m³/h	m	rpm		L	Q (L/min)	0	2667	3333	4000	4667	5333	6000	6667
HPE-4-CDHF64-10-1	4×7.5	4×64	22	3450	DN200	200	H(m)	30	26	25	23	21	18	14	10
HPE-4-CDHF64-10	4×11	4×64	32	3450	DN200	200		42	37	35	33	31	28	24	21
HPE-4-CDHF64-20-2	4×15	4×64	44	3450	DN200	200		57	53	50	47	42	37	31	23

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	200	250	300	350	400	450	500
	kW	m³/h	m	rpm		L	Q (L/min)	0	3333	4167	5000	5833	6667	7500	8333
HPE-5-CDHF64-10-1	5×7.5	5×64	22	3450	DN250	200	H(m)	30	26	25	23	21	18	14	10
HPE-5-CDHF64-10	5×11	5×64	32	3450	DN250	200		42	37	35	33	31	28	24	21
HPE-5-CDHF64-20-2	5×15	5×64	44	3450	DN250	200		57	53	50	47	42	37	31	23

CBE-2-CH(L/J/T/I) PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

Advanced energy saving pressurization system for pressurization of clean water. Provide 2 parallel pumps, integrated advanced controller and necessary accessories to form a supercharging system with variable frequency speed regulating pump. The unit maintains constant pressure by constantly adjusting the speed of the pump. By cutting in/out the required number of pumps and by parallel control of the pumps in operation, the system performance can be adapted to the requirements.

CBE-CHL CBE-CHJ CBE-CHT CBE-CHI

Max.Head 52 m

Pump Designs Booster set.

Application Limits

Liquid temperature: +15℃ ~ +70℃
Maximum system pressure 10 bar
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Water supply: pressurization of industrial applications, apartments, hotels, communities, water treatment plants, camps, schools, hospitals, barracks, etc
Irrigation: general playground (football, golf, etc.), agriculture, artificial snow system

USES

Ambient temperature: +5℃ ~+50℃;
Liquids: clean water and liquids that are not chemically corrosive
Altitude: not more than 1000 meters
Positive pressure installation: Negative pressure installation is strictly prohibited

CBE-2-CH(L/J/T/I) PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	4	6	8	10	12	14	16	18	20
	kW	m³/h	m	rpm		Q (L/min)	67	100	133	167	200	233	267	300	333
CBE-2-CHL4-20T	0.55	2*4	15	2900	2 1/2"x2"	H(m)	18	16	15	13	10	7	/	/	/
CBE-2-CHL4-30T	0.75	2*4	22	2900	2 1/2"x2"		27	25	22	19	15	10	/	/	/
CBE-2-CHL4-40T	0.75	2*4	30	2900	2 1/2"x2"		36	33	30	26	20	13	/	/	/
CBE-2-CHL4-50T	1	2*4	38	2900	2 1/2"x2"		44	41	38	32	26	20	/	/	/
CBE-2-CHL4-60T	1	2*4	45	2900	2 1/2"x2"		53	50	45	40	33	24	/	/	/
CBE-2-CHL8-10ST	0.55	2*8	12	2900	2 1/2"x2 1/2"		/	/	15	14	13	12.5	12	9	8
CBE-2-CHL8-15ST	0.75	2*8	20	2900	2 1/2"x2 1/2"		/	/	25	23	22	21	20	14	12
CBE-2-CHL8-20ST	1	2*8	24	2900	2 1/2"x2 1/2"		/	/	32	29	27	25	24	21	17
CBE-2-CHL8-25ST	1.5	2*8	27	2900	2 1/2"x2 1/2"		/	/	43	40	38	34	27	25	20
CBE-2-CHL8-30ST	1.85	2*8	36	2900	2 1/2"x2 1/2"		/	/	50	46	44	40	36	30	26
CBE-2-CHL8-35ST	2.2	2*8	43	2900	2 1/2"x2 1/2"		/	/	56	51	48	44	43	35	28
CBE-2-CHL8-40ST	2.2	2*8	48	2900	2 1/2"x2 1/2"		/	/	65	58	57	50	48	42	34

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	8	12	16	20	24	28	32
	kW	m³/h	m	rpm		Q (L/min)	133	200	267	333	400	467	533
CBE-2-CHL8-10T	0.55	2*8	9	2900	2 1/2"x2 1/2"	H(m)	11	10	9	8	7	6	5
CBE-2-CHL8-20T	0.75	2*8	19	2900	2 1/2"x2 1/2"		22	20	19	18	13	11	8
CBE-2-CHL8-30T	1.1	2*8	26	2900	2 1/2"x2 1/2"		31	29	26	24	20	16	11
CBE-2-CHL8-40T	1.5	2*8	37	2900	2 1/2"x2 1/2"		41	39	37	33	26	23	17
CBE-2-CHL8-50T	2.2	2*8	46.5	2900	2 1/2"x2 1/2"		51	49	47	42	37	30	23
CBE-2-CHL12-10ST	1	2*12	13.5	2900	2 1/2"x2 1/2"		/	19	18	16	14	11	/
CBE-2-CHL12-15ST	1.5	2*12	20	2900	2 1/2"x2 1/2"		/	28	26	24	20	15	/
CBE-2-CHL12-20ST	1.85	2*12	28	2900	2 1/2"x2 1/2"		/	38	35	31	28	20	/
CBE-2-CHL12-25ST	2.2	2*12	33.5	2900	2 1/2"x2 1/2"		/	47	43	39	34	27	/
CBE-2-CHL12-30ST	3	2*12	39	2900	2 1/2"x2 1/2"		/	54	50	45	39	30	/

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	16	20	24	28	32	40	48
	kW	m³/h	m	rpm		Q (L/min)	267	333	400	467	533	667	800
CBE-2-CHL12-10T	0.75	2*12	9.5	2900	2 1/2"x2 1/2"	H(m)	11.5	10.5	9.5	8	6	/	/
CBE-2-CHL12-20T	1.1	2*12	19.5	2900	2 1/2"x2 1/2"		22.5	21	19.5	17	13	/	/
CBE-2-CHL12-30T	1.85	2*12	29.5	2900	2 1/2"x2 1/2"		34.5	32.5	29.5	26	20	/	/
CBE-2-CHL12-40T	2.2	2*12	39.5	2900	2 1/2"x2 1/2"		46	43.5	39.5	35	27.5	/	/
CBE-2-CHL12-50T	3	2*12	50	2900	2 1/2"x2 1/2"		58	55	50	44	35	/	/
CBE-2-CHL16-10T	1	2*16	10	2900	DN80xDN80		12	11.5	11	10.5	10	8	6
CBE-2-CHL16-20T	1.5	2*16	20	2900	DN80xDN80		24	23	22	21	20	16	12
CBE-2-CHL16-30T	2.2	2*16	30	2900	DN80xDN80		38	36	34	33	30	26	20
CBE-2-CHL20-10T	1	2*20	10.5	2900	DN80xDN80		/	13	12.5	12	11.5	10.5	9
CBE-2-CHL20-20T	1.85	2*20	20	2900	DN80xDN80		/	25	24	23	22	20	16
CBE-2-CHL20-30T	3	2*20	31.5	2900	DN80xDN80		/	39	38	36	35	31.5	27

CBE-2-CH(L/J/T/I) PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	4	6	8	10	12	14	16	18	20
	kW	m³/h	m	rpm		Q (L/min)	67	100	133	167	200	233	267	300	333
CBE-2-CHJ4-20T	0.55	2*4	15	2900	2 1/2"x2"	H(m)	18	16	15	13	10	7	/	/	/
CBE-2-CHJ4-30T	0.75	2*4	22	2900	2 1/2"x2"		27	25	22	19	15	10	/	/	/
CBE-2-CHJ4-40T	0.75	2*4	30	2900	2 1/2"x2"		36	33	30	26	20	13	/	/	/
CBE-2-CHJ4-50T	1	2*4	38	2900	2 1/2"x2"		44	41	38	32	26	20	/	/	/
CBE-2-CHJ4-60T	1.1	2*4	45	2900	2 1/2"x2"		53	50	45	40	33	24	/	/	/
CBE-2-CHJ8-10ST	0.55	2*8	12	2900	2 1/2"x2 1/2"		/	/	15	14	13	12.5	12	9	8
CBE-2-CHJ8-15ST	0.75	2*8	20	2900	2 1/2"x2 1/2"		/	/	25	23	22	21	20	14	12
CBE-2-CHJ8-20ST	1	2*8	24	2900	2 1/2"x2 1/2"		/	/	32	29	27	25	24	21	17
CBE-2-CHJ8-25ST	1.5	2*8	27	2900	2 1/2"x2 1/2"		/	/	43	40	38	34	27	25	20
CBE-2-CHJ8-30ST	1.85	2*8	36	2900	2 1/2"x2 1/2"		/	/	50	46	44	40	36	30	26
CBE-2-CHJ8-35ST	2.2	2*8	43	2900	2 1/2"x2 1/2"		/	/	56	51	48	44	43	35	28
CBE-2-CHJ8-40ST	2.2	2*8	48	2900	2 1/2"x2 1/2"		/	/	65	57.5	57	50	48	42	34

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	8	12	16	20	24	28	32	40	48	56
	kW	m³/h	m	rpm		Q (L/min)	133	200	267	333	400	467	533	667	800	933
CBE-2-CHJ8-10T	0.55	2*8	9	2900	2 1/2"x2 1/2"	H(m)	11	10	9	8	7	6	5	/	/	/
CBE-2-CHJ8-20T	0.75	2*8	19	2900	2 1/2"x2 1/2"		22	20	19	18	13	11	8	/	/	/
CBE-2-CHJ8-30T	1.1	2*8	26	2900	2 1/2"x2 1/2"		31	29	26	24	20	16	11	/	/	/
CBE-2-CHJ8-40T	1.5	2*8	37	2900	2 1/2"x2 1/2"		41	39	37	33	28	23	17	/	/	/
CBE-2-CHJ8-50T	2.2	2*8	46.5	2900	2 1/2"x2 1/2"		51	49	46.5	42	37	30	23	/	/	/
CBE-2-CHJ8-60T	3	2*8	13.5	2900	2 1/2"x2 1/2"		62	58	52	48	42	36	30	/	/	/
CBE-2-CHJ12-10ST	1	2*12	20	2900	2 1/2"x2 1/2"		/	19	17.5	15.5	13.5	10.5	/	/	/	/
CBE-2-CHJ12-15ST	1.5	2*12	28	2900	2 1/2"x2 1/2"		/	28	26	24	20	15	/	/	/	/
CBE-2-CHJ12-20ST	1.85	2*12	33.5	2900	2 1/2"x2 1/2"		/	38	35	31	28	20	/	/	/	/
CBE-2-CHJ12-25ST	2.2	2*12	39	2900	2 1/2"x2 1/2"		/	47	43	39	33.5	27	/	/	/	/
CBE-2-CHJ12-30ST	3	2*12	9.5	2900	2 1/2"x2 1/2"		/	53.5	50	45	39	30	/	/	/	/
CBE-2-CHJ12-10T	0.75	2*12	19.5	2900	2 1/2"x2 1/2"		/	/	11.5	10.5	9.5	8	6	/	/	/
CBE-2-CHJ12-20T	1.1	2*12	29.5	2900	2 1/2"x2 1/2"		/	/	22.5	21	19.5	17	13	/	/	/
CBE-2-CHJ12-30T	1.85	2*12	39.5	2900	2 1/2"x2 1/2"		/	/	34.5	32.5	29.5	26	20	/	/	/
CBE-2-CHJ12-40T	2.2	2*12	50	2900	2 1/2"x2 1/2"		/	/	46	43.5	39.5	35	27.5	/	/	/
CBE-2-CHJ12-50T	3	2*12	10	2900	2 1/2"x2 1/2"		/	/	58	55	50	44	35	/	/	/

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	16	20	24	28	32	40	48	56
	kW	m³/h	m	rpm		Q (L/min)	267	333	400	467	533	667	800	933
CBE-2-CHJ16-10T	1	2*16	20	2900	DN80xDN80	H(m)	12	11.5	11	10.5	10	8	6	/
CBE-2-CHJ16-20T	1.5	2*16	30	2900	DN80xDN80		24	23	22	21	20	16	12	/
CBE-2-CHJ16-30T	2.2	2*16	10.5	2900	DN80xDN80		38	36	34	33	30	26	20	/
CBE-2-CHJ16-40T	3	2*16	20	2900	DN80xDN80		50	48	46	44	40	36	28	/
CBE-2-CHJ20-10T	1	2*20	31.5	2900	DN80xDN80		/	13	12.5	12	11.5	10.5	9	7.5
CBE-2-CHJ20-20T	1.85	2*20	15	2900	DN80xDN80		/	25	24	23	22	20	16	12
CBE-2-CHJ20-30T	3	2*20	22	2900	DN80xDN80		/	39	38	36	35	31.5	27	21
CBE-2-CHJ20-40T	4	2*20	30	2900	DN80xDN80		/	50	48	46	44	40	32	24

FREQUENCY CONVERTER PUMP

CBE-2-CH(L/J/T/I) PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	2	4	6	8	10	12
	kW	m³/h	m	rpm		Q (L/min)	33	67	100	133	167	200
CBE-2-CHT4-20T	0.55	2*4	38	2900	2 1/2"x2"	H(m)	14.5	13	12	10	8	5
CBE-2-CHT4-30T	0.75	2*4	45	2900	2 1/2"x2"		23	21	19	17	14	8
CBE-2-CHT4-40T	0.75	2*4	12	2900	2 1/2"x2"		28	26	24	21	18	14
CBE-2-CHT4-50T	1	2*4	20	2900	2 1/2"x2"		36	34	30	26	22	16
CBE-2-CHT4-60T	1.1	2*4	24	2900	2 1/2"x2"		41	36	32	29	24	18

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	8	12	16	20	24	28	32	40	48
	kW	m³/h	m	rpm		Q (L/min)	133	200	267	333	400	467	533	667	800
CBE-2-CHT8-10T	0.55	2x8	9	2900	2 1/2"x2 1/2"	H(m)	11	10	9	8	7	6	5	/	/
CBE-2-CHT8-20T	0.75	2x8	19	2900	2 1/2"x2 1/2"		22	20	19	18	13	11	8	/	/
CBE-2-CHT8-30T	1.1	2x8	26	2900	2 1/2"x2 1/2"		31	29	26	24	20	16	11	/	/
CBE-2-CHT8-40T	1.5	2x8	37	2900	2 1/2"x2 1/2"		41	39	37	33	28	23	17	/	/
CBE-2-CHT8-50T	2.2	2x8	46.5	2900	2 1/2"x2 1/2"		51	49	46.5	42	37	30	23	/	/
CBE-2-CHT8-60T	3	2x8	52	2900	2 1/2"x2 1/2"		62	58	52	48	42	36	30	/	/
CBE-2-CHT8-10ST	0.55	2x8	12	2900	2 1/2"x2 1/2"		15	13	12	8	/	/	/	/	/
CBE-2-CHT8-15ST	0.75	2x8	20	2900	2 1/2"x2 1/2"		25	22	20	12	/	/	/	/	/
CBE-2-CHT8-20ST	1	2x8	24	2900	2 1/2"x2 1/2"		32	27	24	17	/	/	/	/	/
CBE-2-CHT8-25ST	1.5	2x8	27	2900	2 1/2"x2 1/2"		43	38	27	20	/	/	/	/	/
CBE-2-CHT8-30ST	1.85	2x8	36	2900	2 1/2"x2 1/2"		50	44	36	26	/	/	/	/	/
CBE-2-CHT8-35ST	2.2	2x8	43	2900	2 1/2"x2 1/2"		56	48	43	28	/	/	/	/	/
CBE-2-CHT8-40ST	2.2	2x8	48	2900	2 1/2"x2 1/2"		65	57	48	34	/	/	/	/	/
CBE-2-CHT12-10T	0.75	2x12	9.5	2900	2 1/2"x2 1/2"		/	/	11.5	10.5	9.5	8	6	/	/
CBE-2-CHT12-20T	1.1	2x12	19.5	2900	2 1/2"x2 1/2"		/	/	22.5	21	19.5	17	13	/	/
CBE-2-CHT12-30T	1.85	2x12	29.5	2900	2 1/2"x2 1/2"		/	/	34.5	32.5	29.5	26	20	/	/
CBE-2-CHT12-40T	2.2	2x12	39.5	2900	2 1/2"x2 1/2"		/	/	46	43.5	39.5	35	27.5	/	/
CBE-2-CHT12-50T	3	2x12	50	2900	2 1/2"x2 1/2"		/	/	58	55	50	44	35	/	/
CBE-2-CHT12-10ST	1	2x12	13.5	2900	2 1/2"x2 1/2"		/	19	17.5	15.5	13.5	10.5	/	/	/
CBE-2-CHT12-15ST	1.5	2x12	20	2900	2 1/2"x2 1/2"		/	28	26	24	20	15	/	/	/
CBE-2-CHT12-20ST	1.85	2x12	28	2900	2 1/2"x2 1/2"		/	38	35	31	28	20	/	/	/
CBE-2-CHT12-25ST	2.2	2x12	33.5	2900	2 1/2"x2 1/2"		/	47	43	39	33.5	27	/	/	/
CBE-2-CHT12-30ST	3	2x12	39	2900	2 1/2"x2 1/2"		/	53.5	50	45	39	30	/	/	/
CBE-2-CHT16-10T	1	2x16	10	2900	DN80xDN80		/	/	12	11.5	11	10.5	10	8	6
CBE-2-CHT16-20T	1.5	2x16	20	2900	DN80xDN80		/	/	24	23	22	21	20	16	12
CBE-2-CHT16-30T	2.2	2x16	30	2900	DN80xDN80		/	/	38	36	34	33	30	26	20
CBE-2-CHT16-40T	3	2x16	40	2900	DN80xDN80		/	/	50	48	46	44	40	36	28

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	20	24	28	32	40	48	56
	kW	m³/h	m	rpm		Q (L/min)	333	400	467	533	667	800	933
CBE-2-CHT20-10T	1	2x20	10.5	2900	DN80xDN80	H(m)	13	12.5	12	11.5	10.5	9	7.5
CBE-2-CHT20-20T	1.85	2x20	20	2900	DN80xDN80		25	24	23	22	20	16	12
CBE-2-CHT20-30T	3	2x20	31.5	2900	DN80xDN80		39	38	36	35	31.5	27	21
CBE-2-CHT20-40T	4	2x20	40	2900	DN80xDN80		50	48	46	44	40	32	24

FREQUENCY CONVERTER PUMP

CBE-2-CH(L/J/T/I) PRESSURE BOOSTER SYSTEM

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	2	4	6	8	10	12
	kW	m³/h	m	rpm		Q (L/min)	33	67	100	133	167	200
CBE-2-CHI4-20T	0.37	2x4	15	2900	2 1/2"x2"	H(m)	19.5	18.5	17	15.5	13	9.5
CBE-2-CHI4-30T	0.55	2x4	25	2900	2 1/2"x2"		29	27.5	25	22.5	19.5	13
CBE-2-CHI4-40T	0.75	2x4	30	2900	2 1/2"x2"		39	37	34.5	31	26	19
CBE-2-CHI4-50T	0.75	2x4	40	2900	2 1/2"x2"		48	45.5	43	38	32	23
CBE-2-CHI4-60T	1	2x4	49	2900	2 1/2"x2"		59	56	53	46	39.5	29
CBE-2-CHI4-70T	1.1	2x4	55	2900	2 1/2"x2"		67	64	60.5	53	45.5	33

Model	Power	Rated.flow	Rated.head	Speed	Pipe connecion	Q (m³/h)	8	12	16	20	24	28	32	40	48	56
	kW	m³/h	m	rpm		Q (L/min)	133	200	267	333	400	467	533	667	800	933
CBE-2-CHI8-10ST	0.55	2x8	12	2900	2 1/2"x2 1/2"	H(m)	15	13	10	8	/	/	/	/	/	/
CBE-2-CHI8-15ST	0.75	2x8	20	2900	2 1/2"x2 1/2"		25	22	17	12	/	/	/	/	/	/
CBE-2-CHI8-20ST	1	2x8	24	2900	2 1/2"x2 1/2"		32	27	20	17	/	/	/	/	/	/
CBE-2-CHI8-25ST	1.5	2x8	27	2900	2 1/2"x2 1/2"		43	38	30	20	/	/	/	/	/	/
CBE-2-CHI8-30ST	1.85	2x8	36	2900	2 1/2"x2 1/2"		50	44	32	26	/	/	/	/	/	/
CBE-2-CHI8-35ST	2.2	2x8	43	2900	2 1/2"x2 1/2"		56	48	42	28	/	/	/	/	/	/
CBE-2-CHI8-40ST	2.2	2x8	48	2900	2 1/2"x2 1/2"		65	57	43	34	/	/	/	/	/	/
CBE-2-CHI8-10T	0.55	2x12	9	2900	2 1/2"x2 1/2"		11	10	9	8	7	6	5	/	/	/
CBE-2-CHI8-20T	0.75	2x12	19	2900	2 1/2"x2 1/2"		22	20	19	18	13	11	8	/	/	/
CBE-2-CHI8-30T	1	2x12	26	2900	2 1/2"x2 1/2"		31	29	26	24	20	16	11	/	/	/
CBE-2-CHI8-40T	1.5	2x12	37	2900	2 1/2"x2 1/2"		41	39	37	33	28	23	17	/	/	/
CBE-2-CHI8-50T	2.2	2x12	46.5	2900	2 1/2"x2 1/2"		51	49	46.5	42	37	30	23	/	/	/
CBE-2-CHI8-60T	3	2x12	52	2900	2 1/2"x2 1/2"		62	58	52	48	42	36	30	/	/	/
CBE-2-CHI12-10ST	1	2x12	13.5	2900	2 1/2"x2 1/2"		/	19	17.5	15.5	13.5	10.5	/	/	/	/
CBE-2-CHI12-15ST	1.5	2x12	20	2900	2 1/2"x2 1/2"		/	28	26	24	20	15	/	/	/	/
CBE-2-CHI12-20ST	1.85	2x12	28	2900	2 1/2"x2 1/2"		/	38	35	31	28	20	/	/	/	/
CBE-2-CHI12-25ST	2.2	2x12	33.5	2900	2 1/2"x2 1/2"		/	47	43	39	33.5	27	/	/	/	/
CBE-2-CHI12-30ST	3	2x12	39	2900	2 1/2"x2 1/2"		/	53.5	50	45	39	30	/	/	/	/
CBE-2-CHI12-10T	0.75	2x12	9.5	2900	2 1/2"x2 1/2"		/	/	11.5	10.5	9.5	8	6	/	/	/
CBE-2-CHI12-20T	1.1	2x12	19.5	2900	2 1/2"x2 1/2"		/	/	22.5	21	19.5	17	13	/	/	/
CBE-2-CHI12-30T	1.85	2x12	29.5	2900	2 1/2"x2 1/2"		/	/	34.5	32.5	29.5	26	20	/	/	/
CBE-2-CHI12-40T	2.2	2x12	39.5	2900	2 1/2"x2 1/2"		/	/	46	43.5	39.5	35	27.5	/	/	/
CBE-2-CHI12-50T	3	2x12	50	2900	2 1/2"x2 1/2"		/	/	58	55	50	44	35	/	/	/
CBE-2-CHI16-10T	1	2x16	10	2900	DN80xDN80		/	/	12	11.5	11	10.5	10	8	6	/
CBE-2-CHI16-20T	1.5	2x16	20	2900	DN80xDN80		/	/	24	23	22	21	20	16	12	/
CBE-2-CHI16-30T	2.2	2x16	30	2900	DN80xDN80		/	/	38	36	34	33	30	26	20	/
CBE-2-CHI16-40T	3	2x16	40	2900	DN80xDN80		/	/	50	48	46	44	40	36	28	/
CBE-2-CHI20-10T	1	2x20	10.5	2900	DN80xDN80		/	/	/	13	12.5	12	11.5	10.5	9	7.5
CBE-2-CHI20-20T	1.85	2x20	20	2900	DN80xDN80		/	/	/	25	24	23	22	20	16	12
CBE-2-CHI20-30T	3	2x20	31.5	2900	DN80xDN80		/	/	/	39	38	36	35	31.5	27	21
CBE-2-CHI20-40T	4	2x20	40	2900	DN80xDN80		/	/	/	52	50	48	47	42	35	27

FREQUENCY CONVERTER PUMP

CBE-2-2CP PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

CBE-2-2CP series horizontal frequency conversion pump unit adopts 2CP series double impeller centrifugal pump, which is combined with frequency converter, pressure tank, valve and stainless steel inlet and outlet pipes. The product can realize one use and one standby, automatic rotation, timed start and stop, constant pressure operation, water shortage protection and other functions, suitable for small pressurized occasions such as rural areas, hotels, villas, and hot water projects.

0.75kW~3kW

3kW~22kW

Max.Head 145 m

Pump Designs Booster set.

Application Limits

Liquid temperature: -10℃~+120℃
Max. system pressure 20 bar
Pumping liquid characteristics: transport thin, clean, non-flammable, non-explosive liquid, free of solid particles and fibers.

Applications

Suitable for urban environmental protection, greenhouse irrigation, construction, fire fighting, chemical industry, pharmaceutical, brewing, electric power, paper making, petroleum, mining, equipment cooling, etc.

USES

Ambient temperature: 0℃~+50℃
Medium: clean water and non-chemically aggressive liquids

Model	Power	Max.flow	Max.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	2	4	6	8	10	12	14	16	18	20	22	24
	kW	m³/h	m	rpm		L	Q (L/min)	0	33	66.7	100	133	167	200	233	267	300	333	367	400
CBE-2-2CP25/130	2×0.75	2×4	35.3	2900	2"×1½"	19	H(m)	35.3	30.1	24.5	17.7	8.8	/	/	/	/	/	/	/	/
CBE-2-2CP25/140M	2×1.1	2×8	47	2900	2½"×1½"	19		47	45	43.3	40.8	37	33	27.5	21	12	/	/	/	/
CBE-2-2CP160/160	2×1.5	2×9	53.4	2900	2"×1½"	19		53.4	50	47	43.6	39.3	33.7	27.8	22	15.2	4	/	/	/
CBE-2-2CP25/160B	2×1.5	2×9	58	2900	2½"×1½"	19		58	54.7	51.4	47.4	43.4	38	32.2	24.6	17	7.6	/	/	/
CBE-2-2CP25/160A	2×2.2	2×9	61	2900	2½"×1½"	19		61	58.2	55.5	52.7	48.7	43.8	37.7	30.7	21.4	5.6	/	/	/
CBE-2-2CP32/200C	2×3	2×13	57.2	2900	2½"×2"	19		57.2	55.3	53.4	51.2	48.9	46.6	44.2	41.9	38.2	34.4	30.2	25	19
CBE-2-2CP50/160B	2×1.5	2×9	42	2900	3"×3"	19		42	40.4	36.8	33.8	32.2	27.3	22.7	17.5	11.2	4.4	/	/	/
CBE-2-2CP50/160A	2×3	2×10	54.5	2900	3"×3"	19		54.5	50.3	46	42.5	39	35	30.8	26.5	22.2	14.7	7	/	/

Model	Power	Max.flow	Max.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	9.6	12	14.4	16.8	19.2	21.6	24	30	36	42	48	54
	kW	m³/h	m	rpm		L	Q (L/min)	0	160	200	240	280	320	360	400	500	600	700	800	900
CBE-2-2CP32/200C	2×3	2×15	70	2950	2½"×2"	19	H(m)	70	63	60.5	57	55	52	49.5	46.5	36	/	/	/	/
CBE-2-2CP32/200B	2×4	2×15	85	2950	2½"×2"	19		85	77	75	72	69	66	62	58	49	/	/	/	/
CBE-2-2CP32/210B	2×5.5	2×15	94	2950	3"×2"	19		94	91	89	85	83	79	75	70	56	/	/	/	/
CBE-2-2CP32/210A	2×7.5	2×15	112	2950	3"×2"	19		112	110	108	105	102	99	94	89	74	/	/	/	/
CBE-2-2CP40/210B	2×5.5	2×15	94	2950	3"×2½"	19		94	91	89	85	83	79	75	70	56	/	/	/	/
CBE-2-2CP40/210A	2×7.5	2×15	112	2950	3"×2½"	19		112	110	108	105	102	99	94	89	74	/	/	/	/
CBE-2-2CP50/180C	2×4	2×21	62	2950	3"×3"	19		62	59	57	55	55	50	48	44	36	31	23	/	/
CBE-2-2CP50/180B	2×5.5	2×21	72	2950	3"×3"	19		72	69	67	65	65	60	58	54	46	41	33	/	/
CBE-2-2CP50/180A	2×7.5	2×21	84	2950	3"×3"	19		84	81	79	76	75	72	72	66	58	53	45	/	/
CBE-2-2CP40/200B	2×9.2	2×27	97	2950	3"×2½"	19		97	/	/	/	91.5	91	90	88	85	80	74	68	61
CBE-2-2CP40/200A	2×11	2×27	105	2950	3"×2½"	19		105	/	/	/	100	99	98	97	93	88	83	76	69
CBE-2-2CP50/200B	2×9.2	2×27	97	2950	3"×3"	19		97	/	/	/	91.5	91	90	88	85	80	74	68	61
CBE-2-2CP50/200A	2×11	2×27	105	2950	3"×3"	19		105	/	/	/	100	99	98	97	93	88	83	76	69
CBE-2-2CP40/250D	2×13	2×27	120	2950	3"×2½"	19		120	/	/	/	114	113	112	110	107	103	98	91	82
CBE-2-2CP40/250C	2×15	2×27	130	2950	3"×2½"	19		130	/	/	/	124	123	122	120	117	113	108	102	92
CBE-2-2CP40/250B	2×18.5	2×27	145	2950	3"×2½"	19		145	/	/	/	139	138	137	136	131	126	121	114	107
CBE-2-2CP40/250A	2×22	2×27	160	2950	3"×2½"	19		160	/	/	/	155	153	152	151	146	141	135	130	122
CBE-2-2CP50/250D	2×13	2×27	120	2950	3"×3"	19		120	/	/	/	114	113	112	110	107	103	98	91	82
CBE-2-2CP50/250C	2×15	2×27	130	2950	3"×3"	19		130	/	/	/	124	123	122	120	117	113	108	102	92
CBE-2-2CP50/250B	2×18.5	2×27	145	2950	3"×3"	19		145	/	/	/	139	138	137	136	131	126	121	114	107

FREQUENCY CONVERTER PUMP

CBE-2-GF-N PRESSURE BOOSTER SYSTEM

APPLICATIONS FIELDS

Advanced energy saving pressurization system for pressurization of clean water. Provide 2 parallel pumps, integrated advanced controller and necessary accessories to form a supercharging system with variable frequency speed regulating pump. The unit maintains constant pressure by constantly adjusting the speed of the pump. By cutting in/out the required number of pumps and by parallel control of the pumps in operation, the system performance can be adapted to the requirements.

Max.Head
97 m

Pump Designs
Booster set.

Application Limits

Liquid temperature: +2℃~+90℃
Maximum system pressure 10 bar
Pumped liquid characteristics: Convey thin, clean, non- flammable and non- explosive liquid without solid granules and fibers.

Applications

Suitable for urban environmental protection, greenhouse irrigation, construction, fire, chemical, pharmaceutical, brewing, electric power, paper making, petroleum, mining, equipment cooling and so on

USES

Ambient temperature: 0℃~+40℃;
Liquids: clean water and liquids that are not chemically corrosive
Altitude: not more than 1000 meters
Positive pressure installation: Negative pressure installation is strictly prohibited

Model	Power	Max.flow	Max.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	12	18	30	36	48	54	72	84	96
	kW	m³/h	m	rpm		L	Q (L/min)	0	200	300	500	600	800	900	1200	1400	1600
CBE-2-GF32-125B	2*0.75	2*18	17.5	2950	DN80×50	36		17.5	16.7	15	12	9	/	/	/	/	/
CBE-2-GF32-125A	2*1.1	2*24	22	2950	DN80×50	36		22	21	19.7	16.5	14.5	9	/	/	/	/
CBE-2-GF32-160C	2*1.5	2*18	25.4	2950	DN80×50	36		25.4	23.7	22.5	18.5	15.8	/	/	/	/	/
CBE-2-GF32-160B	2*2.2	2*24	31	2950	DN80×50	36		31	29.6	28.5	24.5	22	15	/	/	/	/
CBE-2-GF32-160A	2*3	2*27	35	2950	DN80×50	36		35	34.3	32.5	28	25.5	19	15	/	/	/
CBE-2-GF32-200D	2*3	2*27	44.2	2950	DN80×50	36		44.2	42	39.8	35.2	32.2	24.6	19.8	/	/	/
CBE-2-GF32-200C	2*4	2*27	54.5	2950	DN80×50	36		54.5	52	50	45.5	42.3	35	30.3	/	/	/
CBE-2-GF32-200B	2*5.5	2*24	53	2950	DN80×50	36	H(m)	60	59.5	59	55	50.2	34.5	/	/	/	/
CBE-2-GF32-200A	2*7.5	2*24	61	2950	DN80×50	36		69.5	69	68.5	66	63	53	/	/	/	/
CBE-2-GF32-250C	2*9.2	2*24	75	2950	DN80×50	36		75	75	74.5	72	69	59	/	/	/	/
CBE-2-GF32-250B	2*11	2*24	90	2950	DN80×50	36		90	89.5	88	82	78	66	/	/	/	/
CBE-2-GF32-250A	2*15	2*24	97	2950	DN80×50	36		97	96.5	96	90	86	73	/	/	/	/
CBE-2-GF40-125C	2*1.1	2*36	14.7	2950	DN100×65	80		14.7	/	/	/	13	11.5	10.1	5.8	/	/
CBE-2-GF40-125B	2*1.5	2*42	18.1	2950	DN100×65	80		18.1	/	/	/	17	15	13.9	10	6	/
CBE-2-GF40-125A	2*2.2	2*48	24.5	2950	DN100×65	80		24.5	/	/	/	23.2	21.5	20.2	16	13	8.3
CBE-2-GF40-160B	2*3	2*42	31.8	2950	DN100×65	80		31.8	/	/	/	29.5	27.5	26.3	21.5	17.5	/

CBE-2-GF-N PRESSURE BOOSTER SYSTEM

Model	Power	Max.flow	Max.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	36	54	72	84	96	108	144	168	180	216	240
	kW	m³/h	m	rpm		L	Q (L/min)	0	600	900	1200	1400	1600	1800	2400	2800	3000	3600	4000
CBE-2-GF40-160A	2*4	2*48	38	2950	DN100×65	80		38	36	33	28.5	25	20.1	/	/	/	/	/	/
CBE-2-GF40-200B	2*5.5	2*42	46	2950	DN100×65	80		46	43.8	40.1	35	30	/	/	/	/	/	/	/
CBE-2-GF40-200A	2*7.5	2*48	57	2950	DN100×65	80		57	53.6	50	45	41	36.5	/	/	/	/	/	/
CBE-2-GF40-250D	2*9.2	2*48	64	2950	DN100×65	80		64	59	55	49.5	45	39.8	/	/	/	/	/	/
CBE-2-GF40-250C	2*11	2*48	72	2950	DN100×65	80		72	67.5	63.5	57.5	52.2	47	/	/	/	/	/	/
CBE-2-GF40-250B	2*15	2*48	84.5	2950	DN100×65	80		84.5	79.3	75.2	70	66	61	/	/	/	/	/	/
CBE-2-GF40-250A	2*18.5	2*48	90	2950	DN100×65	80		90	85.5	80.7	75.8	70.5	66.5	/	/	/	/	/	/
CBE-2-GF50-125C	2*2.2	2*72	17	2950	DN100×80	150		17	/	/	15.4	14	12.8	11.5	6.5	/	/	/	/
CBE-2-GF50-125B	2*3	2*72	20	2950	DN100×80	150		20	/	/	18.8	18	17	15.6	11	/	/	/	/
CBE-2-GF50-125A	2*4	2*84	24	2950	DN100×80	150		24	/	/	23.1	23	21.5	20.3	15.8	11.8	/	/	/
CBE-2-GF50-160B	2*5.5	2*84	32	2950	DN100×80	150		32	/	/	30.6	30	28	26.6	20.5	14.8	/	/	/
CBE-2-GF50-160A	2*7.5	2*90	40	2950	DN100×80	150		40	/	/	38	37	36	34.4	29	24	21	/	/
CBE-2-GF50-200C	2*9.2	2*84	50.5	2950	DN100×80	150	H(m)	50.5	/	/	46.8	45	43	40.9	32.5	26.7	/	/	/
CBE-2-GF50-200B	2*11	2*90	57.5	2950	DN100×80	150		57.5	/	/	53.5	52	50	47.5	40	34	29	/	/
CBE-2-GF50-200A	2*15	2*90	62	2950	DN100×80	150		62	/	/	58	56.5	54.5	52	44.5	39	35.5	/	/
CBE-2-GF50-250C	2*15	2*84	68.5	2950	DN100×80	150		68.5	/	/	64	63	61.5	59	50	41	/	/	/
CBE-2-GF50-250B	2*18.5	2*90	79	2950	DN100×80	150		79	/	/	75.8	74.8	74	71.5	63.5	55.5	47	/	/
CBE-2-GF65-125C	2*4	2*90	19	2950	DN120×100	200		19	/	/	/	/	17.3	16.8	14.5	13	11.8	/	/
CBE-2-GF65-125B	2*5.5	2*108	23	2950	DN120×100	200		23	/	/	/	/	21.3	20.9	19	17.5	16.7	13.7	/
CBE-2-GF65-125A	2*7.5	2*120	27	2950	DN120×100	200		27	/	/	/	/	26	25.6	24.5	23	22.5	20	18
CBE-2-GF65-160C	2*9.2	2*120	33	2950	DN120×100	200		33	/	/	/	/	/	31.5	30	28	27.1	24	21.5
CBE-2-GF65-160B	2*11	2*120	36	2950	DN120×100	200		36	/	/	/	/	/	34.5	33	31.5	30.8	28	25.5
CBE-2-GF65-160A	2*15	2*138	42	2950	DN120×100	200		42	/	/	/	/	/	41	40	38.5	37.8	35	33
CBE-2-GF65-200C	2*15	2*120	45	2950	DN120×100	200		45	/	/	/	/	/	45.5	43	41	40.2	36.5	34
CBE-2-GF65-200B	2*18.5	2*120	52	2950	DN120×100	200		52	/	/	/	/	/	52.3	51	49	48.5	44.5	42
CBE-2-GF80-125C	2*4	2*120	17	2950	DN150×125	200		17	/	/	/	/	16.5	15.9	14.3	13.5	11.6	10	7.5
CBE-2-GF80-125B	2*5.5	2*138	21	2950	DN150×125	200		21	/	/	/	/	20.5	20	19	18	16.5	15	12.5
CBE-2-GF80-125A	2*7.5	2*138	26	2950	DN150×125	200		26	/	/	/	/	25	25	24.5	23.8	22.5	21.5	19.5

Model	Power	Max.flow	Max.head	Speed	Pipe connecion	Tank	Q (m³/h)	0	60	90	120	144	180	200	210	220	240
	kW	M³/H	m	rpm		L	Q (L/min)	0	1000	1500	2000	2400	3000	3333	3500	3667	4000
CBE-2-GF80-160D	2*11	2*180	28	2950	DN150×125	200		28	27.3	27	24.5	21.1	16	/	/	/	/
CBE-2-GF80-160C	2*15	2*210	34	2950	DN150×125	300		34	32.6	32.5	30.2	27	22.1	18.5	16.7	/	/
CBE-2-GF80-160B	2*18.5	2*210	39	2950	DN150×125	300	H(m)	39	38.5	38	36.7	33.6	28.8	25.3	23.5	/	/
CBE-2-GF100-160C	2*15	2*280	35	2950	DN200×150	500		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15
CBE-2-GF100-160B	2*18.5	2*280	38.5	2950	DN200×150	500		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18

DEEP WELL PUMP

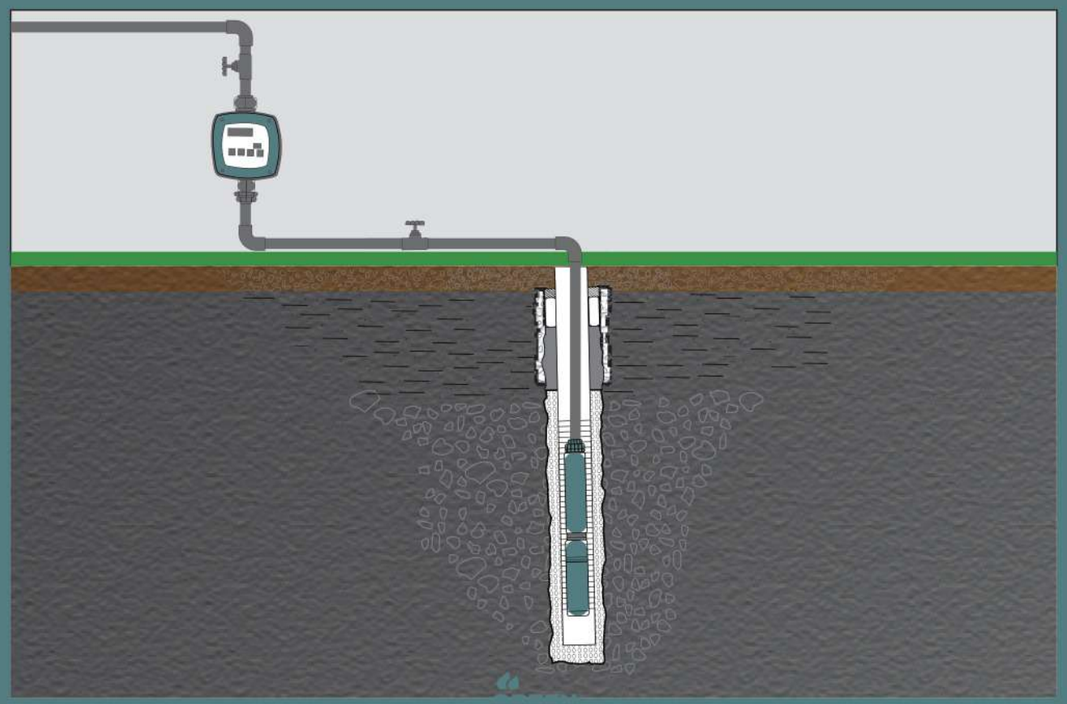
The deep well pump body is made of cast iron, copper or stainless steel. The motor also has the oil filled type and the oil-free type, which can find the most suitable pump according to the customer's needs. The deep well pump has the advantages of simple structure, high unit efficiency, low noise, safe and reliable operation, convient installation and maintenance.

MUNICIPAL

IRRIGATION

Application

The deep well pump is suitable for use with clean water with a sand content of no more than 150g/ m³. As a result of their high efficiency and reliability. They are suitable for use in domestic, civil and industrial applications such as for the distribution of water in combination with pressure sets, irrigation, washing plants and pressure boosting on fire- fighting sets, etc.



QJD-N DEEP WELL PUMP

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.


Diffuser cover/PC


Impeller/POM


Diffuser/PC


Top chock/Cast ron


Outlet/Cast ron


Connector/Cast ron

Flow rate up to 125 L/min (7.5 m³/h)

Head up to 181 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 30 meters;
Min. applicable well diameter: 4"

Construction

Pump Body: Stainless steel
Impeller: Plastic POM
Diffuser: PC
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 220V/240V-50Hz with condenser thermal overload protector built into the copper winding,equiped with start control box.
Three-phase 380V/415V
Insulation: Class B.
Protection: IP X8.

Model	Voltage	Power		Max head	Max.flow		Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2
		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90	100	110	120
QJD4/6	220V/50Hz	0.37	0.5	46	125	7.5	1½"/2"	H(m)	46	45	44	43	42	40	38	35	32	27	23	15	6
QJD4/7	220V/50Hz	0.5	0.7	53	125	7.5	1½"/2"		53	52	51	50	49	46	44	41	37	32	27	18	7
QJD4/8	220V/50Hz	0.55	0.75	61	125	7.5	1½"/2"		61	60	58	57	56	53	49	46	40	35	26	18	8
QJD4/10	220V/50Hz	0.75	1	76	125	7.5	1½"/2"		76	75	74	72	70	69	64	59	53	46	37	24	12
QJD4/14	220V/50Hz	1.1	1.5	106	125	7.5	1½"/2"		106	105	102	99	96	89	88	81	68	61	47	26	16
QJD4/18	220V/50Hz	1.5	2	130	125	7.5	1½"/2"		130	128	126	121	119	112	103	94	77	63	49	28	18
QJD4/25	220V/50Hz	2.2	3	181	125	7.5	1½"/2"		181	178	175	168	165	155	143	131	107	88	68	39	25

4SKM DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.


Diffuser cover/H57


Impeller/H57


Outlet/H57


Connector/H57


Top chock/H57

Flow rate up to 50 L/min (3 m³/h)

Head up to 132 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 50 meters;
Min. applicable well diameter: 4"

Construction

Pump Body: Stainless steel
Impeller: H57
Diffuser: H57
Screw: H57
Motor Bracket: H57
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 220V/240V-50Hz with condenser thermal overload protector built into the copper winding,equiped with start control box. Three-phase 380V/415V
Insulation: Class B.
Protection: IP X8.

*: with/without controller can be selected.

Model	Voltage	Power		Max head	Max.flow		Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	5	10	15	20	25	30	35	40	45
4SKm100	220V/50Hz	0.75	1	60	50	3	1"	H(m)	60	55	50	46	38	32	24	16	12	6
4SKm150	220V/50Hz	1.1	1.5	100	50	3	1"		100	89	79	68	58	48	37	28	18	10
4SKm200	220V/50Hz	1.5	2	132	50	3	1"		132	116	102	86	72	60	48	36	24	13
4SK100	380V/50Hz	0.75	1	60	50	3	1"		60	55	50	46	38	32	24	16	12	6
4SK150	380V/50Hz	1.1	1.5	100	50	3	1"		100	89	79	68	58	48	37	28	18	10
4SK200	380V/50Hz	1.5	2	132	50	3	1"		132	116	102	86	72	60	48	36	24	13

QGD DEEP WELL PUMP

Installation And Use

It is suitable for long-distance water transfer for irrigation, efficient oxygenation in the farming industry, deep well water lifting, urban and rural water booster, mine water supply and drainage, sugar syrup transfer in the food industry and non-corrosive chemical liquid transfer in the chemical industry.


Screw

Flow rate up to 58 L/min (3.5 m³/h)

Head up to 180 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 2"/2.5"/3"/3.5"/4"

Construction

Pump Body: Stainless steel
Screw: Rubber
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Single- phase 230V-50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

*: "Y" means oil filled.

Model	Voltage	Power		Max head	Max.flow		Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	5	10	15	20	25	30	35	40	45	50	55
2QGYD0.5-25-0.18	220V/50Hz	0.18	0.25	55	17	1	½"	H(m)	55	38	24	7								
2.5QGYD1-45-0.37	220V/50Hz	0.37	0.5	80	32	1.9	1"		80	70	57	46	33	21	9					
2.5QGYD1-70-0.55	220V/50Hz	0.55	0.75	100	32	1.9	1"		100	90	74	58	45	28	13					
3QGYD1-25-0.25	220V/50Hz	0.25	0.34	70	27	1.6	1"		70	58	45	33	20	8						
3QGYD1-40-0.37	220V/50Hz	0.37	0.5	90	32	1.9	1"		90	76	62	48	33	18	4					
3QGYD1.2-50-0.55	220V/50Hz	0.55	0.75	110	32	1.9	1"		110	95	80	64	46	28	9					
3.5QG(Y)D1-50-0.37	220V/50Hz	0.37	0.5	95	32	1.9	1"		95	82	70	55	40	22	5					
3.5QG(Y)D1.8-40-0.55	220V/50Hz	0.55	0.75	110	43	2.6	1"		110	100	88	77	65	54	40	26	11			
3.5QG(Y)D1.8-50-0.75	220V/50Hz	0.75	1	125	43	2.6	1"		125	115	104	92	78	65	50	33	15			
4QG(Y)D1.2-50-0.37	220V/50Hz	0.37	0.5	110	32	1.9	1"		110	95	82	66	50	32	11					
4QG(Y)D1.8-50-0.55	220V/50Hz	0.55	0.75	110	48	2.9	1"		110	100	92	82	73	62	50	38	26	15		
4QG(Y)D1.2-100-0.75	220V/50Hz	0.75	1	155	48	2.9	1"		155	142	127	115	100	86	70	55	38	20		
4QG(Y)D1.5-85-0.75	220V/50Hz	0.75	1	155	48	2.9	1"		155	145	128	116	102	88	72	56	40	22		
5QGYD1.5-100--1.1	220V/50Hz	1.1	1.5	180	58	3.5	1"		180	164	150	134	118	100	85	67	52	35	18	8

4NKM DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 85 L/min (5.1 m³/h)

Head up to 78 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 50 meters;
Min. applicable well diameter: 4"

Construction

Pump Body: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP X8.

Model	Voltage	Power		Max head	Max.flow		Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
Single-phase		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80
4NKm3/5	220V/50Hz	0.37	0.5	40	85	5.1	1"/1¼"	H(m)	40	38	35	33	30	27	23	18	12
4NKm3/6	220V/50Hz	0.6	0.8	48	85	5.1	1"/1¼"		48	45	42	39	36	33	27	21	15
4NKm3/7	220V/50Hz	0.8	1.1	56	85	5.1	1"/1¼"		56	53	49	46	42	38	32	25	17
4NKm3/4	110-115V/60Hz	0.37	0.5	55	85	5.1	1"/1¼"		55	53	49	46	43	39	35	29	23
4NKm3/5	110-115V/60Hz	0.6	0.8	67	85	5.1	1"/1¼"		67	64	59	56	53	47	43	35	27
4NKm3/6	110-115V/60Hz	0.8	1.1	78	85	5.1	1"/1¼"		78	75	70	66	62	56	50	42	33

5NKM DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 122 L/min (7.3 m³/h)

Head up to 123 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 50 meters;
Min. applicable well diameter: 5"

Construction

Pump Body: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP X8.

Model	Voltage	Power		Max head	Max.flow		Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.8	6.0
Single-phase		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	80	100
5NKm3/3	220V/50Hz	0.55	0.75	38	105	6.3	1¼"	H(m)	38	36	35	34	32	29	26	20	12
5NKm3/4	220V/50Hz	0.75	1	50	105	6.3	1¼"		50	48	47	45	42	39	35	26	16
5NKm3/5	220V/50Hz	0.92	1.25	63	105	6.3	1¼"		63	61	58	56	53	48	44	33	20
5NKm3/6	220V/50Hz	1.1	1.5	75	105	6.3	1¼"		75	73	70	67	63	58	53	39	24
5NKm3/7	220V/50Hz	1.3	1.75	88	105	6.3	1¼"		88	85	82	79	74	68	62	46	28
5NKm3/8	220V/50Hz	1.5	2	100	105	6.3	1¼"		100	97	94	90	84	77	71	52	32
5NKm3/9	220V/50Hz	1.8	2.4	110	105	6.3	1¼"		110	108	105	100	94	86	78	58	36

5NKM DEEP WELL PUMP

Model	Voltage	Power		Max head	Max.flow		Size	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
Single-phase		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90	100
5NKm3/2	220V/60HZ	0.55	0.75	35	122	7.3	1¼"	H(m)	35	34	33	32	30	28	26	22	18	14	11
5NKm3/3	220V/60HZ	0.75	1	53	122	7.3	1¼"		53	51	49	47	44	42	38	34	28	21	17
5NKm3/4	220V/60HZ	1.1	1.5	70	122	7.3	1¼"		70	68	66	63	59	56	51	45	37	29	22
5NKm3/5	220V/60HZ	1.3	1.75	88	122	7.3	1¼"		88	85	82	79	74	70	64	56	46	36	28
5NKm3/6	220V/60HZ	1.5	2	106	122	7.3	1¼"		106	102	98	95	89	85	77	67	55	43	34
5NKm3/7	220V/60HZ	1.75	2.3	123	122	7.3	1¼"		123	119	114	110	104	99	89	78	64	50	39

VDM DEEP WELL PUMP

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 130 L/min (7.8 m³/h)

Head up to 165 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 4"

Construction

Pump External Casing: Stainless steel
Impeller: Plastic PPO
Diffuser: Plastic PPO
Motor External Casing:Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal:Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 220V/240V-50Hz with condenser thermal overload protector built into the copper winding,equiped with start control box.
Three-phase 380V/415V
Insulation: Class B.
Protection: IP X8.

Model	Voltage	Power		Max head	Max.flow		Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
Single-phase		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	5	10	15	20	25	30	35	40	45	50	55	60
VDm1.8-16/3-0.18	220V/50Hz	0.25	0.34	27	65	3.9	1"	H(m)	27	26	25	24	22	21	19	17	16	13	11	9	5
VDm1.8-25/4-0.25	220V/50Hz	0.3	0.4	36	65	3.9	1"		36	34	33	32	30	29	27	25	22	19	16	13	9
VDm1.8-32/5-0.37	220V/50Hz	0.37	0.5	44	65	3.9	1"		44	42	40	38	36	33	32	28	25	22	18	14	10
VDm1.8-40/6-0.55	220V/50Hz	0.55	0.75	53	65	3.9	1"		53	51	48	45	43	41	40	35	31	27	24	18	12
VDm1.8-50/8-0.75	220V/50Hz	0.75	1	69	65	3.9	1"		69	67	63	60	57	54	50	48	43	38	33	25	18
VDm1.8-63/10-0.92	220V/50Hz	0.9	1.2	88	65	3.9	1"		88	84	80	75	72	68	63	60	52	46	40	31	23
VDm1.8-80/14-1.1	220V/50Hz	1.1	1.5	112	65	3.9	1"		112	108	101	96	92	87	80	77	69	61	53	40	29
VDm1.8-100/17-1.5	220V/50Hz	1.5	2	138	65	3.9	1"		138	134	126	120	114	108	100	96	86	76	66	50	36
VDm1.8-120/21-1.8	220V/50Hz	1.8	2.4	165	65	3.9	1"		165	160	150	144	137	130	120	115	103	90	78	58	42

VDM DEEP WELL PUMP

Model	Voltage	Power		Max head	Max.flow		Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2
Single-phase		kW	HP	m	L/min	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90	100	110	120
VDm4.3-12/2-0.25	220V/50Hz	0.25	0.25	19	130	7.8	1¼"	H(m)	19	18	18	18	17	17	16	15	12	11	9	7	5
VDm4.3-16/3-0.37	220V/50Hz	0.37	0.37	29	130	7.8	1¼"		29	28	28	17	27	25	23	22	18	17	14	10	8
VDm4.3-25/4-0.55	220V/50Hz	0.55	0.55	39	130	7.8	1¼"		39	38	37	37	36	33	31	29	24	22	19	13	11
VDm4.3-32/5-0.75	220V/50Hz	0.75	0.75	49	130	7.8	1¼"		49	48	47	46	45	42	39	36	30	28	24	16	14
VDm4.3-40/6-0.92	220V/50Hz	0.9	0.9	58	130	7.8	1¼"		58	57	56	55	53	50	47	44	37	33	28	20	16
VDm4.3-50/7-1.1	220V/50Hz	1.1	1.1	68	130	7.8	1¼"		68	67	66	64	62	59	55	51	43	39	33	23	19
VDm4.3-63/9-1.5	220V/50Hz	1.5	1.5	88	130	7.8	1¼"		88	86	84	83	80	75	70	65	55	50	43	29	25
VDm4.3-80/11-1.8	220V/50Hz	1.8	1.8	107	130	7.8	1¼"		107	105	103	101	98	92	86	80	67	61	52	36	30

2/2.5SDM DEEP WELL PUMP

SDM SDM-S SDM-T

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to **43 L/min (2.6 m³/h)**

Head up to **103 m**

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 2"/2.5"

Construction

Pump External Casing: Stainless steel
Impeller: Plastic POM
Diffuser: PC
Motor External Casing: Stainless steel H57
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Oil filled rewindable motors(non-toxic oil for use with food) . Single-phase 220V/240V-50Hz with condenser thermal overload protector built into the copper winding,equiped with start control box.
Three-phase 380V/415V
Insulation: Class B.
Protection: IP X8

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.24	0.48	0.72	0.96
Single-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	4	8	12	16
2SDm1/26	220V/50Hz	0.18	0.25	35	1.2	3/4"	H(m)	35	32	28	22	15
2SDm1/32	220V/50Hz	0.25	0.33	45	1.2	3/4"		45	42	36	29	21
2SDm1/38	220V/50Hz	0.37	0.5	55	1.2	3/4"		55	50	45	35	23
							Q (m³/h)	0	0.6	1.2	1.8	2.4
							Q (L/min)	0	10	20	30	40
2.5SDm2/12	220V/50Hz	0.18	0.24	31	2.6	1"	H(m)	31	28	22	15	6
2.5SDm2/14	220V/50Hz	0.18	0.25	35	2.6	1"		35	30	24	16	8
2.5SDm2/17	220V/50Hz	0.25	0.33	44	2.6	1"		44	38	31	21	9
2.5SDm2/24	220V/50Hz	0.37	0.5	66	2.6	1"		66	59	50	38	21
2.5SDm2/31	220V/50Hz	0.55	0.75	86	2.6	1"		86	77	67	54	30
2.5SDm2/40	220V/50Hz	0.75	1	103	2.6	1"		103	93	74	58	38

3SDM DEEP WELL PUMP

SDM SDM-S SDM-T

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to **120 L/min (7.2 m³/h)**

Head up to **197 m**

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 3"

Construction

Pump External Casing: Stainless steel
Impeller: Plastic POM
Diffuser: PC
Motor External Casing:H57
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Oil filled rewindable motors(non- toxic oil for use with food) . Single- phase 220V/ 240V-50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box. Three- phase 380V/ 415V
Insulation: Class B
Protection: IP X8

***: 1~ phase pump can be selected with control box (SDM) or without control box(SEM).**
***: The Outlet/Connection can be made by brass/stainless steel/cast iron.**

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.7
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	45
3SDm1.8/7	0.18	0.25	30	3.6	1"/1¼"	H(m)	30	28	27	23	11
3SDm1.8/10	0.25	0.33	43	3.6	1"/1¼"		43	41	39	33	16
3SDm1.8/14	0.37	0.5	60	3.6	1"/1¼"		60	57	54	46	23
3SDm1.8/20	0.55	0.75	85	3.6	1"/1¼"		85	81	78	66	32
3SDm1.8/27	0.75	1	113	3.6	1"/1¼"		113	108	94	85	44
3SDm1.8/33	1.1	1.5	138	3.6	1"/1¼"		138	136	130	108	53
3SDm1.8/47	1.5	2	197	3.6	1"/1¼"		197	193	185	155	75

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	5	10	15	20	25	30	35	40	45	50	55	60
3SDm2.5/5	0.18	0.24	22	4.2	1"/1¼"	H(m)	22	21	21	20	20	19	18	17	16	14	12	10	7
3SDm2.5/7	0.25	0.34	30	4.2	1"/1¼"		30	29	29	29	28	27	26	24	22	20	17	14	10
3SDm2.5/10	0.37	0.5	43	4.2	1"/1¼"		43	42	42	41	40	38	37	34	32	28	24	20	14
3SDm2.5/15	0.55	0.75	65	4.2	1"/1¼"		65	64	63	61	60	57	55	52	47	42	37	30	20
3SDm2.5/20	0.75	1	87	4.2	1"/1¼"		87	83	83	82	79	77	73	69	63	57	49	39	27
3SDm2.5/25	1.1	1.5	108	4.2	1"/1¼"		108	104	103	102	99	96	92	86	79	71	61	49	34
3SDm2.5/36	1.5	2	156	4.2	1"/1¼"		156	150	148	147	143	138	132	124	114	102	88	71	49

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90
3SDm4/7	0.25	0.34	23	6.0	1"/1¼"/1½"	H(m)	23	18	17	16	15	14	12	9	8	5
3SDm4/9	0.37	0.5	30	6.0	1"/1¼"/1½"		30	28	27	26	24	22	19	15	12	8
3SDm4/14	0.55	0.75	46	6.0	1"/1¼"/1½"		46	44	42	40	37	34	30	24	19	12
3SDm4/19	0.75	1	63	6.0	1"/1¼"/1½"		63	61	57	54	50	47	41	34	27	17
3SDm4/24	1.1	1.5	79	6.0	1"/1¼"/1½"		79	77	72	68	64	58	52	43	35	22
3SDm4/35	1.5	2	115	6.0	1"/1¼"/1½"		115	112	105	99	93	85	76	63	51	32

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	20	30	40	50	60	70	80	90	100
3SDm5/4	0.25	0.34	15	7.2	1"/1¼"/1½"	H(m)	15	14	13	13	12	11	11	10	7	5
3SDm5/7	0.37	0.5	26	7.2	1"/1¼"/1½"		26	25	24	23	22	21	20	18	12	11
3SDm5/9	0.55	0.75	34	7.2	1"/1¼"/1½"		34	33	33	32	31	30	28	25	22	15
3SDm5/13	0.75	1	48	7.2	1"/1¼"/1½"		48	46	45	43	42	40	36	35	32	20
3SDm5/19	1.1	1.5	70	7.2	1"/1¼"/1½"		70	69	68	64	62	60	58	52	46	38
3SDm5/26	1.5	2	96	7.2	1"/1¼"/1½"		96	94	93	90	88	86	80	74	63	40

3.5SDM DEEP WELL PUMP

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 117 L/min (7 m³/h)

Head up to 166 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 3.5"

Construction

Pump External Casing: Stainless steel
Impeller: POM
Diffuser: PC
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Oil filled rewindable motors(non- toxic oil for use with food). Single- phase 220V/ 240V-50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box. Three-phase 380V/ 415V
Insulation: Class B
Protection: IP X8

MUNICIPAL IRRIGATION

*: 1- phase pump can be selected with control box (SDM) or without control box(SEM).
*: The Outlet/Connection can be made by brass/stainless steel/cast iron.

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	5	10	15	20	25	30	35
3.5SDm1/9	0.37	0.5	54	2.2	1¼"/1½"	H(m)	54	51	45	40	35	24	16	4
3.5SDm1/12	0.55	0.75	72	2.2	1¼"/1½"		72	68	60	53	47	32	21	6
3.5SDm1/18	0.75	1	108	2.2	1¼"/1½"		108	102	90	80	70	48	32	8
3.5SDm1/22	1.1	1.5	132	2.2	1¼"/1½"		132	125	110	98	86	59	39	10
3.5SDm1/26	1.5	2	156	2.2	1¼"/1½"		156	147	130	116	101	69	46	12

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	5	10	15	20	25	30	35	40	45	50	55
3.5SDm2/10	0.37	0.5	58	3.6	1¼"/1½"	H(m)	58	59	58	57	54	51	47	42	37	30	23	14
3.5SDm2/13	0.55	0.75	76	3.6	1¼"/1½"		76	77	76	74	71	67	61	55	48	40	30	19
3.5SDm2/15	0.9	1.2	88	3.6	1¼"/1½"		88	89	88	85	82	77	71	64	55	46	35	22
3.5SDm2/18	1.1	1.5	107	3.6	1¼"/1½"		107	107	105	102	98	92	85	76	66	55	42	26
3.5SDm2/25	1.5	2	150	3.6	1¼"/1½"		150	148	146	142	136	128	118	106	92	76	58	36
3.5SDm2/28	1.8	2.4	166	3.6	1¼"/1½"		166	166	164	159	152	143	132	119	103	85	65	40

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90	100
3.5SDm3/8	0.37	0.5	45	6.3	1¼"/1½"	H(m)	45	44	43	42	36	32	27	23	18	12	8
3.5SDm3/11	0.55	0.75	61	6.3	1¼"/1½"		61	58	56	46	43	38	36	30	21	16.5	11
3.5SDm3/14	0.75	1	76	6.3	1¼"/1½"		76	75	74	72	70	66	60	52	40	28	16
3.5SDm3/17	1.1	1.5	94	6.3	1¼"/1½"		94	92	91	90	86	83	75	65	50	33	20
3.5SDm3/23	1.5	2	126	6.3	1¼"/1½"		126	122	120	117	110	106	96	82	65	40	21
3.5SDm3/26	1.8	2.4	140	6.3	1¼"/1½"		140	138	135	132	130	124	112	98	78	52	30

Model	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
Single-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90	100
3.5SDm4/7	0.37	0.5	40	7	1¼"/1½"	H(m)	40	39	38	37	36	34	32	30	24	22	14
3.5SDm4/9	0.55	0.75	51	7	1¼"/1½"		51	50	48	47	46	44	41	38	32	24	15
3.5SDm4/11	0.75	1	61	7	1¼"/1½"		61	60	59	58	57	54	51	47	40	32	21
3.5SDm4/13	1.1	1.5	72	7	1¼"/1½"		72	71	69	68	66	64	60	54	48	39	28
3.5SDm4/18	1.5	2	100	7	1¼"/1½"		100	97	95	93	92	87	82	76	65	53	37
3.5SDm4/21	1.5	2	113	7	1¼"/1½"		113	111	109	107	106	102	96	88	77	63	48

4SDM DEEP WELL PUMP

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 483 L/min (29 m³/h)

Head up to 443 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 4"

Construction

Pump External Casing: Stainless steel
Impeller: POM
Diffuser: PC
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Oil filled rewindable motors(non- toxic oil for use with food). Single- phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box. Three-phase 380V/ 415V
Insulation: Class B
Protection: IP X8

*: The diffuser will assembled with stainless steel

MUNICIPAL IRRIGATION

*: 1- phase pump can be selected with control box (SDM) or without control box(SEM).
*: The Outlet/Connection can be made by brass/stainless steel/cast iron.
*: The diffuser will assembled with stainless steel when pump power above 2.2kw.

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70
4SDm2/8		0.37	0.5	58	4.4	1¼"/1½"/2"	H(m)	58	55	52	46	38	27	18	6
4SDm2/11		0.55	0.75	77	4.4	1¼"/1½"/2"		77	75	69	62	53	42	25	10
4SDm2/14	4SD2/14	0.75	1	98	4.4	1¼"/1½"/2"		98	92	87	79	68	55	31	14
4SDm2/16	4SD2/16	0.75	1	111	4.4	1¼"/1½"/2"		111	103	97	88	75	60	36	16
4SDm2/19	4SD2/19	1.1	1.5	132	4.4	1¼"/1½"/2"		132	125	118	107	93	73	43	18
4SDm2/22	4SD2/22	1.1	1.5	153	4.4	1¼"/1½"/2"		153	144	136	124	107	79	50	20
4SDm2/25	4SD2/25	1.5	2	172	4.4	1¼"/1½"/2"		172	158	145	132	112	89	60	23
4SDm2/28	4SD2/28	1.5	2	193	4.4	1¼"/1½"/2"		193	182	170	155	132	108	70	25
4SDm2/33	4SD2/33	2.2	3	230	4.4	1¼"/1½"/2"		230	218	203	187	161	125	83	28
4SDm2/38	4SD2/38	2.2	3	265	4.4	1¼"/1½"/2"		265	251	234	215	185	144	95	33
	4SD2/44	3	4	307	4.4	1¼"/1½"/2"		307	290	271	249	214	167	110	38
	4SD2/50	3	4	348	4.4	1¼"/1½"/2"		348	330	308	283	244	190	125	44
	4SD2/55	4	5.5	384	4.4	1¼"/1½"/2"		384	363	339	312	268	209	138	48
	4SD2/62	4	5.5	433	4.4	1¼"/1½"/2"		433	410	382	351	302	235	155	54

4SDM DEEP WELL PUMP

*: 1- phase pump can be selected with control box (SDM) or without control box(SEM).
*: The Outlet/Connection can be made by brass/stainless steel/cast iron.
*: The diffuser will assembled with stainless steel when pump power above 2.2kw.

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	30	40	50	60	70	80	90	100
4SDm3/7		0.37	0.5	53	6.3	1¼"/1½"/2"		53	46	42	40	34	28	22	13	4
4SDm3/9		0.55	0.75	68	6.3	1¼"/1½"/2"		68	59	54	51	44	36.3	29	17	6
4SDm3/11	4SD3/11	0.75	1	82	6.3	1¼"/1½"/2"		82	73	66	62	54	44	35	21	8
4SDm3/13	4SD3/13	0.75	1	98	6.3	1¼"/1½"/2"		98	85	78	74	63	53	42	24	9
4SDm3/15	4SD3/15	1.1	1.5	114	6.3	1¼"/1½"/2"		114	98	90	85	73	61	48	28	11
4SDm3/17	4SD3/17	1.1	1.5	129	6.3	1¼"/1½"/2"		129	111	102	97	83	69	54	32	12
4SDm3/19	4SD3/19	1.5	2	144	6.3	1¼"/1½"/2"		144	123	114	100	85	77	60	36	13
4SDm3/21	4SD3/21	1.5	2	154	6.3	1¼"/1½"/2"	H(m)	154	128	118	104	88	85	67	39	15
4SDm3/26	4SD3/26	2.2	3	192	6.3	1¼"/1½"/2"		192	154	140	126	110	105	83	49	18
4SDm3/30	4SD3/30	2.2	3	227	6.3	1¼"/1½"/2"		227	196	180	170	146	121	95	56	21
	4SD3/35	3	4	256	6.3	1¼"/1½"/2"		256	213	197	173	153	141	112	65	25
	4SD3/40	3	4	293	6.3	1¼"/1½"/2"		293	244	225	199	168	162	128	75	29
	4SD3/45	4	5.5	330	6.3	1¼"/1½"/2"		330	275	253	223	189	180	144	84	32
	4SD3/50	4	5.5	367	6.3	1¼"/1½"/2"		367	305	281	248	210	200	160	93	36
	4SD3/55	5.5	7.5	406	6.3	1¼"/1½"/2"		406	326	297	267	232	222	176	104	38
	4SD3/60	5.5	7.5	443	6.3	1¼"/1½"/2"		443	356	323	291	254	242	192	113	42

*: The diffuser will assembled with stainless steel when pump power above 3kw.

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	30	40	50	60	70	80	90	100	110
4SDm4/6		0.37	0.5	46	7.5	1¼"/1½"/2"		46	42	41	36	33	28	24	18	10	8
4SDm4/7		0.55	0.75	52	7.5	1¼"/1½"/2"		52	48	46	43	40	36	30	24	18	11
4SDm4/8	4SD4/8	0.75	1	60	7.5	1¼"/1½"/2"		60	55	53	51	48	44	39	32	24	13
4SDm4/10	4SD4/10	0.75	1	75	7.5	1¼"/1½"/2"		75	69	67	64	60	56	48	40	32	15
4SDm4/12	4SD4/12	1.1	1.5	89	7.5	1¼"/1½"/2"		89	84	81	78	72	66	59	48	36	18
4SDm4/14	4SD4/14	1.1	1.5	105	7.5	1¼"/1½"/2"		105	99	95	92	85	78	70	55	44	21
4SDm4/16	4SD4/16	1.5	2	121	7.5	1¼"/1½"/2"		121	113	107	102	95	84	74	58	46	24
4SDm4/18	4SD4/18	1.5	2	136	7.5	1¼"/1½"/2"	H(m)	136	126	121	117	105	96	84	70	50	27
4SDm4/21	4SD4/21	2.2	3	159	7.5	1¼"/1½"/2"		159	148	142	133	126	112	96	80	56	32
4SDm4/24	4SD4/24	2.2	3	177	7.5	1¼"/1½"/2"		177	164	158	151	144	130	110	95	74	37
	4SD4/28	3	4	206	7.5	1¼"/1½"/2"		206	191	184	176	168	151	126	106	79	43
	4SD4/32	3	4	242	7.5	1¼"/1½"/2"		242	226	216	210	186	158	130	126	85	49
	4SD4/36	4	5.5	264	7.5	1¼"/1½"/2"		264	243	230	207	189	162	146	141	87	55
	4SD4/40	4	5.5	293	7.5	1¼"/1½"/2"		293	270	255	230	210	180	150	120	90	60
	4SD4/45	5.5	7.5	330	7.5	1¼"/1½"/2"		330	304	287	259	236	203	169	135	101	68
	4SD4/50	5.5	7.5	367	7.5	1¼"/1½"/2"		367	338	319	288	262	226	188	150	112	75
	4SD4/55	7.5	10	404	7.5	1¼"/1½"/2"		404	372	351	316	288	249	207	165	123	83
	4SD4/60	7.5	10	440	7.5	1¼"/1½"/2"		440	406	383	345	314	273	226	180	134	91

DEEP WELL PUMP

4SDM DEEP WELL PUMP

*: 1- phase pump can be selected with control box (SDM) or without control box(SEM).
*: The Outlet/Connection can be made by brass/stainless steel/cast iron.
*: The diffuser will assembled with stainless steel when pump power above 4kw.

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	20	40	60	80	100	120	140
4SDm6/5		0.37	0.5	34	9.6	1½"/2"		34	33	32	30	27	23	18	10
4SDm6/6		0.55	0.75	41	9.6	1½"/2"		41	39	36	34	29	24	19	12
4SDm6/7	4SD6/7	0.75	1	49	9.6	1½"/2"		49	46	44	41	38	32	23	13
4SDm6/8	4SD6/8	0.75	1	54	9.6	1½"/2"		54	52	50	46	40	33	22	14
4SDm6/9	4SD6/9	1.1	1.5	62	9.6	1½"/2"		62	59	56	52	48	39	30	17
4SDm6/11	4SD6/11	1.1	1.5	76	9.6	1½"/2"		76	72	70	64	58	50	38	21
4SDm6/12	4SD6/12	1.5	2	83	9.6	1½"/2"		83	79	75	72	66	54	45	25
4SDm6/14	4SD6/14	1.5	2	97	9.6	1½"/2"		97	93	89	84	77	60	50	27
4SDm6/15	4SD6/15	1.5	2	102	9.6	1½"/2"		102	99	94	87	79	65	51	29
4SDm6/17	4SD6/17	2.2	3	116	9.6	1½"/2"	H(m)	116	111	107	100	91	78	59	36
4SDm6/20	4SD6/20	2.2	3	136	9.6	1½"/2"		136	131	125	115	105	86	67	38
	4SD6/23	3	4	156	9.6	1½"/2"		156	151	144	132	121	99	77	44
	4SD6/26	3	4	177	9.6	1½"/2"		177	170	163	150	137	112	87	49
	4SD6/30	4	5.5	207	9.6	1½"/2"		207	197	187	174	160	130	100	57
	4SD6/34	4	5.5	232	9.6	1½"/2"		232	222	214	200	182	156	118	72
	4SD6/38	5.5	7.5	259	9.6	1½"/2"		259	249	238	219	200	163	127	72
	4SD6/42	5.5	7.5	285	9.6	1½"/2"		285	275	263	242	220	181	141	80
	4SD6/46	7.5	10	313	9.6	1½"/2"		313	301	288	265	242	198	154	88
	4SD6/50	7.5	10	341	9.6	1½"/2"		341	327	314	288	264	216	168	94

*: The diffuser will assembled with stainless steel when pump power above 5.5kw.

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	20	40	60	80	100	120	140	160	180
4SDm8/5		0.55	0.75	30	12.9	2"		30	28	27	25	24	23	21	19	16	11
4SDm8/6	4SD8/6	0.75	1	36	12.9	2"		36	33	32	30	29	28	25	23	19	14
4SDm8/7	4SD8/7	0.75	1	43	12.9	2"		43	40	38	36	35	33	29	27	23	15
4SDm8/8	4SD8/8	1.1	1.5	50	12.9	2"		50	47	45	43	41	39	36	32	27	20
4SDm8/9	4SD8/9	1.1	1.5	56	12.9	2"		56	53	49	47	46	43	39	36	30	22
4SDm8/10	4SD8/10	1.5	2	63	12.9	2"		63	59	56	53	51	49	45	40	32	25
4SDm8/12	4SD8/12	1.5	2	75	12.9	2"		75	71	67	64	62	58	54	48	40	30
4SDm8/15	4SD8/15	2.2	3	93	12.9	2"		93	88	82	80	77	72	67	60	50	35
4SDm8/18	4SD8/18	2.2	3	112	12.9	2"		112	106	99	96	94	87	81	72	60	42
	4SD8/21	3	4	127	12.9	2"	H(m)	127	123	114	108	105	98	91	80	68	50
	4SD8/24	3	4	149	12.9	2"		149	143	134	128	122	115	107	95	78	60
	4SD8/27	4	5.5	163	12.9	2"		163	153	144	138	135	125	116	102	88	65
	4SD8/29	4	5.5	178	12.9	2"		178	164	156	150	144	132	124	104	90	67
	4SD8/30	4	5.5	183	12.9	2"		183	171	162	155	152	139	130	114	95	73
	4SD8/34	5.5	7.5	207	12.9	2"		207	194	184	176	172	158	147	129	108	83
	4SD8/38	5.5	7.5	220	12.9	2"		220	210	204	193	187	176	160	143	116	88
	4SD8/42	7.5	10	243	12.9	2"		243	232	225	213	207	195	177	158	128	98
	4SD8/46	7.5	10	266	12.9	2"		266	252	243	234	227	214	192	171	140	104

4SDM DEEP WELL PUMP

*: 1- phase pump can be selected with control box (SDM) or without control box(SEM).
*: The Outlet/Connection can be made by brass/stainless steel/cast iron.
*: The diffuser will assembled with stainless steel when pump power above 5.5kw.

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	60	80	100	120	140	160	180	200	220
4SDm10/4	4SD10/4	0.75	1	23	14.5	2"		23	21	20	19	18	16	14	11	8	4
4SDm10/5	4SD10/5	0.75	1	31	14.5	2"		31	28	27	26	25	22	21	17	12	6
4SDm10/6	4SD10/6	1.1	1.5	37	14.5	2"		37	34	33	32	31	28	26	22	17	9
4SDm10/7	4SD10/7	1.1	1.5	43	14.5	2"		43	39	38	36	35	32	28	24	19	12
4SDm10/8	4SD10/8	1.5	2	49	14.5	2"		49	45	44	42	40	38	34	28	22	15
4SDm10/10	4SD10/10	1.5	2	61	14.5	2"		61	55	54	51	49	46	42	35	28	17
4SDm10/12	4SD10/12	2.2	3	73	14.5	2"		73	66	65	62	60	56	50	43	32	22
4SDm10/14	4SD10/14	2.2	3	85	14.5	2"	H(m)	85	77	75	73	69	65	57	49	38	24
	4SD10/16	3	4	97	14.5	2"		97	87	85	82	78	73	65	55	42	26
	4SD10/18	3	4	108	14.5	2"		108	100	96	95	90	83	77	66	51	28
	4SD10/20	4	5.5	121	14.5	2"		121	108	106	103	98	91	82	70	54	30
	4SD10/22	4	5.5	131	14.5	2"		131	121	117	115	109	102	91	77	60	32
	4SD10/25	5.5	7.5	143	14.5	2"		143	131	128	125	121	110	99	82	62	33
	4SD10/28	5.5	7.5	160	14.5	2"		160	150	148	142	130	123	107	88	65	34
	4SD10/31	7.5	10	176	14.5	2"		176	163	158	153	146	133	119	99	72	36
	4SD10/34	7.5	10	193	14.5	2"		193	183	175	170	160	148	130	106	80	38
	4SD10/36	7.5	10	205	14.5	2"		205	192	188	180	171	156	136	112	82	40

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	30	60	90	120	150	180	210	240	270
4SDm12/3	4SD12/3	0.75	1	19	17.9	2"		19	17	16	15	14	13	10	8	5	2
4SDm12/4	4SD12/4	0.75	1	25	17.9	2"		25	23	21	20	19	17	14	11	7	3
4SDm12/5	4SD12/5	1.1	1.5	31	17.9	2"		31	29	27	25	23	21	18	13	8	3
4SDm12/6	4SD12/6	1.1	1.5	37	17.9	2"		37	35	32	30	28	25	21	16	10	4
4SDm12/7	4SD12/7	1.5	2	43	17.9	2"		43	41	37	35	33	29	25	18	12	5
4SDm12/8	4SD12/8	1.5	2	49	17.9	2"		49	46	43	41	37	34	29	23	15	6
4SDm12/10	4SD12/10	2.2	3	62	17.9	2"	H(m)	62	58	56	54	50	46	41	34	28	14
4SDm12/12	4SD12/12	2.2	3	75	17.9	2"		75	70	67	63	58	53	47	39	34	18
	4SD12/14	3	4	88	17.9	2"		88	82	78	74	68	62	55	46	40	21
	4SD12/16	3	4	100	17.9	2"		100	93	89	84	77	71	63	52	45	24
	4SD12/18	4	5.5	109	17.9	2"		109	103	96	91	83	78	66	54	48	25
	4SD12/20	4	5.5	124	17.9	2"		124	117	113	107	98	88	78	65	50	26
	4SD12/23	5.5	7.5	143	17.9	2"		143	135	130	123	113	101	90	75	58	30
	4SD12/26	5.5	7.5	161	17.9	2"		161	153	145	140	132	120	102	88	65	40
	4SD12/29	7.5	10	183	17.9	2"		183	174	163	157	150	138	120	100	77	45
	4SD12/32	7.5	10	202	17.9	2"		202	192	180	173	165	152	132	110	85	50

4SDM DEEP WELL PUMP

*: 1- phase pump can be selected with control box (SDM) or without control box(SEM).
*: The Outlet/Connection can be made by brass/stainless steel/cast iron.

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	7.2	9.6	12	14.4	16.8	19.2	21.6	24	26.3
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	120	160	200	240	280	320	360	400	440
4SDm16/3	4SD16/3	1.1	1.5	18	29	2"		18	16	15	14	12	11	9	8	4	3
4SDm16/4	4SD16/4	1.1	1.5	24	29	2"		24	21	20	18	15	14	12	11	6	4
4SDm16/5	4SD16/5	1.5	2	30	29	2"		30	26	25	23	19	18	14	13	8	4
4SDm16/6	4SD16/6	1.5	2	36	29	2"		36	31	30	27	23	21	17	16	9	5
4SDm16/8	4SD16/8	2.2	3	48	29	2"		48	42	39	35	33	29	23	19	14	8
4SDm16/9	4SD16/9	2.2	3	54	29	2"		54	47	44	39	37	32	26	21	16	9
	4SD16/11	3	4	64	29	2"	H(m)	64	57	53	50	45	40	34	29	22	15
	4SD16/12	3	4	72	29	2"		72	65	62	55	51	44	36	30	22	16
	4SD16/14	4	5.5	87	29	2"		87	78	73	68	63	56	49	36	26	18
	4SD16/16	4	5.5	93	29	2"		93	83	77	72	65	58	54	40	29	20
	4SD16/18	5.5	7.5	109	29	2"		109	96	91	84	78	70	59	53	38	23
	4SD16/20	5.5	7.5	120	29	2"		120	109	100	94	85	76	70	55	40	26
	4SD16/22	7.5	10	133	29	2"		133	119	113	104	97	84	73	62	48	32
	4SD16/24	7.5	10	145	29	2"		145	130	123	113	105	92	80	68	52	35
	4SD16/25	7.5	10	154	29	2"		154	140	132	122	112	102	88	75	56	37

4STM DEEP WELL PUMP


Control box for 1- phase


Control box for 3- phase


Impeller/PPO


Diffuser cover/ SUS304


Diffuser/PC+GF


Connector/ SUS304

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 300 L/min (18 m³/h)

Head up to 308 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 4"

Construction

Pump External Casing: Stainless steel
Impeller: PPO
Diffuser: PC+GF
Connector:SUS304
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Single- phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box. Three-phase 380V/ 415V
Insulation: Class B
Protection: IP X8

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	5	10	15	20	25
4STm1/13	4ST1/13	0.37	0.5	86	1.8	1¼"/1½"/2"		86	78	70	56	42	23
4STm1/19	4ST1/19	0.55	0.75	126	1.8	1¼"/1½"/2"	H(m)	126	118	105	86	60	30
4STm1/26	4ST1/26	0.75	1	173	1.8	1¼"/1½"/2"		173	160	141	117	81	39
4STm1/38	4ST1/38	1.1	1.5	253	1.8	1¼"/1½"/2"		253	234	208	169	117	52

4STM DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60
4STm2/7	4ST2/7	0.37	0.5	46	4	1¼"/1½"/2"	H(m)	46	45	40	35	26	18	9
4STm2/10	4ST2/10	0.55	0.75	65	4	1¼"/1½"/2"		65	63	57	50	37	25	12
4STm2/14	4ST2/14	0.75	1	91	4	1¼"/1½"/2"		91	89	80	70	52	35	17
4STm2/20	4ST2/20	1.1	1.5	130	4	1¼"/1½"/2"		130	127	115	100	74	50	24
4STm2/28	4ST2/28	1.5	2	182	4	1¼"/1½"/2"		182	178	161	140	103	70	34
4STm2/40	4ST2/40	2.2	3	260	4	1¼"/1½"/2"		260	254	230	200	148	100	48

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90	100
4STm4/5	4ST4/5	0.37	0.5	32	6.8	1½"/2"	H(m)	32	31	29	27	26	24	22	19	17	14	10
4STm4/7	4ST4/7	0.55	0.75	45	6.8	1½"/2"		45	43	41	38	37	34	30	27	23	19	14
4STm4/9	4ST4/9	0.75	1	57	6.8	1½"/2"		57	55	53	50	47	44	39	35	30	24	18
4STm4/14	4ST4/14	1.1	1.5	90	6.8	1½"/2"		90	86	82	77	74	68	61	54	47	38	28
4STm4/18	4ST4/18	1.5	2	115	6.8	1½"/2"		115	111	106	100	95	88	79	70	61	48	36
4STm4/27	4ST4/27	2.2	3	173	6.8	1½"/2"		173	167	159	150	143	132	118	105	91	73	54
	4ST4/35	3	4	225	6.8	1½"/2"		225	217	206	194	185	171	154	136	119	94	70
	4ST4/48	4	5.5	308	6.8	1½"/2"		308	297	283	267	254	235	211	187	163	129	96

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	20	40	60	80	100	120	140	160
4STm6/7	4ST6/7	0.75	1	42	10.2	1½"/2"	H(m)	42	40	37	35	30	27	23	17	6
4STm6/10	4ST6/10	1.1	1.5	60	10.2	1½"/2"		60	58	54	50	43	39	33	25	9
4STm6/14	4ST6/14	1.5	2	84	10.2	1½"/2"		84	81	75	70	60	54	46	35	12
4STm6/20	4ST6/20	2.2	3	120	10.2	1½"/2"		120	116	108	100	86	78	66	50	18
	4ST6/27	3	4	162	10.2	1½"/2"		162	156	145	135	116	105	89	67	24
	4ST6/36	4	5.5	216	10.2	1½"/2"		216	208	194	180	154	140	118	90	32
	4ST6/49	5.5	7.5	294	10.2	1½"/2"		294	284	264	245	210	191	162	122	44

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	40	60	80	100	120	140	160	180	200
4STm8/4	4ST8/4	0.75	1	25	13.8	2"	H(m)	25	22	22	21	20	19	17	16	13	9
4STm8/6	4ST8/6	1.1	1.5	37	13.8	2"		37	34	33	31	30	28	26	24	20	14
4STm8/8	4ST8/8	1.5	2	50	13.8	2"		50	45	44	42	40	38	35	32	27	18
4STm8/13	4ST8/13	2.2	3	81	13.8	2"		81	74	71	68	6	62	57	52	44	30
	4ST8/17	3	4	106	13.8	2"		106	96	93	90	86	81	74	68	57	39
	4ST8/23	4	5.5	143	13.8	2"		143	131	126	121	117	110	101	92	78	54
	4ST8/32	5.5	7.5	200	13.8	2"		200	182	176	169	163	153	140	128	108	75

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	30	60	90	120	150	180	210	240
4STm10/7	4ST10/7	1.1	1.5	39	15.6	2"	H(m)	39	37	35	32	28	23	19	13	6
4STm10/10	4ST10/10	1.5	2	56	15.6	2"		56	53	50	46	40	34	28	19	9
4STm10/14	4ST10/14	2.2	3	78	15.6	2"		78	74	70	64	56	47	39	26	12
	4ST10/18	3	4	100	15.6	2"		100	95	90	82	72	61	50	34	16
	4ST10/24	4	5.5	134	15.6	2"		134	127	120	110	96	81	67	45	21
	4ST10/32	5.5	7.5	179	15.6	2"		179	169	160	147	128	108	89	60	28

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	30	60	90	120	150	180	210	240	270
4STm12/7	4ST12/7	1.5	2	42	18	2"	H(m)	42	41	39	36	32	29	24	19	11	6
4STm12/10	4ST12/10	2.2	3	61	18	2"		61	59	56	52	47	42	35	28	17	9
	4ST12/14	3	4	85	18	2"		85	82	78	72	65	58	49	39	23	12
	4ST12/19	4	5.5	115	18	2"		115	112	106	98	89	79	66	53	32	17
	4ST12/26	5.5	7.5	158	18	2"		158	153	145	135	122	109	91	72	44	23

4SRM DEEP WELL PUMP

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.


Diffuser cover/SUS304


Impeller/PC


Diffuser/POM


Top chock/SUS304


Outlet/SUS304


Connector/SUS304

Flow rate up to 300 L/min (18 m³/h)

Head up to 388 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 4"

Construction

Delivery Body: Stainless steel AISI 304
Diffuser:POM
Top chock:SUS304
Outlet:SUS304
Connector:SUS304
Pump Shaft: Stainless steel
Drive Coupling: Stainless steel AISI 304
Electric Motor: Oil filled rewindable motors (non- toxic oil for use with food) Single- phase 220V/ 230V-50Hz with condenser thermal overload protector built into the copper winding, equiped with start control box. Three-phase 380V/ 415V
Insulation: Class F
Protection: IP 68

MUNICIPAL IRRIGATION

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60
4SRm2/7	4SR2/7	0.37	0.5	42	3.9	1¼"/1½"/2"	H(m)	42	40	36	33	23	13	2
4SRm2/10	4SR2/10	0.55	0.75	63	3.9	1¼"/1½"/2"		63	60	56	49	39	26	13
4SRm2/13	4SR2/13	0.75	1	82	3.9	1¼"/1½"/2"		82	80	78	70	55	40	18
4SRm2/20	4SR2/20	1.1	1.5	128	3.9	1¼"/1½"/2"		128	120	113	102	77	52	23
4SRm2/27	4SR2/27	1.5	2	175	3.9	1¼"/1½"/2"		175	169	162	145	110	78	36
4SRm2/32	4SR2/32	2.2	3	198	3.9	1¼"/1½"/2"		198	187	170	150	123	83	42

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6.6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	20	30	40	50	60	70	80	90	110
4SRm4/5	4SR4/5	0.37	0.5	33	7.4	1¼"/1½"/2"	H(m)	33	31	31	29	29	27	24	20	16	7
4SRm4/7	4SR4/7	0.55	0.75	46	7.4	1¼"/1½"/2"		46	44	43	41	40	37	33	28	23	10
4SRm4/9	4SR4/9	0.75	1	60	7.4	1¼"/1½"/2"		60	56	55	54	50	48	44	38	30	12
4SRm4/14	4SR4/14	1.1	1.5	92	7.4	1¼"/1½"/2"		92	88	85	80	78	73	68	58	50	22
4SRm4/18	4SR4/18	1.5	2	117	7.4	1¼"/1½"/2"		117	110	108	104	100	92	84	76	63	26
4SRm4/26	4SR4/26	2.2	3	164	7.4	1¼"/1½"/2"		164	155	147	139	130	119	105	86	72	30
	4SR4/35	3	4	226	7.4	1¼"/1½"/2"		226	216	211	198	188	175	162	137	108	46
	4SR4/46	4	5.5	298	7.4	1¼"/1½"/2"		298	285	278	260	248	230	212	180	142	60
	4SR4/60	5.5	7.5	388	7.4	1¼"/1½"/2"		388	371	362	339	323	300	277	233	185	78

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	20	40	60	80	100	120	140	160
4SRm6/7	4SR6/7	0.75	1	42	10.3	1½"/2"	H(m)	42	40	37	35	30	27	23	17	6
4SRm6/10	4SR6/10	1.1	1.5	60	10.3	1½"/2"		60	58	54	50	43	39	33	25	9
4SRm6/14	4SR6/14	1.5	2	84	10.3	1½"/2"		84	81	75	70	60	54	46	35	12
4SRm6/20	4SR6/20	2.2	3	120	10.3	1½"/2"		120	116	108	100	86	78	66	50	18
	4SR6/27	3	4	162	10.3	1½"/2"		162	156	145	135	116	105	89	67	24
	4SR6/36	4	5.5	216	10.3	1½"/2"		216	208	194	180	154	140	118	90	32
	4SR6/49	5.5	7.5	294	10.3	1½"/2"		294	284	264	245	210	191	162	122	44

4SRM DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	13.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	40	60	80	100	120	140	160	180	220
4SRm8/4	4SR8/4	0.75	1	25	14.4	2"	H(m)	25	23	22	21	21	20	19	17	17	6
4SRm8/6	4SR8/6	1.1	1.5	37	14.4	2"		37	34	33	32	32	31	28	26	25	10
4SRm8/8	4SR8/8	1.5	2	50	14.4	2"		50	45	45	43	43	41	38	35	33	13
4SRm8/13	4SR8/13	2.2	3	80	14.4	2"		80	75	74	71	69	66	59	52	44	16
	4SR8/17	3	4	105	14.4	2"		105	96	96	92	91	87	80	74	71	28
	4SR8/23	4	5.5	142	14.4	2"		142	135	132	128	125	120	113	105	83	38
	4SR8/32	5.5	7.5	200	14.4	2"		200	180	180	173	171	164	150	139	134	53

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	30	60	90	120	150	180	210	240
4SRm10/7	4SR10/7	1.1	1.5	39	15.6	2"	H(m)	39	37	35	32	28	23	19	13	6
4SRm10/10	4SR10/10	1.5	2	56	15.6	2"		56	53	50	46	40	34	28	19	9
4SRm10/14	4SR10/14	2.2	3	78	15.6	2"		78	74	70	64	56	47	39	26	12
	4SR10/18	3	4	100	15.6	2"		100	95	90	82	72	61	50	34	16
	4SR10/24	4	5.5	134	15.6	2"		134	127	120	110	96	81	67	45	21
	4SR10/32	5.5	7.5	179	15.6	2"		179	169	160	147	128	108	89	60	28

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	30	60	90	120	150	180	210	240	270
4SRm12/7	4SR12/7	1.5	2	42	18	2"	H(m)	42	41	39	36	32	29	24	19	11	6
4SRm12/10	4SR12/10	2.2	3	61	18	2"		61	59	56	52	47	42	35	28	17	9
	4SR12/14	3	4	85	18	2"		85	82	78	72	65	58	49	39	23	12
	4SR12/19	4	5.5	115	18	2"		115	112	106	98	89	79	66	53	32	17
	4SR12/26	5.5	7.5	158	18	2"		158	153	145	135	122	109	91	72	44	23

5SR DEEP WELL PUMP

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Power ≤ 7.5kw

Power ≥ 9.2kw

Impeller/PPO

Diffuser/POM

Outlet/SUS304

Connector/SUS304

Flow rate up to 533 L/min (32 m³/h)

Head up to 524 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium i s not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 5"

Construction

Pump External Casing: Stainless steel
Impeller: PPO
Diffuser: POM
Motor External Casing: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Three- phase 380V/ 415V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box.
Insulation: Class B
Protection: IP X8

5SR DEEP WELL PUMP

MUNICIPAL IRRIGATION

: Model with""match 4 inch motor.

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.5	3	4.5	6	7.5	10.5	13.5
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	25	50	75	100	125	175	225
5SR8/3*	380V/50Hz	1.1	1.5	37	14	2"	H(m)	37	36	32	32	30	27	19	10
5SR8/4*	380V/50Hz	1.5	2	50	14	2"		50	49	42	43	40	35	25	13
5SR8/7	380V/50Hz	2.2	3	87	14	2"		87	85	75	75	70	61	45	23
5SR8/9	380V/50Hz	3	4	111	14	2"		111	109	98	96	90	80	62	30
5SR8/12	380V/50Hz	4	5.5	149	14	2"		149	146	131	128	120	106	83	40
5SR8/16	380V/50Hz	5.5	7.5	200	14	2"		200	197	176	171	160	142	109	53
5SR8/22	380V/50Hz	7.5	10	271	14	2"		271	265	236	235	220	184	144	73
5SR8/27	380V/50Hz	9.2	12.5	332	14	2"		332	326	295	288	270	234	180	90
5SR8/33	380V/50Hz	11	15	393	14	2"		393	384	346	352	330	264	208	110
5SR8/40	380V/50Hz	13	17.5	476	14	2"		476	468	420	427	400	320	253	133
5SR8/44	380V/50Hz	15	20	524	14	2"		524	516	462	469	440	352	276	147

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	3	6	9	12	15	18	21
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	50	100	150	200	250	300	350
5SR12/2*	380V/50Hz	1.1	1.5	19	23	2"	H(m)	19	18	18	17	16	15	12	9
5SR12/3*	380V/50Hz	1.5	2	28	23	2"		28	27	26	25	24	22	18	14
5SR12/4	380V/50Hz	2.2	3	37	23	2"		37	36	35	34	32	29	24	18
5SR12/6	380V/50Hz	3	4	55	23	2"		55	53	52	50	47	41	34	26
5SR12/8	380V/50Hz	4	5.5	73	23	2"		73	71	70	67	63	56	46	34
5SR12/11	380V/50Hz	5.5	7.5	102	23	2"		102	100	99	95	92	82	68	52
5SR12/15	380V/50Hz	7.5	10	140	23	2"		140	137	132	128	116	102	84	60
5SR12/18	380V/50Hz	9.2	12.5	166	23	2"		166	163	160	152	146	130	106	80
5SR12/22	380V/50Hz	11	15	203	23	2"		203	200	196	188	180	159	132	100
5SR12/26	380V/50Hz	13	17.5	240	23	2"		240	236	232	222	213	188	156	118
5SR12/29	380V/50Hz	15	20	268	23	2"		268	264	258	248	237	210	174	132

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	3	6	9	12	15	18	21	24	27
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	50	100	150	200	250	300	350	400	450
5SR20/2	380V/50Hz	1.1	1.5	19	32	2"	H(m)	19	19	19	18	18	17	15	14	13	11
5SR20/3	380V/50Hz	2.2	3	29	32	2"		29	29	28	27	27	25	23	22	19	16
5SR20/5	380V/50Hz	3	4	48	32	2"		48	48	47	46	44	42	39	36	31	27
5SR20/6	380V/50Hz	4	5.5	59	32	2"		59	57	57	55	53	50	46	43	38	32
5SR20/9	380V/50Hz	5.5	7.5	88	32	2"		88	86	85	82	80	75	69	65	56	48
5SR20/12	380V/50Hz	7.5	10	118	32	2"		118	114	113	110	106	100	93	86	75	64
5SR20/15	380V/50Hz	9.2	12.5	147	32	2"		147	143	141	137	133	125	116	108	94	80
5SR20/18	380V/50Hz	11	15	176	32	2"		176	171	170	164	159	150	139	129	113	96
5SR20/21	380V/50Hz	13	17.5	201	32	2"		201	200	198	192	186	175	162	151	131	112
5SR20/24	380V/50Hz	15	20	235	32	2"		235	228	226	219	212	200	185	172	150	128

6SR DEEP WELL PUMP

Installation And Use

This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 1300 L/min (78 m³/h)

Head up to 556 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 6"

Construction

Pump External Casing: Stainless steel
Impeller: PC
Diffuser: PC
Attachment Bracket:Qt600
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box. Three-phase 380V/ 415V
Insulation: Class B
Protection: IP X8

MUNCIPAL IRRIGATION

Model (Three-phase)	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	3	6	9	12	15	18	21
							Q (L/min)	0	50	100	150	200	250	300	350
6SR10/4	380V/50Hz	2.2	3	54	23	3"		54	52	49	45	38	32	25	16
6SR10/6	380V/50Hz	3	4	81	23	3"		81	78	73	67	57	48	37	24
6SR10/8	380V/50Hz	4	5.5	109	23	3"		109	105	98	89	77	64	49	32
6SR10/11	380V/50Hz	5.5	7.5	149	23	3"		149	144	134	123	105	88	68	44
6SR10/13	380V/50Hz	7.5	10	176	23	3"		176	170	159	145	124	104	80	52
6SR10/14	380V/50Hz	7.5	10	190	23	3"		190	183	171	156	134	112	86	56
6SR10/15	380V/50Hz	7.5	10	204	23	3"		204	196	183	167	144	120	92	60
6SR10/18	380V/50Hz	9.2	12.5	244	23	3"		244	235	220	201	172	144	111	72
6SR10/22	380V/50Hz	11	15	299	23	3"	H(m)	299	288	269	245	211	176	135	88
6SR10/25	380V/50Hz	13	17.5	339	23	3"		339	327	305	279	239	200	154	100
6SR10/28	380V/50Hz	15	20	380	23	3"		380	366	342	312	268	224	172	112
6SR10/29	380V/50Hz	15	20	394	23	3"		394	379	354	323	278	232	178	116
6SR10/34	380V/50Hz	18.5	25	461	23	3"		461	444	415	379	325	272	209	136
6SR10/38	380V/50Hz	22	30	516	23	3"		516	497	464	423	364	304	233	152
6SR10/41	380V/50Hz	22	30	556	23	3"		556	536	501	457	392	328	252	164

Model (Three-phase)	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	9	12	15	18	21	24	27
							Q (L/min)	0	150	200	250	300	350	400	450
6SR18/7	380V/50Hz	5.5	7.5	94	29	3"/4"		94	85	76	68	55	41	30	10
6SR18/9	380V/50Hz	7.5	10	121	29	3"/4"		121	109	98	87	71	52	38	13
6SR18/11	380V/50Hz	9.2	12.5	154	29	3"/4"		154	133	120	112	88	65	48	18
6SR18/13	380V/50Hz	11	15	186	29	3"/4"		186	157	142	142	114	82	66	24
6SR18/15	380V/50Hz	13	17.5	212	29	3"/4"	H(m)	212	182	164	156	132	90	70	26
6SR18/18	380V/50Hz	15	20	254	29	3"/4"		254	218	196	187	158	108	84	31
6SR18/22	380V/50Hz	18.5	25	311	29	3"/4"		311	266	240	229	194	132	103	38
6SR18/26	380V/50Hz	22	30	368	29	3"/4"		368	315	283	270	229	156	121	45
6SR18/30	380V/50Hz	26	35	425	29	3"/4"		425	363	327	311	265	180	140	52

6SR DEEP WELL PUMP

MUNCIPAL IRRIGATION

Model (Three-phase)	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	18	21	24	27	30	36	42
							Q (L/min)	0	300	350	400	450	500	600	700
6SR30/4	380V/50Hz	5.5	7.5	54	43	3"/4"		54	42	40	38	33	29	18	4
6SR30/5	380V/50Hz	5.5	7.5	68	43	3"/4"		68	53	50	48	41	36	23	5
6SR30/6	380V/50Hz	7.5	10	85	43	3"/4"		85	66	61	56	50	43	27	7
6SR30/7	380V/50Hz	7.5	10	99	43	3"/4"		99	77	70	63	56	50	32	9
6SR30/9	380V/50Hz	9.2	12.5	128	43	3"/4"		128	99	90	81	72	64	41	12
6SR30/10	380V/50Hz	11	15	141	43	3"/4"		141	110	100	90	80	72	46	13
6SR30/11	380V/50Hz	11	15	156	43	3"/4"	H(m)	156	125	120	108	96	86	48	15
6SR30/13	380V/50Hz	13	17.5	186	43	3"/4"		186	143	130	156	104	93	59	17
6SR30/14	380V/50Hz	15	20	200	43	3"/4"		200	154	140	168	112	100	64	18
6SR30/15	380V/50Hz	15	20	215	43	3"/4"		215	165	150	180	120	107	69	20
6SR30/18	380V/50Hz	18.5	25	258	43	3"/4"		258	198	180	216	144	128	83	24
6SR30/21	380V/50Hz	22	30	301	43	3"/4"		301	231	210	252	168	150	97	28
6SR30/24	380V/50Hz	26	35	344	43	3"/4"		344	264	240	288	192	171	111	32

Model (Three-phase)	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	24	30	36	42	48	54	60
							Q (L/min)	0	400	500	600	700	800	900	1000
6SR45/5	380V/50Hz	7.5	10	77	63	3"/4"		77	56	50	44	36	29	21	13
6SR45/6	380V/50Hz	9.2	12.5	92	63	3"/4"		92	67	60	53	43	35	25	15
6SR45/7	380V/50Hz	11	15	107	63	3"/4"		107	78	70	62	50	41	29	17
6SR45/8	380V/50Hz	13	17.5	122	63	3"/4"		122	89	80	71	57	47	33	19
6SR45/9	380V/50Hz	15	20	138	63	3"/4"	H(m)	138	100	90	80	64	53	37	21
6SR45/10	380V/50Hz	18.5	25	154	63	3"/4"		154	111	100	89	72	59	41	23
6SR45/12	380V/50Hz	22	30	185	63	3"/4"		185	133	120	107	86	71	49	27
6SR45/14	380V/50Hz	26	35	216	63	3"/4"		216	155	140	125	100	83	57	32

Model (Three-phase)	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	24	30	36	42	48	54	60	66	72
							Q (L/min)	0	400	500	600	700	800	900	1000	1100	1200
6SR60/4	380V/50Hz	7.5	10	50	78	3"/4"		50	44	41	39	35	30	26	21	14	8
6SR60/5	380V/50Hz	11	15	62	78	3"/4"		62	55	52	49	44	38	32	26	18	10
6SR60/6	380V/50Hz	13	17.5	74	78	3"/4"		74	66	62	58	53	46	38	31	21	12
6SR60/7	380V/50Hz	15	20	87	78	3"/4"	H(M)	87	77	72	68	62	53	45	36	25	14
6SR60/8	380V/50Hz	18.5	25	97	78	3"/4"		97	88	82	78	70	61	51	42	28	16
6SR60/9	380V/50Hz	18.5	25	109	78	3"/4"		109	99	93	87	79	68	58	47	32	18
6SR60/10	380V/50Hz	22	30	124	78	3"/4"		124	110	103	97	88	76	64	52	35	20
6SR60/11	380V/50Hz	26	35	135	78	3"/4"		135	121	113	107	97	84	70	57	39	22
6SR60/12	380V/50Hz	26	35	146	78	3"/4"		146	132	124	116	106	91	77	62	42	24
6SR60/13	380V/50Hz	30	40	158	78	3"/4"		158	143	134	126	114	99	83	68	46	26

4SPM DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 333 L/min (20 m³/h)

Head up to 349 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 4"

Construction

Pump External Casing: Stainless steel
Impeller: Stainless steel
Diffuser: Stainless steel
Motor External Casing: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Single- phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box. Three-phase 380V/ 415V
Insulation: Class B
Protection: IP X8

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.3	0.6	1	1.2	1.5
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	5	10	17	20	25
4SPm1/9		0.37	0.5	52	3	1¼"	H(m)	52	49	45	34	31	20
4SPm1/14		0.37	0.5	77	3	1¼"		77	73	66	50	46	35
4SPm1/18		0.55	0.75	100	3	1¼"		100	94	86	67	58	41
4SPm1/21		0.55	0.75	116	3	1¼"		116	108	98	76	64	48
4SPm1/28	4SP1/28	0.75	1	160	3	1¼"		160	150	132	102	83	61
4SPm1/36	4SP1/36	1.1	1.5	197	3	1¼"		197	185	168	117	112	81
4SPm1/42	4SP1/42	1.1	1.5	216	3	1¼"		216	205	183	134	121	85

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	5	10	15	20	25	30	35	40	45
4SPm2/9		0.37	0.5	53	3	1¼"	H(m)	53	52	50	48	46	43	38	32	24	14
4SPm2/13		0.55	0.75	77	3	1¼"		77	75	73	70	66	61	55	46	35	20
4SPm2/18	4SP2/18	0.75	1	107	3	1¼"		107	104	100	97	92	85	76	63	48	28
4SPm2/23	4SP2/23	1.1	1.5	136	3	1¼"		136	133	128	123	117	109	97	81	61	36
4SPm2/28	4SP2/28	1.5	2	166	3	1¼"		166	161	156	150	143	132	118	99	74	43
4SPm2/33	4SP2/33	1.5	2	189	3	1¼"		189	190	184	177	169	156	139	117	87	51
4SPm2/40	4SP2/40	2.2	3	237	3	1¼"		237	231	223	215	204	189	169	141	106	62
4SPm2/48	4SP2/48	2.2	3	284	3	1¼"		284	277	268	258	245	227	203	169	127	74
	4SP2/55	3	4	326	3	1¼"		326	318	307	296	280	260	232	194	146	85

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70
4SPm3/6		0.37	0.5	36	4.8	1¼"	H(m)	36	35	33	31	29	26	21	13
4SPm3/9		0.55	0.75	55	4.8	1¼"		55	52	50	47	44	39	31	19
4SPm3/12	4SP3/12	0.75	1	73	4.8	1¼"		73	70	67	63	58	51	41	25
4SPm3/15	4SP3/15	1.1	1.5	92	4.8	1¼"		92	88	84	79	73	64	51	31
4SPm3/18	4SP3/18	1.1	1.5	109	4.8	1¼"		109	105	100	94	87	77	62	38
4SPm3/22	4SP3/22	1.5	2	134	4.8	1¼"		134	128	122	115	107	94	76	47
4SPm3/25	4SP3/25	1.5	2	151	4.8	1¼"		151	146	135	125	115	107	78	53
4SPm3/29	4SP3/29	2.2	3	177	4.8	1¼"		177	170	162	151	138	124	92	62
4SPm3/33	4SP3/33	2.2	3	198	4.8	1¼"		198	190	182	174	164	141	118	80
	4SP3/39	3	4	232	4.8	1¼"		232	226	218	209	195	167	138	94
	4SP3/45	3	4	272	4.8	1¼"		272	264	248	233	224	194	162	110
	4SP3/52	4	5.5	313	4.8	1¼"		313	304	285	268	258	223	186	127

4SPM DEEP WELL PUMP

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	10	20	30	40	50	60	70	80	90	100	110
4SPm5/4		0.37	0.5	25	7.5	1½"	H(m)	25	24	23	22	21	20	19	18	17	15	12	9
4SPm5/6		0.55	0.75	37	7.5	1½"		37	26	35	33	32	31	29	28	25	22	18	13
4SPm5/8	4SP5/8	0.75	1	50	7.5	1½"		50	48	46	44	43	41	39	37	34	29	23	17
4SPm5/12	4SP5/12	1.1	1.5	75	7.5	1½"		75	72	69	67	64	62	59	55	50	44	35	26
4SPm5/17	4SP5/17	1.5	2	106	7.5	1½"		106	102	98	94	91	87	83	78	71	62	50	36
4SPm5/21	4SP5/21	2.2	3	131	7.5	1½"		131	126	121	116	112	108	103	96	88	76	61	44
4SPm5/25	4SP5/25	2.2	3	156	7.5	1½"		156	152	148	146	140	125	118	110	100	75	66	55
	4SP5/33	3	4	205	7.5	1½"		205	195	185	180	173	166	156	147	132	118	87	70
	4SP5/38	4	5.5	237	7.5	1½"		237	230	223	216	208	195	184	173	152	130	110	78
	4SP5/44	4	5.5	281	7.5	1½"		281	268	260	243	231	221	210	195	176	154	121	94
	4SP5/52	5.5	7.5	325	7.5	1½"		325	312	299	289	278	267	255	239	218	189	152	111
	4SP5/60	5.5	7.5	349	7.5	1½"		349	334	328	316	307	294	276	256	240	200	155	130

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	1.2	2.4	3	3.6	4.8	7.2	8.4	9.6	10.8
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	20	40	60	80	100	120	140	160	180
4SPm8/5	4SP8/5	0.75	1	29	12	2"	H(m)	29	28	27	25	24	22	21	19	15	10
4SPm8/7	4SP8/7	1.1	1.5	41	12	2"		41	39	37	35	33	31	29	26	21	15
4SPm8/10	4SP8/10	1.5	2	59	12	2"		59	56	53	50	47	45	41	37	30	21
4SPm8/12	4SP8/12	2.2	3	70	12	2"		70	67	64	60	57	54	50	44	36	25
4SPm8/15	4SP8/15	2.2	3	87	12	2"		87	82	77	74	69	62	56	51	46	36
	4SP8/18	3	4	102	12	2"		102	101	96	91	85	80	75	67	55	38
	4SP8/21	4	5.5	120	12	2"		120	114	108	103	97	89	81	73	67	51
	4SP8/25	4	5.5	142	12	2"		142	136	130	125	118	110	101	90	77	57
	4SP8/30	5.5	7.5	172	12	2"		172	166	159	153	144	132	123	114	100	76
	4SP8/37	5.5	7.5	210	12	2"		210	202	185	175	165	150	135	123	105	82
	4SP8/44	7.5	10	251	12	2"		251	243	224	215	204	191	174	151	135	95
	4SP8/50	7.5	10	288	12	2"		288	280	262	254	242	221	205	182	168	129

Model		Power		Max head	Max.flow	Outlet	Q (m³/h)	0	3	6	9	12	15	18
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	50	100	150	200	250	300
4SPm14/5	4SP14/5	1.5	2	33	20	2"	H(m)	33	32	30	28	25	20	14
4SPm14/7	4SP14/7	2.2	3	45	20	2"		45	44	43	40	36	26	19
	4SP14/10	3	4	65	20	2"		65	63	61	56	51	37	28
	4SP14/13	4	5.5	81	20	2"		81	78	73	67	63	54	41
	4SP14/18	5.5	7.5	112	20	2"		112	105	98	91	84	68	53
	4SP14/25	7.5	10	164	20	2"		164	157	150	140	120	95	70

5SP DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Power ≤ 7.5kw

Power ≥ 9.2kw

Flow rate up to 750 L/min (45 m³/h)

Head up to 330 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 5″

Construction

Pump External Casing: Stainless steel
Impeller: Stainless steel
Diffuser: Stainless steel
Motor External Casing: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Three- phase 380V/ 415V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box.
Insulation: Class B
Protection: IP X8

MUNICIPAL IRRIGATION

Model Three-phase	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	6	9	12	15	18	21
							Q (L/min)	0	100	150	200	250	300	350
5SP10/4	380V/50Hz	2.2	3	44	22	2"/2½"	H(m)	44	40	37	33	28	24	16
5SP10/6	380V/50Hz	3	4	66	22	2"/2½"		66	60	56	49	42	36	24
5SP10/8	380V/50Hz	4	5.5	88	22	2"/2½"		88	80	74	66	56	48	32
5SP10/11	380V/50Hz	5.5	7.5	121	22	2"/2½"		121	110	102	90	77	66	44
5SP10/15	380V/50Hz	7.5	10	165	22	2"/2½"		165	150	139	123	105	90	60
5SP10/18	380V/50Hz	9.2	12.5	198	22	2"/2½"		198	180	167	148	126	108	72
5SP10/22	380V/50Hz	11	15	242	22	2"/2½"		242	220	204	180	154	132	88
5SP10/26	380V/50Hz	13	17.5	286	22	2"/2½"		286	260	241	213	182	156	104
5SP10/30	380V/50Hz	15	20	330	22	2"/2½"		330	300	278	246	210	180	120

Model Three-phase	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	9	12	15	18	21	24
							Q (L/min)	0	150	200	250	300	350	400
5SP15/3	380V/50Hz	2.2	3	33	27	2½"/3"	H(m)	33	30	28	26	23	18	8
5SP15/5	380V/50Hz	3	4	55	27	2½"/3"		55	50	46	43	37	30	13
5SP15/7	380V/50Hz	4	5.5	77	27	2½"/3"		77	70	64	60	53	42	18
5SP15/9	380V/50Hz	5.5	7.5	99	27	2½"/3"		99	90	83	77	68	54	23
5SP15/13	380V/50Hz	7.5	10	143	27	2½"/3"		143	130	120	111	99	78	33
5SP15/16	380V/50Hz	9.2	12.5	176	27	2½"/3"		176	160	147	136	122	96	40
5SP15/19	380V/50Hz	11	15	209	27	2½"/3"		209	190	175	162	144	114	48
5SP15/22	380V/50Hz	13	17.5	242	27	2½"/3"		242	220	202	187	167	132	55
5SP15/25	380V/50Hz	15	20	275	27	2½"/3"		275	250	230	213	190	150	63

5SP DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model Three-phase	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	9	12	18	21	24	27	30
							Q (L/min)	0	150	200	300	350	400	450	500
5SP20/3	380V/50Hz	2.2	3	32	32	2½"/3"	H(m)	32	29	27	24	22	17	16	11
5SP20/4	380V/50Hz	3	4	42	32	2½"/3"		42	39	36	32	29	23	21	14
5SP20/6	380V/50Hz	4	5.5	63	32	2½"/3"		63	58	54	48	44	35	32	22
5SP20/8	380V/50Hz	5.5	7.5	84	32	2½"/3"		84	77	72	64	59	46	43	29
5SP20/11	380V/50Hz	7.5	10	116	32	2½"/3"		116	106	99	88	81	64	59	40
5SP20/13	380V/50Hz	9.2	12.5	137	32	2½"/3"		137	126	117	104	95	75	69	47
5SP20/16	380V/50Hz	11	15	168	32	2½"/3"		168	155	144	128	117	93	85	58
5SP20/19	380V/50Hz	13	17.5	200	32	2½"/3"		200	184	171	152	139	110	101	68
5SP20/22	380V/50Hz	15	20	231	32	2½"/3"		231	213	198	176	161	128	117	79

Model Three-phase	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	18	21	24	27	30	33	36
							Q (L/min)	0	300	350	400	450	500	550	600
5SP25/3	380V/50Hz	2.2	3	33	38	3"	H(m)	33	27	26	22	18	16	15	11
5SP25/4	380V/50Hz	3	4	44	38	3"		44	36	35	30	25	22	20	14
5SP25/5	380V/50Hz	4	5.5	55	38	3"		55	45	44	37	31	27	25	18
5SP25/7	380V/50Hz	5.5	7.5	77	38	3"		77	63	62	52	44	38	35	25
5SP25/10	380V/50Hz	7.5	10	110	38	3"		110	90	88	75	63	54	50	36
5SP25/12	380V/50Hz	9.2	12.5	132	38	3"		132	108	106	90	75	65	60	43
5SP25/14	380V/50Hz	11	15	154	38	3"		154	126	123	105	88	76	70	50
5SP25/17	380V/50Hz	13	17.5	187	38	3"		187	153	150	127	108	92	85	61
5SP25/20	380V/50Hz	15	20	220	38	3"		220	180	176	150	125	108	100	72

Model Three-phase	Voltage	Power kW	Power HP	Max head m	Max.flow m³/h	Outlet Inch	Q (m³/h)	0	24	27	30	33	36	39	42
							Q (L/min)	0	400	450	500	550	600	650	700
5SP30/3	380V/50Hz	3	4	33	45	3"	H(m)	33	25	23	21	19	15	10	8
5SP30/4	380V/50Hz	4	5.5	44	45	3"		44	33	31	28	25	20	13	11
5SP30/6	380V/50Hz	5.5	7.5	66	45	3"		66	50	46	42	37	30	20	16
5SP30/8	380V/50Hz	7.5	10	88	45	3"		88	67	61	56	47	40	27	21
5SP30/10	380V/50Hz	9.2	12.5	110	45	3"		110	83	77	70	62	50	33	27
5SP30/12	380V/50Hz	11	15	132	45	3"		132	100	92	84	75	60	40	32
5SP30/14	380V/50Hz	13	17.5	154	45	3"		154	117	107	98	87	70	47	37
5SP30/16	380V/50Hz	15	20	176	45	3"		176	133	123	112	100	80	53	43

6SP DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 500 L/min (30 m³/h)

Head up to 356 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 6"

Construction

Pump External Casing: Stainless steel
Impeller: Stainless steel
Bottom Seat:QT600
Attachment Bracket:Qt600
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Single- phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box. Three- phase 380V/ 415V
Insulation: Class B
Protection: IP X8

Power ≤ 7.5kw

Power ≥ 9.2kw

Bottom seat/QT600

Top chock/QT600

Attachment bracket/ QT600

MUNICIPAL IRRIGATION *: Model with"*"match 4 inch motor.

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	3	6	9	12	15	18	21	24	27
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	50	100	150	200	250	300	350	400	450
6SP17/1*	380V/50Hz	0.75	1	11	30	3"		11	11	11	10	10	8	7	6	4	3
6SP17/2*	380V/50Hz	1.1	1.5	21	30	3"		21	21	20	19	19	16	15	11	8	6
6SP17/3*	380V/50Hz	2.2	3	32	30	3"		32	32	31	30	28	24	21	19	11	9
6SP17/4*	380V/50Hz	2.2	3	42	30	3"		42	41	39	38	36	34	30	24	19	13
6SP17/5	380V/50Hz	3	4	53	30	3"		53	51	49	48	46	43	37	31	24	16
6SP17/6	380V/50Hz	4	5.5	63	30	3"		63	61	59	57	55	51	45	37	28	19
6SP17/7	380V/50Hz	4	5.5	74	30	3"		74	71	69	67	64	60	52	43	33	22
6SP17/8	380V/50Hz	5.5	7.5	84	30	3"		84	81	78	76	73	68	59	49	38	26
6SP17/9	380V/50Hz	5.5	7.5	95	30	3"		95	91	88	86	82	77	67	55	42	29
6SP17/10	380V/50Hz	5.5	7.5	109	30	3"		109	101	98	95	91	85	75	61	47	32
6SP17/11	380V/50Hz	7.5	10	120	30	3"	H(m)	120	112	108	104	100	93	82	67	52	35
6SP17/12	380V/50Hz	7.5	10	127	30	3"		127	122	118	114	109	102	89	73	56	38
6SP17/13	380V/50Hz	7.5	10	142	30	3"		142	132	127	123	118	110	98	79	61	42
6SP17/14	380V/50Hz	9.2	12.5	151	30	3"		151	142	137	133	127	119	105	85	66	45
6SP17/15	380V/50Hz	9.2	12.5	158	30	3"		158	152	147	143	137	128	111	92	71	48
6SP17/16	380V/50Hz	9.2	12.5	172	30	3"		172	162	157	152	146	136	120	98	75	51
6SP17/17	380V/50Hz	9.2	12.5	183	30	3"		183	173	167	161	155	144	127	104	80	54
6SP17/18	380V/50Hz	11	15	190	30	3"		190	183	176	171	164	153	134	110	85	58
6SP17/19	380V/50Hz	11	15	203	30	3"		203	193	186	180	173	161	142	116	89	61
6SP17/20	380V/50Hz	11	15	215	30	3"		215	203	196	190	181	170	150	122	93	64
6SP17/21	380V/50Hz	13	17.3	222	30	3"		222	213	206	200	191	179	156	128	99	67
6SP17/24	380V/50Hz	15	20	253	30	3"		253	244	235	228	218	204	178	146	113	77
6SP17/30	380V/50Hz	18.5	25	317	30	3"		317	305	294	285	273	255	223	183	141	96
6SP17/33	380V/50Hz	18.5	25	356	30	3"		356	335	323	314	298	281	243	201	152	106

6SP DEEP WELL PUMP

MUNICIPAL IRRIGATION *: Model with"*"match 4 inch motor.

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	6	12	18	24	30	36	42
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	100	200	300	400	500	600	700
6SP30/1*	380V/50Hz	1.1	1.5	11	51	3"		11	11	10	10	10	9	6	4
6SP30/2*	380V/50Hz	2.2	3	22	51	3"		22	21	21	20	19	17	13	9
6SP30/3	380V/50Hz	3	4	33	51	3"		33	32	31	29	28	26	19	13
6SP30/4	380V/50Hz	4	5.5	44	51	3"		44	43	41	39	37	35	26	18
6SP30/5	380V/50Hz	5.5	7.5	55	51	3"		55	54	52	49	47	43	32	22
6SP30/6	380V/50Hz	5.5	7.5	66	51	3"		66	65	62	59	56	52	38	26
6SP30/7	380V/50Hz	7.5	10	77	51	3"		77	75	72	69	65	61	45	31
6SP30/8	380V/50Hz	7.5	10	88	51	3"		88	86	82	78	74	69	51	35
6SP30/9	380V/50Hz	7.5	10	99	51	3"		99	97	93	88	83	78	58	40
6SP30/10	380V/50Hz	9.2	12.5	110	51	3"		110	108	103	98	92	87	64	44
6SP30/11	380V/50Hz	11	15	121	51	3"	H(m)	121	118	113	108	101	95	70	48
6SP30/12	380V/50Hz	11	15	132	51	3"		132	129	124	118	110	104	77	53
6SP30/13	380V/50Hz	11	15	142	51	3"		142	140	134	127	119	113	83	57
6SP30/14	380V/50Hz	13	17.3	154	51	3"		154	151	144	137	128	121	90	62
6SP30/15	380V/50Hz	13	17.3	164	51	3"		164	161	155	147	138	130	96	66
6SP30/16	380V/50Hz	15	20	176	51	3"		176	172	165	157	147	139	102	70
6SP30/17	380V/50Hz	15	20	187	51	3"		187	183	175	166	156	147	109	75
6SP30/18	380V/50Hz	18.5	25	198	51	3"		198	194	185	176	165	156	115	79
6SP30/19	380V/50Hz	18.5	25	209	51	3"		209	204	196	186	174	165	122	84
6SP30/20	380V/50Hz	18.5	25	218	51	3"		218	215	206	196	183	173	128	88
6SP30/21	380V/50Hz	18.5	25	231	51	3"		231	226	216	206	192	182	134	92
6SP30/25	380V/50Hz	22	30	276	51	3"		276	269	258	245	229	217	160	110

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	6	12	18	24	30	36	42	48	54	60	66	72
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SP46/1*	380V/50Hz	2.2	3	13	75	4"		13	13	13	12	12	11	10	9	8	7	6	3	2
6SP46/2	380V/50Hz	3	4	26	75	4"		26	26	26	25	24	22	20	19	16	14	11	7	3
6SP46/3	380V/50Hz	5.5	7.5	39	75	4"		39	39	38	37	35	33	30	28	24	21	17	10	4
6SP46/4	380V/50Hz	7.5	10	52	75	4"		52	52	51	49	47	44	40	37	32	28	22	13	7
6SP46/5	380V/50Hz	7.5	10	66	75	4"		66	65	64	62	59	55	50	47	40	35	28	17	8
6SP46/6	380V/50Hz	9.2	12.5	79	75	4"		79	78	77	74	71	66	60	57	48	41	34	20	9
6SP46/7	380V/50Hz	11	15	92	75	4"		92	91	90	87	83	77	70	64	56	48	39	23	10
6SP46/8	380V/50Hz	13	17.3	105	75	4"		105	104	102	99	94	88	80	75	64	55	45	26	11
6SP46/9	380V/50Hz	15	20	118	75	4"	H(m)	118	117	115	112	106	99	90	85	72	62	50	30	13
6SP46/10	380V/50Hz	15	20	131	75	4"		131	130	128	124	118	110	100	94	80	69	56	33	14
6SP46/11	380V/50Hz	18.5	25	144	75	4"		144	143	141	136	130	121	110	103	88	76	62	36	15
6SP46/12	380V/50Hz	18.5	25	157	75	4"		157	156	154	149	142	132	120	113	96	83	67	40	17
6SP46/13	380V/50Hz	22	30	170	75	4"		170	169	166	161	153	143	130	122	104	90	73	43	18
6SP46/14	380V/50Hz	22	30	183	75	4"		183	182	179	174	165	154	140	131	112	97	78	46	20
6SP46/15	380V/50Hz	22	30	197	75	4"		197	195	192	186	177	165	150	141	120	104	84	50	21
6SP46/16	380V/50Hz	22	30	210	75	4"		210	208	205	198	189	176	160	151	128	110	90	53	22
6SP46/17	380V/50Hz	26	35	223	75	4"		223	221	218	211	201	187	170	159	135	117	95	56	24
6SP46/18	380V/50Hz	30	40	236	75	4"		236	234	230	223	212	198	180	168	143	124	100	59	25
6SP46/19	380V/50Hz	30	40	249	75	4"		249	247	243	236	224	209	192	178	152	131	106	63	27
6SP46/20	380V/50Hz	37	50	262	75	4"		262	260	256	248	236	220	201	187	159	138	112	66	28
6SP46/22	380V/50Hz	37	50	288	75	4"		288	286	282	273	260	242	221	206	175	152	123	73	31
6SP46/24	380V/50Hz	37	50	314	75	4"		314	312	307	298	283	264	240	224	192	166	134	79	34

DEEP WELL PUMP

6SP DEEP WELL PUMP

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	6	12	18	24	30	36	42	48	54	60	66	72
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SP60/1	380V/50Hz	3	4	14	87	4"		14	14	14	13	13	12	11	11	10	10	9	7	6
6SP60/2	380V/50Hz	4	5.5	28	87	4"		28	28	27	27	26	24	23	21	19	18	17	13	11
6SP60/3	380V/50Hz	5.5	7.5	42	87	4"		42	42	41	40	39	37	34	32	29	27	26	20	17
6SP60/4	380V/50Hz	7.5	10	56	87	4"		56	56	55	53	52	49	46	42	39	37	35	27	22
6SP60/5	380V/50Hz	9.2	12.5	70	87	4"		70	70	69	67	65	61	57	53	49	46	44	34	28
6SP60/6	380V/50Hz	11	15	84	87	4"		84	83	82	80	77	73	68	64	58	54	52	40	34
6SP60/7	380V/50Hz	13	17.5	98	87	4"		98	97	96	93	90	85	80	74	68	64	61	47	39
6SP60/8	380V/50Hz	15	20	112	87	4"		112	111	110	106	103	98	91	85	78	73	70	54	45
6SP60/9	380V/50Hz	18.5	25	126	87	4"		126	125	123	120	116	110	103	95	87	84	78	60	50
6SP60/10	380V/50Hz	18.5	25	140	87	4"		140	138	136	132	128	121	113	105	96	91	86	66	55
6SP60/11	380V/50Hz	22	30	154	87	4"	H(m)	154	153	151	146	142	134	125	117	107	101	96	74	62
6SP60/12	380V/50Hz	22	30	168	87	4"		168	167	164	160	155	146	137	127	116	108	104	80	67
6SP60/13	380V/50Hz	26	35	182	87	4"		182	181	178	173	168	159	148	138	126	119	113	87	73
6SP60/14	380V/50Hz	26	35	196	87	4"		196	195	192	186	181	171	160	148	136	129	122	94	78
6SP60/15	380V/50Hz	26	35	210	87	4"		210	209	206	200	194	183	171	159	146	138	131	101	84
6SP60/16	380V/50Hz	30	40	224	87	4"		224	222	219	213	206	195	182	170	155	144	139	107	90
6SP60/17	380V/50Hz	37	50	238	87	4"		238	236	233	226	219	207	194	180	165	156	148	114	95
6SP60/18	380V/50Hz	37	50	252	87	4"		252	250	247	239	232	220	205	191	175	163	157	121	101
6SP60/19	380V/50Hz	37	50	266	87	4"		266	264	260	253	245	232	217	201	184	175	165	127	106
6SP60/20	380V/50Hz	37	50	280	87	4"		280	278	274	266	258	244	228	212	194	183	174	134	112
6SP60/21	380V/50Hz	37	50	294	87	4"		294	292	288	279	271	256	239	223	204	191	183	141	118
6SP60/22	380V/50Hz	45	60	308	87	4"		308	306	301	293	284	268	251	233	213	202	191	147	123
6SP60/24	380V/50Hz	45	60	336	87	4"		336	334	329	319	310	293	274	254	233	218	209	161	134
6SP60/26	380V/50Hz	55	75	364	87	4"		364	361	356	346	335	317	296	276	252	237	226	174	146
6SP60/28	380V/50Hz	55	75	392	87	4"		392	389	384	372	361	342	319	297	272	256	244	188	157
6SP60/30	380V/50Hz	55	75	420	87	4"		420	417	411	399	387	366	342	318	291	272	261	201	168

8SP DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Power ≤ 7.5kw

Power ≥ 9.2kw

Flow rate up to 2083 L/min (125 m³/h)

Head up to 410 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 8"

Construction

Pump External Casing: Stainless steel
Impeller: Stainless steel
Bottom Seat:Stainless steel
Attachment Bracket:Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Three- phase 380V/ 415V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box.
Insulation: Class B
Protection: IP X8

: Model with""match 6 inch motor.

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	36	48	60	72	84	96	120
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	600	800	1000	1200	1400	1600	2000
8SP77/1*	380V/50Hz	5.5	7.5	21	125	5"		21	18	16	15	14	12	11	4
8SP77/2*	380V/50Hz	7.5	10	41	125	5"		41	35	32	30	28	25	21	8
8SP77/3*	380V/50Hz	11	15	61	125	5"		61	53	48	45	42	37	32	12
8SP77/4*	380V/50Hz	15	20	82	125	5"		82	70	64	60	56	49	42	16
8SP77/5*	380V/50Hz	18.5	25	102	125	5"		102	88	80	75	70	62	53	20
8SP77/6*	380V/50Hz	22	30	123	125	5"		123	105	96	90	84	74	63	24
8SP77/7*	380V/50Hz	26	35	143	125	5"		143	123	112	105	98	86	74	28
8SP77/8	380V/50Hz	30	40	164	125	5"		164	140	128	120	112	98	84	32
8SP77/9	380V/50Hz	30	40	184	125	5"	H(m)	184	151	141	131	121	106	85	33
8SP77/10	380V/50Hz	37	50	205	125	5"		205	174	160	149	139	123	105	40
8SP77/11	380V/50Hz	45	60	225	125	5"		225	193	176	165	154	135	116	44
8SP77/12	380V/50Hz	45	60	246	125	5"		246	210	182	180	168	148	126	48
8SP77/13	380V/50Hz	55	75	266	125	5"		266	228	198	195	182	160	137	52
8SP77/14	380V/50Hz	55	75	287	125	5"		287	245	224	210	196	172	147	56
8SP77/15	380V/50Hz	55	75	307	125	5"		307	263	240	225	210	185	159	60
8SP77/16	380V/50Hz	64	85	328	125	5"		328	280	256	240	224	197	169	64
8SP77/17	380V/50Hz	64	85	348	125	5"		348	298	272	255	238	209	180	68
8SP77/18	380V/50Hz	75	100	369	125	5"		369	315	288	270	252	221	190	72
8SP77/19	380V/50Hz	75	100	389	125	5"		389	333	304	285	266	234	201	76
8SP77/20	380V/50Hz	75	100	410	125	5"		410	350	320	300	280	246	211	80

8SP DEEP WELL PUMP

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	45	60	80	90	95	105	120
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	750	1000	1333	1500	1583	1750	2000
8SP95/1*	380V/50Hz	5.5	7.5	21	125	5"		21	18	16	14	12.5	12	10	6
8SP95/2*	380V/50Hz	9.2	12.5	42	125	5"		42	36	33	28	25	24	20	13
8SP95/3*	380V/50Hz	13	17.5	63	125	5"		63	54	49	41	38	36	29	19
8SP95/4*	380V/50Hz	18.5	25	84	125	5"		84	72	66	55	50	48	39	26
8SP95/5*	380V/50Hz	22	30	105	125	5"		105	90	82	69	63	60	49	32
8SP95/6*	380V/50Hz	26	35	126	125	5"		126	108	99	83	75	72	59	38
8SP95/7	380V/50Hz	30	40	147	125	5"		147	126	115	97	88	84	68	45
8SP95/8	380V/50Hz	37	50	168	125	5"		168	142	132	110	100	96	78	51
8SP95/9	380V/50Hz	37.0	5o	189	125	5"		189	160	149	124	113	108	88	57
8SP95/10	380V/50Hz	45.0	60	210	125	5"		210	178	165	137	125	120	98	64
8SP95/11	380V/50Hz	55	75	231	125	5"		231	196	181	152	138	132	107	70
8SP95/12	380V/50Hz	55	75	252	125	5"	H(m)	252	214	198	165	150	144	117	77
8SP95/13	380V/50Hz	55	75	273	125	5"		273	232	214	179	163	156	127	83
8SP95/14	380V/50Hz	64	85	294	125	5"		294	250	231	193	175	168	137	89
8SP95/15	380V/50Hz	64	85	315	125	5"		315	268	247	207	188	180	146	96
8SP95/16	380V/50Hz	75	100	336	125	5"		336	286	264	220	200	193	156	102
8SP95/17	380V/50Hz	75	100	357	125	5"		357	304	280	234	213	204	166	108
8SP95/18	380V/50Hz	96	125	378	125	5"		378	322	297	248	225	216	176	115
8SP95/19	380V/50Hz	96	125	398	125	5"		398	340	313	264	238	228	185	121
8SP95/20	380V/50Hz	96	125	420	125	5"		420	358	330	276	250	240	195	128

10SP DEEP WELL PUMP

Installation And Use

It is suitable for pumping water in ponds and lakes, lawn irrigation, domestic tap water, swimming pool filling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

Flow rate up to 2667 L/min (160 m³/h)

Head up to 293 m

Application Limits

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 10"

Construction

Pump External Casing: Stainless steel
Impeller: Stainless steel
Diffuser: Stainless steel
Motor External Casing: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic- graphite or Sic to graphite
Electric Motor: Three- phase 380V/ 415V- 50Hz with condenser thermal overload protector built into the copper winding, equipped with start control box.
Insulation: Class B
Protection: IP X8

10SP DEEP WELL PUMP

: Model with""match 8 inch motor.

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	60	72	84	96	108	120	132	144
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	1000	1200	1400	1600	1800	2000	2200	2400
10SP125/1*	380V/50Hz	11	15	30	160	6"		30	27	26	25	24	22	22	19	13
10SP125/2*	380V/50Hz	22	30	59	160	6"		59	54	52	50	48	44	44	38	26
10SP125/3*	380V/50Hz	30	40	87	160	6"		87	82	78	76	71	66	65	58	39
10SP125/4*	380V/50Hz	37	50	115	160	6"		115	109	104	101	95	92	88	77	52
10SP125/5*	380V/50Hz	55	75	146	160	6"		146	136	130	126	119	110	110	96	65
10SP125/6*	380V/50Hz	64	85	178	160	6"	H(m)	178	163	156	151	143	132	127	115	78
10SP125/7	380V/50Hz	75	100	208	160	6"		208	190	182	176	167	154	148	134	91
10SP125/8	380V/50Hz	75	125	235	160	6"		235	218	208	202	190	176	168	154	104
10SP125/9	380V/50Hz	96	125	264	160	6"		264	245	234	227	214	198	191	173	117
10SP125/10	380V/50Hz	96	125	293	160	6"		293	272	260	252	238	220	212	192	130

Model	Voltage	Power		Max head	Max.flow	Outlet	Q (m³/h)	0	96	108	120	132	144	156	168	180
Three-phase		kW	HP	m	m³/h	Inch	Q (L/min)	0	1600	1800	2000	2200	2400	2600	2800	3000
10SP160/1*	380V/50Hz	13	17.5	33	200	6"		33	25	24	23	22	21	20	19	18
10SP160/2*	380V/50Hz	26	35	65	200	6"		65	50	48	46	44	42	40	38	36
10SP160/3*	380V/50Hz	37	50	99	200	6"		99	75	72	69	66	63	60	57	52
10SP160/4*	380V/50Hz	55	75	132	200	6"		132	100	96	92	88	84	80	76	72
10SP160/5*	380V/50Hz	64	85	160	200	6"	H(m)	160	135	120	115	110	105	100	95	90
10SP160/6	380V/50Hz	75	100	198	200	6"		198	150	144	138	132	126	120	114	108
10SP160/7	380V/50Hz	96	125	231	200	6"		231	175	168	161	154	147	140	133	136
10SP160/8	380V/50Hz	96	125	264	200	6"		264	200	192	183	176	168	160	152	144
10SP160/9	380V/50Hz	110	150	297	200	6"		297	225	216	205	198	189	180	171	162

Installation And Use

QJ(R) series submersible pumps are mainly used for extracting groundwater from deep wells and are widely used for irrigation of farmland, water supply and drainage of cities, industrial and mining enterprises, water supply for human and animal consumption in highlands and mountainous areas and pressurised water supply for high-rise buildings. The pump consists of a QJ(R) submersible pump and a YQS submersible motor, which are submerged underwater. It has the advantages of compact structure, small volume, low noise, no secondary pollution, easy installation and maintenance, safe and reliable operation, high efficiency and energy saving, and no need to build a pump room. It can be installed and used vertically and horizontally; it can also be used in open water and as a ground pump, and has the advantages of occupying little space, no pollution and leakage, and easy installation and use compared with other ground water supply and drainage pumps. It can be used for water supply in communities, high rise and villas.

Flow rate up to **7000 L/min (420 m³/h)**

Head up to **400 m**

Application Limits

1.380V/50Hz three-phase AC supply;
2.The temperature of the water must not be higher than 20°C;
3.The solids content (by mass) in the water is not greater than 0.01%;
4.The pH of the medium needs to be 6.5 to 8.5;
5.The chloride ion content in the water is not more than 400mg/L;
6.The content of hydrogen sulfide in water is not more than 1.5 mg/L;
7.Submersible electric pumps with a submerged depth of not more than 70m;

The above conditions are the basic use conditions, if the use conditions are beyond the above range, special production can be made to ensure the normal operation of the pump.
For example, it can support hot and cold water, 60HZ motor, etc.

Construction

Motor casing: cast iron/stainless steel (optional)
Pump body: cast iron/stainless steel (optional)
Rotor: 45# round steel, normalized, quenched and tempered
Bearings: water lubricated bearing assemblies and thrust bearing assemblies
Motor: water-immersed motor
Insulation: Class F

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
150QJ5-100-3	380V/50Hz	3	4	100	5	7.9	2850	0.78	58	74	40
150QJ5-150-4	380V/50Hz	4	5.5	150	5	10.3	2850	0.79	58	75	40
150QJ5-200-5.5	380V/50Hz	5.5	7.5	200	5	13.7	2850	0.8	58	76	40
150QJ5-250-7.5	380V/50Hz	7.5	10	250	5	18.5	2850	0.8	58	77	40
150QJ5-300-9.2	380V/50Hz	9.2	12.3	300	5	22.1	2850	0.81	58	78	40
150QJ10-50-3	380V/50Hz	3	4	50	10	7.9	2850	0.78	63	74	50
150QJ10-100-5.5	380V/50Hz	5.5	7.5	100	10	13.7	2850	0.8	63	76	50
150QJ10-150-7.5	380V/50Hz	7.5	10	150	10	18.5	2850	0.8	63	77	50
150QJ10-200-11	380V/50Hz	11	15	200	10	26.3	2850	0.81	63	78.5	50
150QJ10-250-13	380V/50Hz	13	17.4	250	10	30.9	2850	0.81	63	79	50
150QJ10-300-15	380V/50Hz	15	20	300	10	35.6	2850	0.81	63	79	50
150QJ15-38-3	380V/50Hz	3	4	38	15	7.9	2850	0.78	63	74	50
150QJ15-52-4	380V/50Hz	4	5.5	52	15	10.3	2850	0.79	63	75	50
150QJ15-72-5.5	380V/50Hz	5.5	7.5	72	15	13.7	2850	0.8	63	76	50
150QJ15-84-7.5	380V/50Hz	7.5	10	84	15	18.5	2850	0.8	63	77	50
150QJ15-100-7.5	380V/50Hz	7.5	10	100	15	18.5	2850	0.8	63	77	50
150QJ15-108-9.2	380V/50Hz	9.2	12.3	108	15	22.1	2850	0.81	63	78	50
150QJ15-114-9.2	380V/50Hz	9.2	12.3	114	15	22.1	2850	0.81	63	78	50
150QJ15-135-11	380V/50Hz	11	15	135	15	26.3	2850	0.81	63	78.5	50
150QJ15-150-11	380V/50Hz	11	15	150	15	26.3	2850	0.81	63	78.5	50
150QJ15-180-15	380V/50Hz	15	20	180	15	35.6	2850	0.81	63	79	50
150QJ15-198-15	380V/50Hz	15	20	198	15	35.6	2850	0.81	63	79	50

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
150QJ15-216-18.5	380V/50Hz	18.5	25	216	15	43.9	2850	0.81	63	79	50
150QJ15-234-18.5	380V/50Hz	18.5	25	234	15	43.9	2850	0.81	63	79	50
150QJ20-26-3	380V/50Hz	3	4	26	20	7.9	2850	0.78	64	74	50
150QJ20-33-3	380V/50Hz	3	4	33	20	7.9	2850	0.78	64	74	50
150QJ20-39-4	380V/50Hz	4	5.5	39	20	10.3	2850	0.79	64	75	50
150QJ20-52-5.5	380V/50Hz	5.5	7.5	52	20	13.7	2850	0.8	64	76	50
150QJ20-72-7.5	380V/50Hz	7.5	10	72	20	18.5	2850	0.8	64	77	50
150QJ20-78-7.5	380V/50Hz	7.5	10	78	20	18.5	2850	0.8	64	77	50
150QJ20-85-9.2	380V/50Hz	9.2	12.3	85	20	22.1	2850	0.81	64	78	50
150QJ20-98-9.2	380V/50Hz	9.2	12.3	98	20	22.1	2850	0.81	64	78	50
150QJ20-104-11	380V/50Hz	11	15	104	20	26.3	2850	0.81	64	78.5	50
150QJ20-111-11	380V/50Hz	11	15	111	20	26.3	2850	0.81	64	78.5	50
150QJ20-137-15	380V/50Hz	15	20	137	20	35.6	2850	0.81	64	79	50
150QJ20-143-15	380V/50Hz	15	20	143	20	35.6	2850	0.81	64	79	50
150QJ20-156-15	380V/50Hz	15	20	156	20	35.6	2850	0.81	64	79	50
150QJ20-176-18.5	380V/50Hz	18.5	25	176	20	43.9	2850	0.81	64	79	50
150QJ20-182-18.5	380V/50Hz	18.5	25	182	20	43.9	2850	0.81	64	79	50
150QJ25-24-3	380V/50Hz	3	4	24	25	7.9	2850	0.78	64	74	50
150QJ25-32-4	380V/50Hz	4	5.5	32	25	10.3	2850	0.79	64	75	50
150QJ25-40-5.5	380V/50Hz	5.5	7.5	40	25	13.7	2850	0.8	64	76	50
150QJ25-48-5.5	380V/50Hz	5.5	7.5	48	25	13.7	2850	0.8	64	76	50
150QJ25-56-7.5	380V/50Hz	7.5	10	56	25	18.5	2850	0.8	64	77	50
150QJ25-64-7.5	380V/50Hz	7.5	10	64	25	18.5	2850	0.8	64	77	50
150QJ25-72-9.2	380V/50Hz	9.2	12.3	72	25	22.1	2850	0.81	64	78	50
150QJ25-80-9.2	380V/50Hz	9.2	12.3	80	25	22.1	2850	0.81	64	78	50
150QJ25-88-11	380V/50Hz	11	15	88	25	26.3	2850	0.81	64	78.5	50
150QJ25-96-13	380V/50Hz	13	17.4	96	25	30.9	2850	0.81	64	79	50
150QJ25-104-13	380V/50Hz	13	17.4	104	25	30.9	2850	0.81	64	79	50
150QJ25-112-15	380V/50Hz	15	20	112	25	35.6	2850	0.81	64	79	50
150QJ25-120-15	380V/50Hz	15	20	120	25	35.6	2850	0.81	64	79	50
150QJ25-128-18.5	380V/50Hz	18.5	25	128	25	43.9	2850	0.81	64	79	50
150QJ25-136-18.5	380V/50Hz	18.5	25	136	25	43.9	2850	0.81	64	79	50
150QJ25-144-18.5	380V/50Hz	18.5	25	144	25	43.9	2850	0.81	64	79	50
150QJ25-152-22	380V/50Hz	22	30	152	25	52.3	2850	0.81	64	80	50
150QJ32-18-3	380V/50Hz	3	4	18	32	7.9	2850	0.78	66	74	80
150QJ32-24-4	380V/50Hz	4	5	24	32	10.3	2850	0.79	66	75	80
150QJ32-30-5.5	380V/50Hz	5.5	7.5	30	32	13.8	2850	0.8	66	76	80
150QJ32-36-5.5	380V/50Hz	5.5	7.5	36	32	13.8	2850	0.8	66	76	80
150QJ32-42-7.5	380V/50Hz	7.5	10	42	32	18.5	2850	0.8	66	77	80
150QJ32-54-9.2	380V/50Hz	9.2	12.3	54	32	22.1	2850	0.81	66	78	80
150QJ32-66-11	380V/50Hz	11	15	66	32	26.3	2850	0.81	66	78.5	80
150QJ32-72-13	380V/50Hz	13	17.4	72	32	30.9	2850	0.81	66	79	80
150QJ32-84-13	380V/50Hz	13	17.4	84	32	30.9	2850	0.81	66	79	80
150QJ32-90-15	380V/50Hz	15	20	90	32	35.6	2850	0.81	66	79	80
150QJ32-96-15	380V/50Hz	15	20	96	32	35.6	2850	0.81	66	79	80
150QJ32-114-18.5	380V/50Hz	18.5	25	114	32	43.9	2850	0.81	66	79	80
150QJ32-130-22	380V/50Hz	22	30	130	32	51.0	2850	0.81	66	80	80
150QJ40-36-7.5	380V/50Hz	7.5	10	36	40	18.5	2850	0.8	67	77	80

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
150QJ40-42-9.2	380V/50Hz	9.2	12.3	42	40	22.1	22850	0.81	67	78	80
150QJ40-54-11	380V/50Hz	11	15	54	40	26.3	2850	0.81	67	78.5	80
150QJ40-72-13	380V/50Hz	13	17.4	72	40	30.9	2850	0.81	67	79	80
150QJ40-84-15	380V/50Hz	15	20	84	40	35.6	850	0.81	67	79	80
150QJ40-96-18.5	380V/50Hz	18.5	25	96	40	43.9	2850	0.81	67	79	80
150QJ40-108-22	380V/50Hz	22	30	108	40	51.0	2850	0.81	67	80	80
150QJ50-32-7.5	380V/50Hz	7.5	10	32	50	18.5	2850	0.8	68	77	80
150QJ50-39-9.2	380V/50Hz	9.2	12.3	39	50	22.1	2850	0.81	68	78	80
150QJ50-45-11	380V/50Hz	11	15	45	50	26.3	2850	0.81	68	78.5	80
150QJ50-52-13	380V/50Hz	13	17.4	52	50	30.9	2850	0.81	68	79	80
150QJ50-65-15	380V/50Hz	15	20	65	50	35.6	2850	0.81	68	79	80
150QJ50-78-18.5	380V/50Hz	18.5	25	78	50	43.9	2850	0.81	68	79	80
150QJ50-91-22	380V/50Hz	22	30	91	50	51.0	2850	0.81	68	80	80
150QJ63-12-4	380V/50Hz	4	5.5	12	63	10.3	2850	0.79	68	75	80
150QJ63-18-7.5	380V/50Hz	7.5	10	18	63	18.5	2850	0.8	68	77	80
150QJ63-30-9.2	380V/50Hz	9.2	12.3	30	63	22.1	2850	0.81	68	78	80
150QJ63-36-11	380V/50Hz	11	15	36	63	26.3	2850	0.81	68	78.5	80
150QJ63-42-13	380V/50Hz	13	17.4	42	63	30.9	2850	0.81	68	79	80
150QJ63-48-15	380V/50Hz	15	20	48	63	35.6	2850	0.81	68	79	80
150QJ63-54-18.5	380V/50Hz	18.5	25	54	63	43.9	2850	0.81	68	79	80
150QJ63-60-22	380V/50Hz	22	30	60	63	51.0	2850	0.81	68	80	80

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
175QJ10-42-3	380V/50Hz	3	4	42	10	7.8	2850	0.79	53	74	50
175QJ10-56-4	380V/50Hz	4	5.5	56	10	10.1	2850	0.79	53	76	50
175QJ10-70-4	380V/50Hz	4	5.5	70	10	10.1	2850	0.79	53	76	50
175QJ10-84-5.5	380V/50Hz	5.5	7.5	84	10	13.6	2850	0.8	53	77	50
175QJ10-112-7.5	380V/50Hz	7.5	10	112	10	18.4	2850	0.8	53	77.5	50
175QJ10-126-7.5	380V/50Hz	7.5	10	126	10	18.4	2850	0.8	53	77.5	50
175QJ10-140-9.2	380V/50Hz	9.2	12.3	140	10	22.1	2850	0.81	53	79	50
175QJ15-42-4	380V/50Hz	4	5.5	42	15	10.1	2850	0.79	58	76	50
175QJ15-55-5.5	380V/50Hz	5.5	7.5	55	15	13.6	2850	0.8	58	77	50
175QJ15-65-5.5	380V/50Hz	5.5	7.5	65	15	13.6	2850	0.8	58	77	50
175QJ15-85-7.5	380V/50Hz	7.5	10	85	15	18.4	2850	0.8	58	77.5	50
175QJ15-112-11	380V/50Hz	11	15	112	15	22.1	2850	0.81	58	79	50
175QJ20-26-3	380V/50Hz	3	4	26	20	7.8	2850	0.79	64	74	50
175QJ20-39-4	380V/50Hz	4	5.5	39	20	10.1	2850	0.79	64	76	50
175QJ20-52-5.5	380V/50Hz	5.5	7.5	52	20	13.6	2850	0.8	64	77	50
175QJ20-78-7.5	380V/50Hz	7.5	10	78	20	18.4	2850	0.8	64	77.5	50
175QJ20-91-9.2	380V/50Hz	9.2	12.3	91	20	22.1	2850	0.81	64	79	50
175QJ20-104-11	380V/50Hz	11	15	104	20	26.1	2850	0.81	64	79	50
175QJ20-130-13	380V/50Hz	13	17.4	130	20	30.1	2850	0.82	64	80	50
175QJ20-156-15	380V/50Hz	15	20	156	20	34.7	2850	0.82	64	80	50
175QJ20-182-18.5	380V/50Hz	18.5	25	182	20	42.6	2850	0.82	64	80.5	50
175QJ20-208-22	380V/50Hz	22	30	208	20	49.7	2850	0.83	64	81	50
175QJ20-247-25	380V/50Hz	25	33.5	247	20	56.5	2850	0.83	64	81	50

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
175QJ20-273-30	380V/50Hz	30	40	273	20	63.3	2850	0.83	64	81	50
175QJ20-299-30	380V/50Hz	30	40	299	20	67.8	2850	0.83	64	81	50
175QJ20-325-32	380V/50Hz	32	43	325	20	72.3	2850	0.83	64	81	50
175QJ20-364-37	380V/50Hz	37	50	364	20	83.6	2850	0.83	64	81	50
175QJ25-26-3	380V/50Hz	3	4	26	25	7.8	2850	0.79	66	74	65
175QJ25-39-5.5	380V/50Hz	5.5	7.5	39	25	13.6	2850	0.8	66	77	65
175QJ25-65-7.5	380V/50Hz	7.5	10	65	25	18.4	2850	0.8	66	77.5	65
175QJ25-78-9.2	380V/50Hz	9.2	12.3	78	25	22.1	2850	0.81	66	79	65
175QJ25-91-11	380V/50Hz	11	15	91	25	26.1	2850	0.81	66	79	65
175QJ25-104-13	380V/50Hz	13	17.4	104	25	30.1	2850	0.82	66	80	65
175QJ25-130-15	380V/50Hz	15	20	130	25	34.7	2850	0.82	66	80	65
175QJ25-156-18.5	380V/50Hz	18.5	25	156	25	42.6	2850	0.82	66	80.5	65
175QJ25-182-22	380V/50Hz	22	30	182	25	49.7	2850	0.83	66	81	65
175QJ25-208-25	380V/50Hz	25	33.5	208	25	56.6	2850	0.83	66	81	65
175QJ25-221-30	380V/50Hz	30	40	221	25	63.3	2850	0.83	66	81	65
175QJ25-247-30	380V/50Hz	30	40	247	25	67.8	2850	0.83	66	81	65
175QJ25-260-32	380V/50Hz	32	43	260	25	72.3	2850	0.83	66	81	65
175QJ25-299-37	380V/50Hz	37	50	299	25	83.6	2850	0.83	66	81	65
175QJ30-30-4	380V/50Hz	4	55	30	30	10.1	2850	0.79	67	76	80
175QJ30-40-5.5	380V/50Hz	5.5	7.5	40	30	13.6	2850	0.8	67	77	80
175QJ32-24-4	380V/50Hz	4	5.5	24	32	10.1	2850	0.79	67	76	80
175QJ32-36-5.5	380V/50Hz	5.5	7.5	36	32	13.6	2850	0.8	67	77	80
175QJ32-48-7.5	380V/50Hz	7.5	10	48	32	18.4	2850	0.8	67	77.5	80
175QJ32-60-9.2	380V/50Hz	9.2	12.3	60	32	22.1	2850	0.81	67	79	80
175QJ32-72-11	380V/50Hz	11	15	72	32	26.1	2850	0.81	67	79	80
175QJ32-84-13	380V/50Hz	13	17.4	84	32	30.1	2850	0.82	67	80	80
175QJ32-96-15	380V/50Hz	15	20	96	32	34.7	2850	0.82	67	80	80
175QJ32-120-18.5	380V/50Hz	18.5	25	120	32	42.6	2850	0.82	67	80.5	80
175QJ32-130-22	380V/50Hz	22	30	130	32	49.7	2850	0.83	67	81	80
175QJ32-144-22	380V/50Hz	22	30	144	32	49.7	2850	0.83	67	81	80
175QJ32-156-25	380V/50Hz	25	33.5	156	32	56.5	2850	0.83	67	81	80
175QJ32-168-25	380V/50Hz	25	33.5	168	32	56.5	2850	0.83	67	81	80
175QJ32-180-30	380V/50Hz	30	40	180	32	63.3	2850	0.83	67	81	80
175QJ32-192-30	380V/50Hz	30	40	192	32	67.8	2850	0.83	67	81	80
175QJ32-204-32	380V/50Hz	32	43	204	32	72.3	2850	0.83	67	81	80
175QJ32-240-37	380V/50Hz	37	50	240	32	83.6	2850	0.83	67	81	80
175QJ35-60-9.2	380V/50Hz	9.2	12.3	60	35	25.0	2850	0.81	67	79	80
175QJ35-75-13	380V/50Hz	13	17.4	75	35	30.1	2850	0.82	67	80	80
175QJ40-24-5.5	380V/50Hz	5.5	7.5	24	40	13.6	2850	0.8	70	77	80
175QJ40-30-5.5	380V/50Hz	5.5	7.5	30	40	13.6	2850	0.8	70	77	80
175QJ40-36-7.5	380V/50Hz	7.5	10	36	40	18.4	2850	0.8	70	77.5	80
175QJ40-48-9.2	380V/50Hz	9.2	12.3	48	40	22.1	2850	0.81	70	79	80
175QJ40-60-11	380V/50Hz	11	15	60	40	26.1	2850	0.81	70	79	80
175QJ40-72-13	380V/50Hz	13	17.4	72	40	30.1	2850	0.82	70	80	80
175QJ40-84-15	380V/50Hz	15	20	84	40	34.7	2850	0.82	70	80	80
175QJ40-96-18.5	380V/50Hz	18.5	25	96	40	42.6	2850	0.82	70	80.5	80
175QJ40-108-22	380V/50Hz	22	30	117	40	49.7	2850	0.83	70	81	80

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
175QJ40-120-22	380V/50Hz	22	30	120	40	49.7	2850	0.83	70	81	80
175QJ40-132-25	380V/50Hz	25	33.5	132	40	56.5	2850	0.83	70	81	80
175QJ40-144-30	380V/50Hz	30	40	144	40	63.3	2850	0.83	70	81	80
175QJ40-156-30	380V/50Hz	30	40	156	40	67.8	2850	0.83	70	81	80
175QJ40-168-32	380V/50Hz	32	43	168	40	72.3	2850	0.83	70	81	80
175QJ40-180-32	380V/50Hz	32	43	180	40	72.3	2850	0.83	70	81	80
175QJ40-192-37	380V/50Hz	37	50	192	40	83.6	2850	0.83	70	81	80
175QJ50-24-5.5	380V/50Hz	5.5	7.5	24	50	13.6	2850	0.8	72	77	80
175QJ50-36-9.2	380V/50Hz	9.2	12.3	36	50	22.1	2850	0.81	72	79	80
175QJ50-40-9.2	380V/50Hz	9.2	12.3	40	50	25.0	2850	0.81	72	79	80
175QJ50-48-11	380V/50Hz	11	15	48	50	26.1	2850	0.81	72	79	80
175QJ50-52-11	380V/50Hz	11	15	53	50	26.1	2850	0.81	72	79	80
175QJ50-60-13	380V/50Hz	13	17.4	60	50	30.1	2850	0.82	72	80	80
175QJ50-70-17	380V/50Hz	17	22.8	70	50	40.9	2850	0.82	72	80	80
175QJ50-84-18.5	380V/50Hz	18.5	25	84	50	42.6	2850	0.82	72	80.5	80
175QJ50-96-22	380V/50Hz	22	30	96	50	49.7	2850	0.83	72	81	80
175QJ50-108-25	380V/50Hz	25	33.5	108	50	56.5	2850	0.83	72	81	80
175QJ50-120-30	380V/50Hz	30	40	120	50	63.3	2850	0.83	72	81	80
175QJ50-132-30	380V/50Hz	30	40	132	50	67.8	2850	0.83	72	81	80
175QJ50-144-32	380V/50Hz	32	43	144	50	72.3	2850	0.83	72	81	80
175QJ50-156-37	380V/50Hz	37	50	156	50	83.6	2850	0.83	72	81	80
175QJ63-22-7.5	380V/50Hz	7.5	10	22	63	18.4	2850	0.8	72	77.5	80
175QJ63-33-9.2	380V/50Hz	9.2	12.3	33	63	25.0	2850	0.81	72	79	80
175QJ63-44-13	380V/50Hz	13	17.4	44	63	30.1	2850	0.82	72	80	80
175QJ63-55-15	380V/50Hz	15	20	55	63	34.7	2850	0.82	72	80	80
175QJ63-66-18.5	380V/50Hz	18.5	25	66	63	42.6	2850	0.82	72	80.5	80
175QJ63-77-22	380V/50Hz	22	30	77	63	49.7	2850	0.83	72	81	80
175QJ63-88-25	380V/50Hz	25	33.5	88	63	56.5	2850	0.83	72	81	80
175QJ63-99-30	380V/50Hz	30	40	99	63	67.8	2850	0.83	72	81	80
175QJ63-110-32	380V/50Hz	32	43	110	63	72.3	2850	0.83	72	81	80
175QJ63-132-37	380V/50Hz	37	50	132	63	83.6	2850	0.83	72	81	80
175QJ80-9-4	380V/50Hz	4	5.5	80	9	10.1	2850	0.79	72	76	80
175QJ80-18-7.5	380V/50Hz	7.5	10	18	80	18.4	2850	0.8	72	77.5	80
175QJ80-27-11	380V/50Hz	11	15	27	80	26.1	2850	0.81	72	79	80
175QJ80-36-15	380V/50Hz	15	20	36	80	34.7	2850	0.82	72	80	80
175QJ80-45-18.5	380V/50Hz	18.5	25	45	80	42.6	2850	0.82	72	80.5	80
175QJ80-54-22	380V/50Hz	22	30	54	80	49.7	2850	0.83	72	81	80
175QJ80-63-25	380V/50Hz	25	33.5	63	80	56.5	2850	0.83	72	81	80
175QJ80-72-25	380V/50Hz	25	33.5	72	80	56.5	2850	0.83	72	81	80
175QJ80-81-30	380V/50Hz	30	40	81	80	67.8	2850	0.83	72	81	80
175QJ80-90-32	380V/50Hz	32	43	90	80	72.3	2850	0.83	72	81	80
175QJ80-99-37	380V/50Hz	37	50	99	80	83.6	2850	0.83	72	81	80

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
200QJ20-40-4	380V/50Hz	4	5.5	40	20	10.1	2850	0.79	67	76	50
200QJ20-54-5.5	380V/50Hz	5.5	7.5	54	20	13.6	2850	0.8	67	77	50
200QJ20-81-7.5	380V/50Hz	7.5	10	81	20	18.0	2850	0.81	67	78	50
200QJ20-93-9.2	380V/50Hz	9.2	12.3	93	20	21.7	2850	0.82	67	78.5	50
200QJ20-108-11	380V/50Hz	11	15	108	20	25.8	2850	0.82	67	79	50
200QJ20-121-13	380V/50Hz	13	17.4	121	20	29.8	2850	0.83	67	80	50
200QJ20-148-15	380V/50Hz	15	20	148	20	33.9	2850	0.83	67	81	50
200QJ20-175-18.5	380V/50Hz	18.5	25	175	20	41.6	2850	0.83	67	81.5	50
200QJ20-202-22	380V/50Hz	22	30	202	20	48.2	2850	0.84	67	82.5	50
200QJ20-243-25	380V/50Hz	25	33.5	243	20	54.5	2850	0.84	67	83	50
200QJ20-270-30	380V/50Hz	30	40	270	20	65.4	2850	0.84	67	83	50
200QJ20-360-37	380V/50Hz	37	50	360	20	79.9	2850	0.84	67	84	50
200QJ20-442-45	380V/50Hz	45	60	442	20	96.6	2850	0.84	67	84	50
200QJ25-28-4	380V/50Hz	4	5.5	28	25	10.1	2850	0.79	68	76	50
200QJ25-42-5.5	380V/50Hz	5.5	7.5	42	25	13.6	2850	0.8	68	77	50
200QJ25-56-7.5	380V/50Hz	7.5	10	56	25	18.0	2850	0.81	68	78	50
200QJ25-70-9.2	380V/50Hz	9.2	12.3	70	25	21.7	2850	0.82	68	78.5	50
200QJ25-78-9.2	380V/50Hz	9.2	12.3	78	25	21.7	2850	0.82	68	78.5	50
200QJ25-91-11	380V/50Hz	11	15	91	25	25.8	2850	0.82	68	79	50
200QJ25-98-11	380V/50Hz	11	15	98	25	25.8	2850	0.82	68	79	50
200QJ25-112-13	380V/50Hz	13	17.4	112	25	29.8	2850	0.83	68	80	50
200QJ25-126-15	380V/50Hz	15	20	126	25	33.9	2850	0.83	68	81	50
200QJ25-154-18.5	380V/50Hz	18.5	25	154	25	41.6	2850	0.83	68	81.5	50
200QJ25-182-22	380V/50Hz	22	30	182	25	48.2	2850	0.84	68	82.5	50
200QJ25-210-25	380V/50Hz	25	33.5	210	25	54.5	2850	0.84	68	83	50
200QJ25-252-30	380V/50Hz	30	40	252	25	65.4	2850	0.84	68	83	50
200QJ25-308-37	380V/50Hz	37	50	308	25	79.7	2850	0.84	68	84	50
200QJ25-378-45	380V/50Hz	45	60	378	25	96.9	2850	0.84	68	84	50
200QJ32-26-4	380V/50Hz	4	5.5	26	32	10.1	2850	0.79	70	76	80
200QJ32-39-5.5	380V/50Hz	5.5	7.5	39	32	13.6	2850	0.8	70	77	80
200QJ32-52-7.5	380V/50Hz	7.5	10	52	32	18.0	2850	0.81	70	78	80
200QJ32-78-11	380V/50Hz	11	15	78	32	25.8	2850	0.82	70	79	80
200QJ32-91-13	380V/50Hz	13	17.4	91	32	29.8	2850	0.83	70	80	80
200QJ32-104-15	380V/50Hz	15	20	104	32	33.9	2850	0.83	70	81	80
200QJ32-130-18.5	380V/50Hz	18.5	25	130	32	41.6	2850	0.83	70	81.5	80
200QJ32-143-22	380V/50Hz	22	30	143	32	48.2	2850	0.84	70	82.5	80
200QJ32-169-25	380V/50Hz	25	33.5	169	32	54.5	2850	0.84	70	83	80
200QJ32-195-30	380V/50Hz	30	40	195	32	65.4	2850	0.84	70	83	80
200QJ32-247-37	380V/50Hz	37	50	247	32	79.7	2850	0.84	70	84	80
200QJ32-299-45	380V/50Hz	45	60	299	32	96.9	2850	0.84	70	84	80
200QJ40-26-5.5	380V/50Hz	5.5	7.5	26	40	13.6	2850	0.8	72	77	80
200QJ40-39-7.5	380V/50Hz	7.5	10	39	40	18.0	2850	0.81	72	78	80
200QJ40-52-9.2	380V/50Hz	9.2	12.3	52	40	21.7	2850	0.82	72	78.5	80
200QJ40-65-13	380V/50Hz	13	17.4	65	40	29.8	2850	0.83	72	80	80
200QJ40-78-15	380V/50Hz	15	20	78	40	33.9	2850	0.83	72	81	80
200QJ40-104-18.5	380V/50Hz	18.5	25	104	40	41.6	2850	0.83	72	81.5	80

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min		%	%	mm
200QJ40-117-22	380V/50Hz	22	30	117	40	48.2	2850	0.84	72	82.5	80
200QJ40-143-25	380V/50Hz	25	33.5	143	40	54.5	2850	0.84	72	83	80
200QJ40-169-30	380V/50Hz	30	40	169	40	65.4	2850	0.84	72	83	80
200QJ40-208-37	380V/50Hz	37	50	208	40	79.7	2850	0.84	72	84	80
200QJ40-247-45	380V/50Hz	45	60	247	40	96.9	2850	0.84	72	84	80
200QJ50-26-5.5	380V/50Hz	5.5	7.5	26	50	13.6	2850	0.8	74	77	80
200QJ50-39-9.2	380V/50Hz	9.2	12.3	39	50	21.7	2850	0.82	74	78.5	80
200QJ50-52-11	380V/50Hz	11	15	52	50	25.8	2850	0.82	74	79	80
200QJ50-65-15	380V/50Hz	15	20	65	50	33.9	2850	0.83	74	81	80
200QJ50-78-18.5	380V/50Hz	18.5	25	78	50	41.6	2850	0.83	74	81.5	80
200QJ50-91-22	380V/50Hz	22	30	91	50	48.2	2850	0.84	74	82.5	80
200QJ50-104-25	380V/50Hz	25	33.5	104	50	54.5	2850	0.84	74	83	80
200QJ50-117-25	380V/50Hz	25	33.5	117	50	54.5	2850	0.84	74	83	80
200QJ50-130-30	380V/50Hz	30	40	130	50	65.4	2850	0.84	74	83	80
200QJ50-156-37	380V/50Hz	37	50	156	50	79.7	2850	0.84	74	84	80
200QJ50-180-45	380V/50Hz	45	60	180	50	96.9	2850	0.84	74	84	80
200QJ50-208-45	380V/50Hz	45	60	208	50	96.9	2850	0.84	74	84	80
200QJ63-24-7.5	380V/50Hz	7.5	10	24	63	18.0	2850	0.81	74	78	80
200QJ63-36-11	380V/50Hz	11	15	36	63	25.8	2850	0.82	74	79	80
200QJ63-60-18.5	380V/50Hz	18.5	25	60	63	41.6	2850	0.83	74	81.5	80
200QJ63-72-22	380V/50Hz	22	30	72	63	48.2	2850	0.84	74	82.5	80
200QJ63-84-25	380V/50Hz	25	33.5	84	63	54.5	2850	0.84	74	83	80
200QJ63-96-30	380V/50Hz	30	40	96	63	65.4	2850	0.84	74	83	80
200QJ63-120-37	380V/50Hz	37	50	120	63	79.7	2850	0.84	74	84	80
200QJ63-144-45	380V/50Hz	45	60	144	63	96.9	2850	0.84	74	84	80
200QJ80-22-7.5	380V/50Hz	7.5	10	22	80	18.0	2850	0.81	75	78	100
200QJ80-33-11	380V/50Hz	11	15	33	80	25.8	2850	0.82	75	79	100
200QJ80-44-15	380V/50Hz	15	20	44	80	33.9	2850	0.83	75	81	100
200QJ80-55-18.5	380V/50Hz	18.5	25	55	80	41.6	2850	0.83	75	81.5	100
200QJ80-66-22	380V/50Hz	22	30	66	80	48.2	2850	0.84	75	82.5	100
200QJ80-77-25	380V/50Hz	25	33.5	77	80	54.4	2850	0.84	75	83	100
200QJ80-88-30	380V/50Hz	30	40	88	80	65.4	2850	0.84	75	83	100
200QJ80-99-37	380V/50Hz	37	50	99	80	79.7	2850	0.84	75	84	100
200QJ80-110-37	380V/50Hz	37	50	110	80	79.7	2850	0.84	75	84	100
200QJ80-121-45	380V/50Hz	45	60	121	80	96.9	2850	0.84	75	84	100
200QJ100-18-9.2	380V/50Hz	9.2	12.3	18	100	21.7	2850	0.82	74	78.5	100
200QJ100-36-18.5	380V/50Hz	18.5	25	36	100	41.6	2850	0.83	74	81.5	100
200QJ100-45-22	380V/50Hz	22	30	45	100	48.2	2850	0.84	74	82.5	100
200QJ100-54-25	380V/50Hz	25	33.5	54	100	54.5	2850	0.84	74	83	100
200QJ100-63-30	380V/50Hz	30	40	63	100	65.4	2850	0.84	74	83	100
200QJ100-72-37	380V/50Hz	37	50	72	100	79.7	2850	0.84	74	84	100
200QJ100-90-45	380V/50Hz	45	60	90	100	96.9	2850	0.84	74	84	100

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
250QJ40-22	380V/50Hz	4	5.5	22	40	9.7	2850	0.81	70	76	80
250QJ40-44-7.5	380V/50Hz	7.5	7.5	44	40	18	2850	0.81	70	78	80
250QJ40-66-13	380V/50Hz	13	17.4	66	40	30.1	2850	0.82	70	80	80
250QJ40-88-15	380V/50Hz	15	20	88	40	33.9	2850	0.83	70	81	80
250QJ40-110-18.5	380V/50Hz	18.5	25	110	40	40.8	2850	0.84	70	82	80
250QJ40-132-25	380V/50Hz	25	33.5	132	40	53.8	2850	0.84	70	84	80
250QJ40-154-30	380V/50Hz	30	40	154	40	64.2	2850	0.85	70	84.5	80
250QJ40-198-37	380V/50Hz	37	50	198	40	77.8	2850	0.85	70	85	80
250QJ40-242-45	380V/50Hz	45	60	242	40	94.1	2850	0.85	70	85.5	80
250QJ40-286-55	380V/50Hz	55	75	286	40	114.3	2850	0.85	70	86	80
250QJ40-330-63	380V/50Hz	63	84	330	40	130.9	2850	0.85	70	86	80
250QJ50-20-5.5	380V/50Hz	5.5	7.5	20	50	13.6	2850	0.8	72	77	80
250QJ50-40-9.2	380V/50Hz	9.2	12.3	40	50	21.7	2850	0.81	72	78.5	80
250QJ50-60-13	380V/50Hz	13	17.4	60	50	30.1	2850	0.82	72	80	80
250QJ50-80-18.5	380V/50Hz	18.5	25	80	50	40.8	2850	0.84	72	82	80
250QJ50-100-22	380V/50Hz	22	30	100	50	48.0	2850	0.84	72	83	80
250QJ50-120-25	380V/50Hz	25	33.5	120	50	53.8	2850	0.84	72	84	80
250QJ50-140-30	380V/50Hz	30	40	140	50	64.2	2850	0.85	72	84.5	80
250QJ50-160-37	380V/50Hz	37	50	160	50	77.8	2850	0.85	72	85	80
250QJ50-200-45	380V/50Hz	45	60	200	50	94.1	2850	0.85	72	85.5	80
250QJ50-240-55	380V/50Hz	55	75	240	50	114.3	2850	0.85	72	86	80
250QJ50-260-55	380V/50Hz	55	75	260	50	114.3	2850	0.85	72	86	80
250QJ50-280-63	380V/50Hz	63	84	280	50	130.9	2850	0.85	72	86	80
250QJ50-320-75	380V/50Hz	75	100	320	50	152.3	2850	0.85	72	85.5	80
250QJ50-400-90	380V/50Hz	90	120	400	50	182.8	2850	0.86	72	87	80
250QJ50-440-100	380V/50Hz	100	134	440	50	203.1	2850	0.86	72	87	80
250QJ50-480-110	380V/50Hz	110	150	480	50	220.8	2850	0.87	72	87	80
250QJ63-20-5.5	380V/50Hz	5.5	7.5	20	63	13.6	2850	0.8	74	77	80
250QJ63-40-11	380V/50Hz	11	15	60	63	25.8	2850	0.82	74	79	80
250QJ63-60-18.5	380V/50Hz	18.5	25	60	63	40.8	2850	0.84	74	82	80
250QJ63-80-22	380V/50Hz	22	30	80	63	48.0	2850	0.84	74	83	80
250QJ63-100-30	380V/50Hz	30	40	100	63	64.2	2850	0.85	74	84.5	80
250QJ63-120-37	380V/50Hz	37	50	120	63	77.8	2850	0.85	74	85	80
250QJ63-160-45	380V/50Hz	45	60	160	63	94.1	2850	0.85	74	85.5	80
250QJ63-200-55	380V/50Hz	55	75	200	63	114.3	2850	0.85	74	86	80
250QJ63-220-63	380V/50Hz	63	84	220	63	130.9	2850	0.85	74	86	80
250QJ63-260-75	380V/50Hz	75	100	260	63	152.3	2850	0.85	74	85.5	80
250QJ63-300-90	380V/50Hz	90	120	300	63	182.8	2850	0.86	74	87	80
250QJ63-360-100	380V/50Hz	100	134	360	63	203.1	2850	0.86	74	87	80
250QJ63-400-110	380V/50Hz	110	150	400	63	220.8	2850	0.87	74	87	80
250QJ63-460-125	380V/50Hz	125	168	460	63	249.6	2850	0.87	74	87.5	80
250QJ80-20-7.5	380V/50Hz	7.5	10	20	80	18.0	2850	0.81	75	78	100
250QJ80-40-15	380V/50Hz	15	20	40	80	33.9	2850	0.83	75	81	100
250QJ80-60-22	380V/50Hz	22	30	60	80	48.0	2850	0.84	75	83	100
250QJ80-80-30	380V/50Hz	30	40	80	80	64.2	2850	0.85	75	84.5	100
250QJ80-100-37	380V/50Hz	37	50	100	80	77.8	2850	0.85	75	85	100

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated.flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
250QJ80-120-45	380V/50Hz	45	60	120	80	94.1	2850	0.85	75	85.5	100
250QJ80-140-55	380V/50Hz	55	75	140	80	114.3	2850	0.85	75	86	100
250QJ80-160-55	380V/50Hz	55	75	160	80	114.3	2850	0.85	75	86	100
250QJ80-180-63	380V/50Hz	63	84	180	80	130.9	2850	0.85	75	86	100
250QJ80-200-75	380V/50Hz	75	100	200	80	152.3	2850	0.85	75	85.5	100
250QJ80-240-90	380V/50Hz	90	120	240	80	182.8	2850	0.86	75	87	100
250QJ80-280-100	380V/50Hz	100	134	280	80	203.1	2850	0.86	75	87	100
250QJ80-320-110	380V/50Hz	110	150	320	80	220.8	2850	0.87	75	87	100
250QJ100-18-7.5	380V/50Hz	7.5	10	18	100	18.0	2850	0.81	75	78	100
250QJ100-36-15	380V/50Hz	15	20	36	100	33.9	2850	0.83	75	81	100
250QJ100-54-25	380V/50Hz	25	33.5	54	100	53.8	2850	0.84	75	84	100
250QJ100-72-30	380V/50Hz	30	40	72	100	64.8	2850	0.85	75	84.5	100
250QJ100-90-37	380V/50Hz	37	50	90	100	77.8	2850	0.85	75	85	100
250QJ100-108-45	380V/50Hz	45	60	108	100	94.1	2850	0.85	75	85.5	100
250QJ100-126-55	380V/50Hz	55	75	126	100	114.3	2850	0.85	75	86	100
250QJ100-144-63	380V/50Hz	63	84	144	100	130.9	2850	0.85	75	86	100
250QJ100-162-75	380V/50Hz	75	100	162	100	152.3	2850	0.85	75	85.5	100
250QJ100-198-90	380V/50Hz	90	120	198	100	182.8	2850	0.86	75	87	100
250QJ100-216-100	380V/50Hz	100	134	216	100	203.1	2850	0.86	75	87	100
250QJ100-252-110	380V/50Hz	110	150	252	100	220.8	2850	0.87	75	87	100
250QJ100-280-125	380V/50Hz	125	168	280	100	249.6	2850	0.87	75	87.5	100
250QJ125-16-9.2	380V/50Hz	9.2	12.3	16	125	21.7	2850	0.81	76	78.5	125
250QJ125-32-18.5	380V/50Hz	18.5	25	32	125	40.8	2850	0.84	76	82	125
250QJ125-48-25	380V/50Hz	25	33.5	48	125	53.8	2850	0.84	76	84	125
250QJ125-64-37	380V/50Hz	37	50	64	125	77.8	2850	0.85	76	85	125
250QJ125-80-45	380V/50Hz	45	60	80	125	94.1	2850	0.85	76	85.5	125
250QJ125-96-55	380V/50Hz	55	75	96	125	114.3	2850	0.85	76	86	125
250QJ125-112-63	380V/50Hz	63	84	112	125	130.9	2850	0.85	76	86	125
250QJ125-128-75	380V/50Hz	75	100	128	125	152.3	2850	0.85	76	85.5	125
250QJ125-160-90	380V/50Hz	90	120	160	125	182.8	2850	0.86	76	87	125
250QJ125-176-100	380V/50Hz	100	134	176	125	203.1	2850	0.86	76	87	125
250QJ125-192-110	380V/50Hz	110	150	192	125	220.8	2850	0.87	76	87	125
250QJ125-224-125	380V/50Hz	125	168	224	125	249.6	2850	0.87	76	87.5	125
250QJ140-15-9.2	380V/50Hz	9.2	12.3	15	140	21.7	2850	0.81	76	78.5	125
250QJ140-30-18.5	380V/50Hz	18.5	25	30	140	40.8	2850	0.84	76	82	125
250QJ140-45-30	380V/50Hz	30	40	45	140	64.2	2850	0.85	76	84.5	125
250QJ140-60-37	380V/50Hz	37	50	60	140	77.8	2850	0.85	76	85	125
250QJ140-75-45	380V/50Hz	45	60	75	140	94.1	2850	0.85	76	85.5	125
250QJ140-90-55	380V/50Hz	55	75	90	140	114.3	2850	0.85	76	86	125
250QJ140-105-63	380V/50Hz	63	84	105	140	130.9	2850	0.85	76	86	125
250QJ140-120-75	380V/50Hz	75	100	120	140	152.3	2850	0.85	76	85.5	125
250QJ140-150-90	380V/50Hz	90	120	150	140	182.8	2850	0.86	76	87	125
250QJ140-165-100	380V/50Hz	100	134	165	140	203.1	2850	0.86	76	87	125
250QJ140-180-110	380V/50Hz	110	150	180	140	220.8	2850	0.87	76	87	125
250QJ140-210-125	380V/50Hz	125	168	210	140	249.6	2850	0.87	76	87.5	125
250QJ200-20-18.5	380V/50Hz	18.5	25	20	200	40.8	2850	0.84	75	82	150

QJ DEEP WELL PUMP

MUNICIPAL IRRIGATION

Model	Voltage	Power		Rated head	Rated.flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
250QJ200-40-37	380V/50Hz	37	50	40	200	77.8	2850	0.85	75	85	150
250QJ200-60-55	380V/50Hz	55	75	60	200	114.3	2850	0.85	75	86	150
250QJ200-80-75	380V/50Hz	75	100	80	200	152.3	2850	0.85	75	85.5	150
250QJ200-100-90	380V/50Hz	90	120	100	200	182.8	2850	0.86	75	87	150
250QJ200-120-100	380V/50Hz	100	134	120	200	203.1	2850	0.86	75	87	150
250QJ200-140-125	380V/50Hz	125	168	140	200	249.6	2850	0.87	75	87.5	150

Model	Voltage	Power		Rated head	Rated.flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
Three-phase		kW	HP	m	m³/h	A	r/min	cosφ	%	%	mm
300QJ125-22-13	380V/50Hz	13	17.4	22	125	29.2	2900	0.8	75	81.5	125
300QJ125-44-25	380V/50Hz	25	33.5	44	125	64.2	2900	0.84	75	84.5	125
300QJ125-66-37	380V/50Hz	37	50	66	125	77.8	2900	0.85	75	85	125
300QJ125-88-45	380V/50Hz	45	60	88	125	94.7	2900	0.85	75	85	125
300QJ125-110-63	380V/50Hz	63	84	110	125	132.5	2900	0.85	75	86	125
300QJ125-132-75	380V/50Hz	75	100	132	125	154.1	2900	0.86	75	86	125
300QJ125-154-90	380V/50Hz	90	120	154	125	183.9	2900	0.86	75	87	125
300QJ125-176-100	380V/50Hz	100	134	176	125	204.3	2900	0.86	75	86.5	125
300QJ125-198-110	380V/50Hz	110	150	198	125	220.9	2900	0.87	75	87.5	125
300QJ125-220-125	380V/50Hz	125	168	220	125	249.6	2900	0.87	75	87.5	125
300QJ125-242-140	380V/50Hz	140	188	242	125	278.0	2900	0.87	75	88	125
300QJ140-21-13	380V/50Hz	13	17.4	21	140	29.2	2900	0.8	75	81.5	150
300QJ140-42-25	380V/50Hz	25	33.5	42	140	64.2	2900	0.84	75	84.5	150
300QJ140-63-37	380V/50Hz	37	50	63	140	77.8	2900	0.85	75	85	150
300QJ140-84-55	380V/50Hz	55	75	84	140	115.0	2900	0.85	75	85.5	150
300QJ140-105-63	380V/50Hz	63	84	105	140	132.5	2900	0.85	75	86	150
300QJ140-126-75	380V/50Hz	75	100	126	140	154.1	2900	0.86	75	86	150
300QJ140-147-90	380V/50Hz	90	120	147	140	183.9	2900	0.86	75	87	150
300QJ140-168-100	380V/50Hz	100	134	168	140	204.3	2900	0.86	75	86.5	150
300QJ140-189-110	380V/50Hz	110	150	189	140	220.9	2900	0.87	75	87.5	150
300QJ140-210-125	380V/50Hz	125	168	210	140	249.6	2900	0.87	75	87.5	150
300QJ140-231-140	380V/50Hz	140	188	231	140	278.0	2900	0.87	75	88	150
300QJ140-252-160	380V/50Hz	160	215	252	140	317.7	2900	0.87	75	88	150
300QJ140-294-185	380V/50Hz	185	250	294	140	367.3	2900	0.87	75	88	150
300QJ140-336-220	380V/50Hz	220	300	336	140	436.9	2900	0.87	75	88	150
300QJ200-20-18.5	380V/50Hz	18.5	25	20	200	40.3	2900	0.83	76	81.5	150
300QJ200-40-37	380V/50Hz	37	50	40	200	77.8	2900	0.85	76	85	150
300QJ200-60-55	380V/50Hz	55	75	60	200	115.0	2900	0.85	76	85.5	150
300QJ200-80-75	380V/50Hz	75	100	80	200	154.1	2900	0.86	76	86	150
300QJ200-100-90	380V/50Hz	90	120	100	200	183.9	2900	0.86	76	87	150
300QJ200-120-100	380V/50Hz	100	134	120	200	204.3	2900	0.86	76	86.5	150
300QJ200-140-125	380V/50Hz	125	168	140	200	249.6	2900	0.87	76	87.5	150
300QJ200-160-140	380V/50Hz	140	188	160	200	278.0	2900	0.87	76	88	150
300QJ200-180-160	380V/50Hz	160	215	180	200	317.7	2900	0.87	76	88	150
300QJ200-200-185	380V/50Hz	185	250	200	200	367.3	2900	0.87	76	88	150
300QJ200-240-220	380V/50Hz	220	300	240	200	436.6	2900	0.87	76	88	150
300QJ320-30-45	380V/50Hz	45	60	30	320	94.7	2900	0.85	76	85	150
300QJ320-60-90	380V/50Hz	90	120	60	320	183.9	2900	0.86	76	87	150

QJ DEEP WELL PUMP

Model Three-phase	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
		kW	HP	m	m^3/h	A	r/min	cosφ	%	%	mm
300QJ320-90-125	380V/50Hz	125	168	90	320	249.6	2900	0.87	76	87.5	150
300QJ320-120-185	380V/50Hz	185	250	120	320	367.3	2900	0.87	76	88	150
300QJ320-150-220	380V/50Hz	220	300	150	320	436.6	2900	0.87	76	88	150

Model Three-phase	Voltage	Power		Rated head	Rated flow	Rated current	Speed	Power factor	Pump efficiency	Motor efficiency	Outlet Size
		kW	HP	m	m^3/h	A	r/min	cosφ	%	%	mm
350QJ200-36-30	380V/50Hz	30	40	36	200	65.4	2900	0.83	75	84	150
350QJ200-48-45	380V/50Hz	45	60	48	200	96.9	2900	0.83	75	85	150
350QJ200-60-55	380V/50Hz	55	75	60	200	118.5	2900	0.83	75	85	150
350QJ200-72-63	380V/50Hz	63	85	72	200	132.5	2900	0.84	75	86.5	150
350QJ200-84-75	380V/50Hz	75	102	84	200	157.7	2900	0.84	75	86	150
350QJ200-96-90	380V/50Hz	90	122	96	200	187.1	2900	0.84	75	87	150
350QJ200-120-110	380V/50Hz	110	150	120	200	224.7	2900	0.85	75	87.5	150
350QJ200-144-125	380V/50Hz	125	170	144	200	225.4	2900	0.85	75	87.5	150
350QJ200-168-140	380V/50Hz	140	190	165	200	284.4	2900	0.85	75	88	150
350QJ200-192-160	380V/50Hz	160	218	192	200	157.7	2900	0.84	75	88	150
350QJ320-22-30	380V/50Hz	30	40	22	320	65.4	2900	0.83	76	84	200
350QJ320-33-45	380V/50Hz	45	60	33	320	96.6	2900	0.83	76	85	200
350QJ320-44-63	380V/50Hz	63	85	44	320	132.5	2900	0.84	76	86.5	200
350QJ320-55-75	380V/50Hz	75	102	55	320	157.5	2900	0.84	76	86	200
350QJ320-66-90	380V/50Hz	90	122	66	320	187.1	2900	0.84	76	87	200
350QJ320-77-110	380V/50Hz	110	150	77	320	224.8	2900	0.85	76	87.5	200
350QJ320-88-125	380V/50Hz	125	170	88	320	255.5	2900	0.85	76	87.5	200
350QJ320-99-140	380V/50Hz	140	190	99	320	284.5	2900	0.85	76	88	200
350QJ320-110-160	380V/50Hz	160	218	110	320	325.1	2900	0.85	76	88	200

PD OIL COOLING SUBMERISIBLE MOTOR

Installation And Use

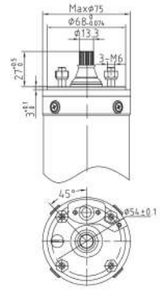
Single-phase capacitor inside motor use 2+ 1 wires Single-phase motor capacitor outside(with control box,black wire is the public wire, blue is the main wire, brown is the sub-wire, yellow and green is the grounding wire)or three-phase Motor use 3+1 wires

Application Limits

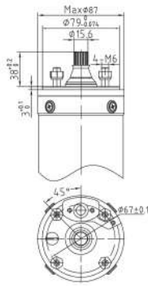
Single-phase: 0.18KW to 2.2KW
Three-phase: 0.55KW to 55KW
Voltage: 220V
Insulation: B
Protection grade: IP68
Max Liquid temperature: 40 °C
Connection and coupling size according to Company standardMotor casing:SUS201 or SUS304
Top chock: cast-Iron or brass
Max diameter: ϕ75
Cable: 2 + 1wires or 3 + 1wires

3/3.5"
OIL COOLING SUBMERISIBLE MOTOR

Food grade chemical oil
Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft



3" OIL COOLING SUBMERISIBLE MOTOR

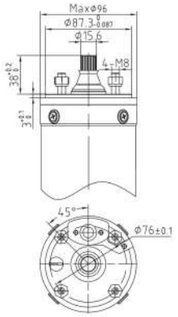


3.5" OIL COOLING SUBMERISIBLE MOTOR

Model Single-phase	Voltage	Power	Current	Power factor	Speed	L	Weight	Model Single-phase	Voltage	Power	Current	Power factor	Speed	L	Weight
		kW	A	cosφ	r/min	mm	kg			kW	A	cosφ	r/min	mm	kg
3PD-S1-V1-G1-0.18	220V/50HZ	0.18	2.2	0.93	2850	304	3.9	3.5PD-S1-V1-G1-0.37	220V/50HZ	0.37	4	0.93	2850	365.5	6
3PD-S1-V1-G1-0.25	220V/50HZ	0.25	3	0.93	2850	314	4.5	3.5PD-S1-V1-G1-0.55	220V/50HZ	0.55	5.4	0.94	2850	390.5	7.1
3PD-S1-V1-G1-0.37	220V/50HZ	0.37	3.4	0.93	2850	359	5.8	3.5PD-S1-V1-G1-0.75	220V/50HZ	0.75	6.5	0.95	2850	405.5	8.5
3PD-S1-V1-G1-0.55	220V/50HZ	0.55	4.4	0.94	2850	389	6.6	3.5PD-S1-V1-G1-0.92	220V/50HZ	0.92	7.3	0.95	2850	415.5	9.6
3PD-S1-V1-G1-0.75	220V/50Hz	0.75	5.5	0.95	2850	429	7.8	3.5PD-S1-V1-G1-1.1	220V/50Hz	1.1	8.2	0.96	2850	435.5	10.2
3PD-S1-V1-G1-1.1	220V/50HZ	1.1	9.5	0.96	2850	469	9.2	3.5PD-S1-V1-G1-1.5	220V/50HZ	1.5	9.8	0.97	2850	475.5	11.2
3PD-S1-V1-G1-1.5	220V/50Hz	1.5	10.5	0.97	2850	559	10.9	3.5PD-S1-V1-G1-1.8	220V/50Hz	1.8	11.3	0.98	2850	505.5	13.1

4"
OIL COOLING SUBMERISIBLE MOTOR

Food grade chemical oil
Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft

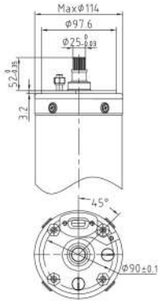


Model Single-phase	Voltage	Power	Current	Power factor	Speed	L	Weight	Model Three-phase	Voltage	Power	Current	Power factor	Speed	L	Weight
		kW	A	cosφ	r/min	mm	kg			kW	A	cosφ	r/min	mm	kg
4PD-S1-V1-G1-0.37	220V/50Hz	0.37	3.2	0.93	2850	354	6.1	4PD-S1-V5-G1-0.55	380V/50Hz	0.55	1.9	0.76	2850	374	7
4PD-S1-V1-G1-0.55	220V/50Hz	0.55	4.2	0.94	2850	374	7.4	4PD-S1-V5-G1-0.75	380V/50Hz	0.75	2.8	0.77	2850	399	8.3
4PD-S1-V1-G1-0.75	220V/50Hz	0.75	5.8	0.95	2850	399	8.8	4PD-S1-V5-G1-1.1	380V/50Hz	1.1	3.8	0.78	2850	429	10.1
4PD-S1-V1-G1-1.1	220V/50Hz	1.1	8.6	0.96	2850	439	10.6	4PD-S1-V5-G1-1.5	380V/50Hz	1.5	4.8	0.79	2850	454	11.4
4PD-S1-V1-G1-1.5	220V/50Hz	1.5	10.2	0.97	2850	489	13	4PD-S1-V5-G1-2.2	380V/50Hz	2.2	6.0	0.8	2850	534	15.2
4PD-S1-V1-G1-2.2	220V/50Hz	2.2	15.2	0.99	2850	574	15.9	4PD-S1-V5-G1-3.0	380V/50Hz	3	7.2	0.81	2850	589	17.9
								4PD-S1-V5-G1-4.0	380V/50Hz	4	10.8	0.81	2850	720	21.5
								4PD-S1-V5-G1-5.5	380V/50Hz	5.5	12.5	0.82	2850	810	25.3
								4PD-S1-V5-G1-7.5	380V/50Hz	7.5	16.5	0.82	2850	900	29.7

PD OIL COOLING SUBMERISIBLE MOTOR

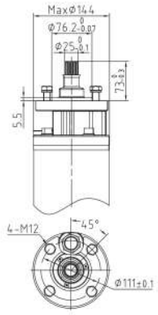
5"
OIL COOLING SUBMERISIBLE MOTOR

Food grade chemical oil
Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft



6"
OIL COOLING SUBMERISIBLE MOTOR

Food grade chemical oil
Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft



Model Three-phase	Voltage	Power kW	Current A	Power factor cosφ	Speed r/min	L mm	Weight kg	Model Three-phase	Voltage	Power kW	Current A	Power factor cosφ	Speed r/min	L mm	Weight kg
5PD-S1-V5-G1-2.2	380V/50Hz	2.2	5.5	0.83	2850	529	18.2	6PD-S1-V5-G1-3.0	380V/50Hz	3	7.5	0.8	2860	641	38.7
5PD-S1-V5-G1-3.0	380V/50Hz	3	7.5	0.83	2850	559	20.3	6PD-S1-V5-G1-4.0	380V/50Hz	4	9.5	0.8	2860	676	41.5
5PD-S1-V5-G1-4.0	380V/50Hz	4	9.5	0.84	2850	599	23	6PD-S1-V5-G1-5.5	380V/50Hz	5.5	12.5	0.8	2860	706	44.3
5PD-S1-V5-G1-5.5	380V/50Hz	5.5	12.8	0.84	2850	649	26.5	6PD-S1-V5-G1-7.5	380V/50Hz	7.5	18.5	0.81	2860	756	48.3
5PD-S1-V5-G1-7.5	380V/50Hz	7.5	17.2	0.84	2850	709	30.4	6PD-S1-V5-G1-9.2	380V/50Hz	9.2	20.5	0.81	2860	806	52.9
5PD-S1-V5-G1-9.2	380V/50Hz	9.2	20.7	0.85	2850	779	37	6PD-S1-V5-G1-11	380V/50Hz	11	22.5	0.82	2860	856	57.8
5PD-S1-V5-G1-11	380V/50Hz	11	24.6	0.85	2850	829	40.5	6PD-S1-V5-G1-13	380V/50Hz	13	25.5	0.82	2860	906	62.9
5PD-S1-V5-G1-13	380V/50Hz	13	29	0.85	2850	879	44.2	6PD-S1-V5-G1-15	380V/50Hz	15	32.5	0.83	2860	956	66
5PD-S1-V5-G1-15	380V/50Hz	15	33.6	0.83	2850	929	48.2	6PD-S2-V5-G1-18.5	380V/50Hz	18.5	40	0.83	2860	898	61.4
								6PD-S2-V5-G1-22	380V/50Hz	22	47.2	0.83	2860	938	69
								6PD-S2-V5-G1-26	380V/50Hz	26	55.4	0.84	2860	993	77
								6PD-S2-V5-G1-30	380V/50Hz	30	64	0.84	2860	1053	84
								6PD-S2-V5-G1-37	380V/50Hz	37	77	0.84	2860	1118	92
								6PD-S2-V5-G1-45	380V/50Hz	45	94	0.84	2860	1178	100

PHD WATER COOLING SUBMERISIBLE MOTOR

Installation And Use

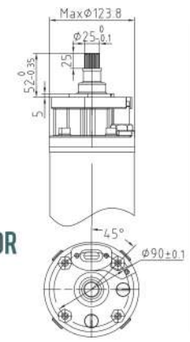
The water-filled deep well motor designed with double flange connection, spline according to NEMA standard. Thanks to high effeniceny motor design and work with high thrust bearing, the motor work in stable performance and low temperature rise.

Application Limits

Three-phase: 2.2KW to 185KW
Voltage: 380V
Insulation: B
Protection grade: IP68
Max Liquid temperature: 40°C
Connection and coupling size according to Company standardMotor casing:SUS201 or SUS304
Top chock: cast-iron or brass
Max diameter: ϕ75
Cable: 2 + 1 wires or 3 + 1 wires

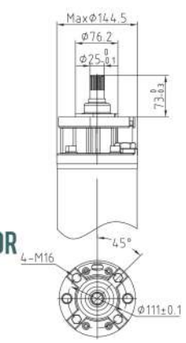
5"
WATER COOLING SUBMERISIBLE MOTOR

Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft



6"
WATER COOLING SUBMERISIBLE MOTOR

Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft

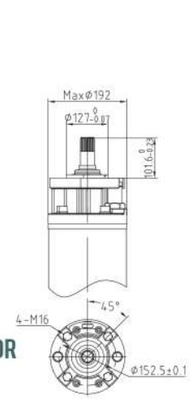


PHD WATER COOLING SUBMERISIBLE MOTOR

Model Three-phase	Voltage	Power kW	Current A	Power factor cosφ	Speed r/min	L mm	Weight kg	Model Three-phase	Voltage	Power kW	Current A	Power factor cosφ	Speed r/min	L mm	Weight kg
5PHD-S2-V5-G1-4.0	380V/50Hz	4	11	0.78	2850	842	36.8	6PHD-S2-V5-G1-3.0	380V/50Hz	3	7.8	0.78	2860	740	38
5PHD-S2-V5-G1-5.5	380V/50Hz	5.5	14.3	0.79	2850	882	41.5	6PHD-S2-V5-G1-4.0	380V/50Hz	4	10	0.79	2860	761	42
5PHD-S2-V5-G1-7.5	380V/50Hz	7.5	19	0.81	2850	902	44.6	6PHD-S2-V5-G1-5.5	380V/50Hz	5.5	13.2	0.8	2860	801	46
5PHD-S2-V5-G1-9.2	380V/50Hz	9.2	23	0.83	2850	952	48.3	6PHD-S2-V5-G1-7.5	380V/50Hz	7.5	17.8	0.8	2860	836	50
5PHD-S2-V5-G1-11	380V/50Hz	11	27.5	0.79	2850	1002	53.0	6PHD-S2-V5-G1-9.2	380V/50Hz	9.2	21.9	0.81	2860	866	54
5PHD-S2-V5-G1-13	380V/50Hz	13	32	0.83	2850	1072	58.3	6PHD-S2-V5-G1-11	380V/50Hz	11	26.2	0.81	2860	891	57
5PHD-S2-V5-G1-15	380V/50Hz	15	36	0.82	2850	1132	62.8	6PHD-S2-V5-G1-13	380V/50Hz	13	30	0.81	2860	921	62
5PHD-S2-V5-G1-18.5	380V/50Hz	18.5	44	0.81	2850	1212	69.7	6PHD-S2-V5-G1-15	380V/50Hz	15	34.3	0.81	2860	976	67
								6PHD-S2-V5-G1-18.5	380V/50Hz	18.5	40.8	0.82	2860	1026	74
								6PHD-S2-V5-G1-22	380V/50Hz	22	48.6	0.82	2860	1076	79
								6PHD-S2-V5-G1-26	380V/50Hz	26	56	0.82	2860	1131	84
								6PHD-S2-V5-G1-30	380V/50Hz	30	64.6	0.83	2860	1186	90
								6PHD-S2-V5-G1-37	380V/50Hz	37	78	0.83	2860	1276	105

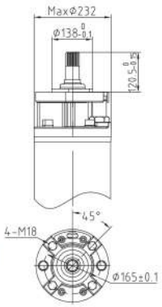
8"
WATER COOLING SUBMERISIBLE MOTOR

Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft



10"
WATER COOLING SUBMERISIBLE MOTOR

Stator: Cold rolled silicon steel sheet
Shaft: Stainless steel welded shaft



Model Three-phase	Voltage	Power kW	Current A	Power factor cosφ	Speed r/min	L mm	Weight kg	Model Three-phase	Voltage	Power kW	Current A	Power factor cosφ	Speed r/min	L mm	Weight kg
8PHD-S2-V5-G1-30	380V/50Hz	30	64.5	0.84	2860	1280	142	10PHD-S2-V5-G1-75	380V/50Hz	75	152	0.86	2860	1605	211
8PHD-S2-V5-G1-37	380V/50Hz	37	79.7	0.84	2860	1325	148	10PHD-S2-V5-G1-96	380V/50Hz	96	182	0.86	2860	1695	257
8PHD-S2-V5-G1-45	380V/50Hz	45	94.6	0.85	2860	1380	160	10PHD-S2-V5-G1-110	380V/50Hz	110	220	0.87	2860	1815	298
8PHD-S2-V5-G1-55	380V/50Hz	55	115.7	0.85	2860	1515	188	10PHD-S2-V5-G1-130	380V/50Hz	130	275	0.87	2860	2035	365
8PHD-S2-V5-G1-64	380V/50Hz	64	132	0.86	2860	1575	198	10PHD-S2-V5-G1-150	380V/50Hz	150	310	0.87	2860	2265	435
8PHD-S2-V5-G1-75	380V/50Hz	75	155	0.86	2860	1645	211	10PHD-S2-V5-G1-185	380V/50Hz	185	365	0.87	2860	2585	525
8PHD-S2-V5-G1-90	380V/50Hz	90	185	0.86	2860	1720	231								
8PHD-S2-V5-G1-100	380V/50Hz	100	205	0.86	2860	1851	270								
8PHD-S2-V5-G1-110	380V/50Hz	110	226	0.88	2860	1855	300								

DEEP WELL PUMP

DEEP WELL PUMP

SUBMERSIBLE PUMP

The submersible pump classification includes various garden submersible pumps, vibration pumps, fountain pumps and so on. Submersible pumps are important equipment for water extraction. When used, the whole unit sneak into the water to extract groundwater to the surface.

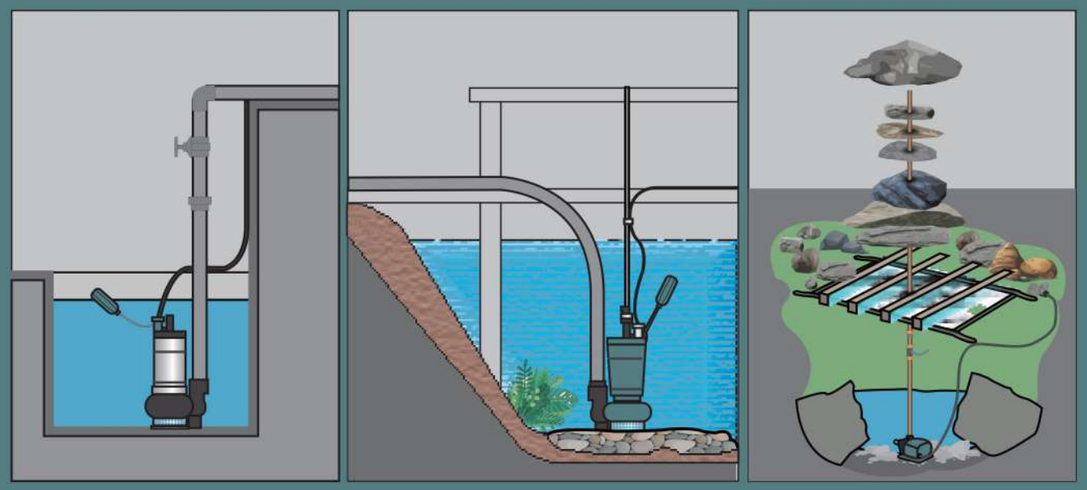
IRRIGATION

INDUSTRY

MUNICIPAL

Application

This series of submersible pumps are suitable for use with clean water and with liquids that are not chemically aggressive towards the materials from which the pump is made. It can be used for domestic water, mine rescue, farmland irrigation, ship transfer and so on.



QDX SUBMERSIBLE PUMP

Installation And Use

This submersible pumps, made from heavy gauge cast iron offering exceptional sturdiness, abrasion resistance and durability, are suitable for pumping clear or slightly dirty water.
They distinguish themselves for their sturdiness and reliability under automatic operating conditions in fixed installations. As portable electric drainage and irrigation devices, QDX series submersible pumps with lower water input are widely suitable for water cluster boxes, farmland, industrial and mining enterprises, construction sites, ship and family, and characterized by less volume, light weight and convenient operation etc. If the pump with a float switch, it is possible to achieve the automatic control. Single phase capacitor running asynchronous or 3ph asynchronous motor is equipped in this pump and installed with a built- in thermal protector, and can be automatically cut- off in the case of overheat or over current, thus assuring safe and reliable running under worse circumstances.

Flow rate up to **2167 L/min (130m³/h)**

Head up to **63.5 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 40 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Aluminum and cast iron
Impeller: Aluminum or POM
Motor Shaft: stainless steel
Mechanical Seal: Ceramic - graphite, ceramic - ceramic
Electric Motor: QDX single-phase 230V-50Hz with thermal overload protector built into the copper winding; QX three-phase 380/400V-50Hz
Insulation: Class B
Protection: IP X8

QX10-34-2.2/QX12.5-50-4/QX12.5-60-5.5

IRRIGATION INDUSTRY MUNICIPAL

Model		Power		Max head	Max.flow	Size	N/W		Q (m³/h)	0	1	2	3	4	5	6	7	8
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Single-phase	Three-phase	Q (L/min)	0	17	33	50	67	83	100	117	133
QDX1.5-8-0.18	/	0.18	0.23	9.5	4.5	1"	4.3	/	H(m)	9.5	9	7.5	5	3	0			
QDX1.5-12-0.25	/	0.25	0.34	13.5	4.5	1"	4.8	/		13.5	13	11.5	9	5.5	0			
QDX1.5-17-0.37	/	0.37	0.5	18	7	1"	6.8	/		18	17.5	16	14	12	9	5	0	
QDX1.5-25-0.55	/	0.55	0.75	25	8	1"	9.5	/		25	24.5	23	21	18	14	12	11	0
QDX1.5-32-0.75	QX1.5-32-0.75	0.75	1	32	8	1"	11.3	10.8		32	32	30.5	28.5	26	24	20	16	0
QDX3-18-0.55	/	0.55	0.75	21	7	1.25"	9.5	/		21	20.5	19.5	18	16	13.5	10.5	0	
QDX3-24-0.75	QX3-24-0.75	0.75	1	26	10	1.25"	11.1	10.8		26	26	25	24	22.5	21	19.5	17	15

Model		Power		Max head	Max.flow	Size	N/W		Q (m³/h)	0	2	4	6	8	10	12	14	16	18
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Single-phase	Three-phase	Q (L/min)	0	33	67	100	133	167	200	233	267	300
QDX3-30-1.1	QX3-30-1.1	1.1	1.5	31	12	1"	14.1	13.6	H(m)	31	30	29	26	22	16	0			
QDX6-25-1.1	QX6-25-1.1	1.1	1.5	28	16	1.5"	14.2	13.7		28	27	26	23	20	15	8	5	0	
QDX8-18-0.75	QX8-18-0.75	0.75	1	20	19	1.5"	11.2	10.7		20	19	19	18	17	16	15	12	10	6
QDX10-12-0.55	/	0.55	0.75	16	16	1.5"	9.6	/		16	16	16	15	13	12	9	6	0	
QDX10-16-0.75	QX10-16-0.75	0.75	1	22	18	2"	11.3	10.8		22	22	21	20	20	18	15	12	7	0

Model		Power		Max head	Max.flow	Size	N/W		Q (m³/h)	0	5	10	15	20	25	30
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Single-phase	Three-phase	Q (L/min)	0	83	167	250	333	417	500
QDX14-16-1.1	QX14-16-1.1	1.1	1.5	18.5	27	2"	16.4	15.9	H(m)	18.5	18	17	16.5	12	7	0
QDX15-7-0.55	/	0.55	0.75	8	27	2"	9.9	/		8	7.5	7	7	6	4	0
QDX15-10-0.75	QX15-10-0.75	0.75	1	12	28	2.5"	11.7	11.2		12	11.8	11	10	7.7	5	0
QDX15-14-1.1	QX15-14-1.1	1.1	1.5	18.5	27	2.5"	16.4	15.9		18	17	16.5	15.5	11	8	0
QDX25-6-0.75	QX25-6-0.75	0.75	1	10	32	3"	12.1	11.6		10	9.7	9.4	9.3	8.8	6.3	3.7

SUBMERSIBLE PUMP

QDX SUBMERSIBLE PUMP

IRRIGATION INDUSTRY MUNICIPAL

Model		Power		Max head	Max.flow	Size	N/W		Q (m³/h)	0	10	20	30	40	50	60	70
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Single-phase	Three-phase	Q (L/min)	0	167	333	500	667	833	1000	1167
QDX40-6-1.1	QX40-6-1.1	1.1	1.5	10	52	3"	16.4	17.7	H(m)	10	9.3	8.9	7.8	6	4		
QDX40-9-1.5	QX40-9-1.5	1.5	2	12	64	3"	20.8	19.6		12	11.7	11.5	11	9.7	7	4	
QDX50-5-1.1	QX50-5-1.1	1.1	1.5	9	70	4"	18.2	20.3		9	8.4	8	7.9	7.5	6.4	5.7	3
QDX60-7-1.5	QX60-7-1.5	1.5	2	11	80	4"	20.1	22.9		11	10.8	10.2	10	9.5	9	7.3	5.8

Model		Power		Max head	Max.flow	Size	N/W		Q (m³/h)	0	20	40	60	80	100	120
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Single-phase	Three-phase	Q (L/min)	0	333	667	1000	1333	1667	2000
QDX80-6-1.8	QX80-6-1.8	1.8	2.4	13	105	6"	24.5	24	H(m)	13	11	10	8	6	2	
QDX100-6-2.2	QX100-6-2.2	2.2	3	11	130	8"	26.7	26.2		11	10	10	9	7	6	4

*: cast iron motor case
*: cast iron impeller

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	5	10	15	20	25	30
Three-phase	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	83.3	166.7	250	333.3	416.7	500
QX10-34-2.2	2.2	3	38.5	22	2"	32.9	H(m)	38.5	38	34	31	27	24	21
QX12-50-4	4	5	56.5	31	2"	43.6		56.5	55	52	48	43	40	37
QX12-60-5.5	5.5	7.5	63.5	30	2"	59.5		63.5	61.5	60.5	55	52	50	40

QDX-T SUBMERSIBLE PUMP

Installation And Use

This pump is designed to lift dirty water which is not chemically aggressive to the pump components. In all cases can suspended solids up to 30mm go through the channel. Recommended applications therefore include draining floods in confined areas such as basements and garages, and also pumping domestic waste and the disposal of waste water. Containing fibrous matter and is also widely used in many factories. These pumps are easy to install and dependable when used automatically in fixed installations. A purposely built pit with minimum dimensions 450*450*450mm is recommended for fixed installations, to provide total drainage and allow correct operation of the float switch. This system automatically starts the pump when the fluid reaches a preset level, and stops it once the fluid has been emptied. Installing a suitable non- return valve on the delivery pipe can prevent reverse flow when the pump stops.

Flow rate up to **833.3 L/min (50 m³/h)**

Head up to **32 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 40 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Cast iron
Impeller: Aluminum or PP0
Motor Bracket: iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

IRRIGATION INDUSTRY MUNICIPAL

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	10	20	30	40	50	60	70	80	90
QDX1.5-17-0.37T	0.37	0.5	18	6	25	11.5	H(m)	18	18	17	16	15	14	13	11.5	9	5
QDX1.5-25-0.55T	0.55	0.75	26	5.5	25	15		26	25	24.5	24.1	24	22	20	18	10	7
QDX3-18-0.55T	0.55	0.75	21	7	32	15		21	19.2	18.9	18.3	18.1	17.8	17.6	17	15.5	12

QDX-T SUBMERSIBLE PUMP

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	2	4	6	8	10	12	15	18	22
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	33.3	66.7	100	133.3	166.6	200	233.3	300	366.6
QDX10-12-0.55T	0.55	0.75	18	15	38	16	H(m)	18	17	16.2	15	13	12	9	5		
QDX15-7-0.55T	0.55	0.75	10	23	51	16.5		10	9.8	9.5	9.2	9	8.5	8	7.3	6	4.5
QDX1.5-32-0.75T	0.75	1	32	8	25	17		32	30.5	26	20	11					
QDX3-24-0.75T	0.75	1	26	9	32	17		26	25	22.5	19.5	15					

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	5	10	15	20	25	30	40	50
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	83.3	166.7	250	333.3	416.7	500	666.7	833.3
QDX8-18-0.75T	0.75	1	20	16	38	17	H(m)	20	18	13.3	9					
QDX10-16-0.75T	0.75	1	20	16	51	17		20	18	13.3	9					
QDX15-10-0.75T	0.75	1	12	24	64	18		12	11.8	11	10	7.7				
QDX30-6-0.75T	0.75	1	9.2	50	76	19		9.2	8.9	8.6	8.3	7.6	7	7.3	5.5	2

QDX-S SUBMERSIBLE PUMP

Installation And Use

This pump is with a stainless steel casing and closed type impeller, designed to lift clean water and lift dirty water which is not chemically aggressive to the pump components. And for handling household waste-water and liquid carrying suitable solid matters. Design with moderate solids passage provides efficient performance for versatile applications. Liquid paraffin is used for the lubricating oil, which widens the application of the pump to decorative waterfalls, fishponds, aquaculture, etc.

Flow rate up to **1336 L/min (80 m³/h)**

Head up to **36 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Stainless steel/ Cast iron
Impeller: Closed type impeller in Aluminium
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V- 50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

Model		Power		Max head	Max.flow	Size	Q (m³/h)	0	2	4	6	8	10
Single-phase	Three-phase	kW	HP	m	m³/h	mm	Q (L/min)	0	33.3	66.7	100	133.3	166.7
QDX3-12-0.25S2	/	0.25	0.33	14	6	25	H(m)	14	12.5	10.5	5		
QDX1.5-16-0.37S2	/	0.37	0.5	17	6	25		17	16.5	8.5	5		
QDX1.5-25-0.55S2	/	0.55	0.75	26	5.5	25		26	25	18.5	6		
QDX3-18-0.55S2	/	0.55	0.75	21	7	32		21	18.5	17	10		
QDX10-12-0.55S2	/	0.55	0.75	18	15	38		18	17	16.2	15	13	12
QDX1.5-32-0.75S2	QX1.5-32-0.75S2	0.75	1	33	8	25		33	32	26	18	11	
QDX2-28-0.75S2	QX2-28-0.75S2	0.75	1	32	8	32		32	29.5	28	20	11	
QDX3-24-0.75S2	QX3-24-0.75S2	0.75	1	26	9	32		26	25	22.5	19.5	15	

QDX-S SUBMERSIBLE PUMP

Model		Power		Max head	Max.flow	Size	Q (m³/h)	0	5	10	15	20	30	50
Single-phase	Three-phase	kW	HP	m	m³/h	mm	Q (L/min)	0	83.3	166.7	250	333.3	500	833.3
QDX8-18-0.75S2	QX8-18-0.75S2	0.75	1	20.5	18	38	H(m)	20.5	20	18	14.7			
QDX10-16-0.75S2	QX10-16-0.75S2	0.75	1	20.5	18	51		20.5	20	18	14.7			
QDX15-10-0.75S2	QX15-10-0.75S2	0.75	1	12.5	25	64		12.5	12.5	11.8	11	7.7		
QDX3-30-1.1S2	QX30-6-0.75S2	0.75	1	9.2	50	76		9.2	8.9	8.6	8.3	7.6	7.3	2

Model		Power		Max head	Max.flow	Size	Q (m³/h)	0	4	8	12	14	20	24	26
Single-phase	Three-phase	kW	HP	m	m³/h	mm	Q (L/min)	0	66.7	133.3	200	233.3	333.3	400	433.3
QDX3-30-1.1S2	QX3-30-1.1S2	1.1	1.5	31	12	25	H(m)	31	29	22	6				
QDX6-24-1.1S2	QX6-24-1.1S2	1.1	1.5	28	14	38		28	26	20	8	5			
QDX14-16-1.1S2	QX14-16-1.1S2	1.1	1.5	18.5	29.5	51		18.5	18	17	16	15.2	12	8.5	6
QDX15-15-1.1S2	QX15-15-1.1S2	1.1	1.5	18.5	29.5	64/51		18.5	18	17	16	15.2	12	8.5	6

Model		Power		Max head	Max.flow	Size	Q (m³/h)	0	5	10	15	20	30	40	50
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	Q (L/min)	0	83.3	166.7	250	333.3	500	666.7	833.3
QDX40-6-1.1S2	QX40-6-1.1S2	1.1	1.5	10	50	76	H(m)	10	9.6	9.3	9.1	8.9	7.8	6	4
QDX6-32-1.5S2	QX6-32-1.5S2	1.5	2	36	10	38		36	32	30					
QDX15-18-1.5S2	QX15-18-1.5S2	1.5	2	21	31	64		21	19	18.5	18	13			
QDX25-12-1.5S2	QX25-12-1.5S2	1.5	2	18	37	64		18	16	16	16	13.2	8.5		

Model		Power		Max head	Max.flow	Size	Q (m³/h)	0	10	20	30	40	50	60	70
Single-phase	Three-phase	kW	HP	m	m³/h	mm	Q (L/min)	0	166.7	333.3	500	666.7	833.3	1000	1166.7
QDX40-9-1.5S2	QX40-9-1.5S2	1.5	2	10.5	54.5	76	H(m)	10.5	10	9.9	9.5	9	6		
QDX60-7-1.5S2	QX60-7-1.5S2	1.5	2	10	70	102		10	9	8.5	8	7	6.5	6	5
QDX40-12-2.2S2	QX40-12-2.2S2	2.2	3	14	60	76		14	13.5	13	12.5	12	11	6	
QDX60-9-2.2S2	QX60-9-2.2S2	2.2	3	12.5	80	102		12.5	12	11	9.6	9.3	9	8.5	7.5

GVS SUBMERSIBLE PUMP

Installation And Use

This pump is with closed type impeller, and completely made of stainless steel casing, designed to lift clean water and lift dirty water which is not chemically aggressive to the pump components. And for handling household waste-water and liquid carrying suitable solid matters. Design with moderate solids passage provides efficient performance for versatile applications. Liquid paraffin is used for the lubricating oil, which widens the application of the pump to decorative waterfalls, fishponds, aquaculture, etc.

Flow rate up to **300 L/min (18 m³/h)**

Head up to **74 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

2GVSm/3GVSm/4GVSm1800

4GVSm1800/5GVSm/6GVSm/7GVSm

Construction

Pump Body: Stainless steel
Impeller: Closed type impeller in Aluminium
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V- 50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

GVS SUBMERSIBLE PUMP

Model	Voltage	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	2	4	6	8	10	12
		kW	HP	m	m³/h	mm	kg	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200
2GVSm750	220V/50Hz	0.75	1	31	12	50mm	20		31	28.5	25.5	21	16	9.5	2
2GVSm1100	220V/50Hz	1.1	1.5	42	12	50mm	22		42	37.5	33	28.5	21.5	10	2.5
3GVSm1500	220V/50Hz	1.5	2	59	12	50mm	29.5	H(m)	59	51.5	45	35.5	24	11.5	3
4GVSm1800	220V/50Hz	1.8	2.4	65.5	12	50mm	31.5		65.5	57	50.5	40.5	25.5	12	3.5

Model	Voltage	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	2	3	4	6	7.2
		kW	HP	m	m³/h	mm	kg	Q (L/min)	0	33.3	50	67	100	120
4GVSm700	220V/50Hz	1	1	42	7	25mm	14.8		42	39	34	29	12	4
5GVSm900	220V/50Hz	1	1	53	7	25mm	15.5		53	49.5	45	39.5	20	8
6GVSm1100	220V/50Hz	1	2	65	7	25mm	16.6	H(m)	65	61	54.5	48	25	13
7GVSm1300	220V/50Hz	1	2	74	7	25mm	20.5		74	69	61	53	30	20

QDS SUBMERSIBLE PUMP

Installation And Use

This pump is with closed type impeller, and completely made of stainless steel casing, designed to lift clean water and lift dirty water which is not chemically aggressive to the pump components. And for handling household waste-water and liquid carrying suitable solid matters. Design with moderate solids passage provides efficient performance for versatile applications. Liquid paraffin is used for the lubricating oil, which widens the application of the pump to decorative waterfalls, fishponds, aquaculture, etc.

Flow rate up to 833.5 L/min (50 m³/h)

Head up to 38 m

Application Limits

5 m maximum immersion depth
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Stainless steel
Impeller: Closed type impeller in Aluminium
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V- 50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

QDS SUBMERSIBLE PUMP

Model		Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	4	8	12	16	24	32
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	16.7	33.3	66.7	133.3	200	266.7	400	533.3
QDS1.5-4.5-0.08	/	0.08	0.1	5.5	4	25	3.3		5.5	5	4	0.5	/	/	/	/	/
QDS3-5-0.12	QS3-5-0.12	0.12	0.17	6	6	25	5		6	5.8	5.3	4.5	/	/	/	/	/
QDS1.5-7-0.12	QS1.5-7-0.12	0.12	0.17	8	6	25	5		8	7.8	6.8	5	/	/	/	/	/
QDS3-8-0.18	QS3-8-0.18	0.18	0.24	10	6	25	6.25		10	9.5	9	7	/	/	/	/	/
QDS5-7-0.25	QS5-7-0.25	0.25	0.33	9	10	40	7.3		9	/	9.2	7.5	5.8	/	/	/	/
QDS5-10-0.37	QS5-10-0.37	0.37	0.49	12	8	40	8.2		12	/	11.5	10.5	8	/	/	/	/
QDS3-25-0.55	QS3-25-0.55	0.55	0.75	27	11	50	12.9		27	/	25.5	24	20	5	/	/	/
QDS6-14-0.55	QS6-14-0.55	0.55	0.75	18	13	50	11.8		18	/	17	15.5	12	3.5	/	/	/
QDS3-30-0.75	QS10-10-0.75	0.75	1	33	12	50	14		33	/	31	29	24	10	/	/	/
QDS10-10-0.75	QS25-6-0.75	0.75	1	14	14	50	12.4	H(m)	14	/	13.5	13	11	9	2	/	/
QDS25-6-0.75	QS15-14-1.1	0.75	1	10	33	65	12.8		10	/	/	9.8	9.5	9.15	8.8	7.5	2
QDS15-14-1.1	QS25-9-1.1	1.1	1.5	17	20	50	13.9		17	/	/	16.5	15.5	15	14	9.5	/
QDS25-9-1.1	QS40-6-1.1	1.1	1.5	12	40	65	13.9		12	/	/	12	11.5	11.25	11	9	6
QDS40-6-1.1	QS3-30-0.75	1.1	1.5	10	50	65	13.9		10	/	/	10	10	9.9	9.8	9	8
QDS3-35-1.1	QS3-35-1.1	1.1	1.5	38	12	50	12.9		42	/	36	35	28	9	/	/	/
QDS6-24-1.1	QS6-24-1.1	1.1	1.5	28	20	50	15.5		28	/	27	26	22	6	/	/	/
QDS8-20-1.1	QS8-20-1.1	1.1	1.5	25	20	50	15.5		25	/	24	23	20	17	12	/	/
QDS6-30-1.5	QS6-30-1.5	1.5	2	33	16	50	16.5		33	/	32	31	28	24	12	/	/
QDS10-20-1.5	QS10-20-1.5	1.5	2	25	25	50	16.5		25	/	/	23	21	19	17	7.5	/
/	QS10-32-2.2	2.2	3	38	30	50	26.5		40	/	/	36	33	30	27	17	4
/	QS15-34-3	3	4	38	33	50	28		40	/	/	39	37	35	33	27	14

QD SUBMERSIBLE PUMP

Installation And Use

This submersible pumps, made from heavy gauge cast iron offering exceptional sturdiness, abrasion resistance and durability, are suitable for draining clear or slightly dirty water.
They distinguish themselves for their sturdiness and reliability under automatic operating conditions in fixed installations. As portable electric drainage and irrigation devices, QD series submersible pumps with lower water input are widely suitable for water cluster boxes, farmland, industrial and mining enterprises, construction sites, ship and family, and characterized by less volume, light weight and convenient operation etc. If the pump with a float switch, it is possible to achieve the automatic control. Single phase capacitor running asynchronous or 3ph asynchronous motor is equipped in this pump and installed with a built-in thermal protector, and can be automatically cut-off in the case of overheat or over current, thus assuring safe and reliable running under worse circumstances.

Flow rate up to **450 L/min (27 m³/h)**

Head up to **122 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 40 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Stainless steel
Impeller: PP0
Motor Shaft: 45# steel
Mechanical Seal: Ceramic - graphite, ceramic - ceramic
Electric Motor: Single-phase 230V-50Hz or Three-phase 380V-50Hz with thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

Model		Power		Max head	Max.flow	Size	Lift range	Q (m³/h)	0	2	4	6	8	10	12	14	16	18	20
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	m	Q (L/min)	0	33	67	100	133	167	200	233	267	300	333
QD3-30/2-0.75	Q3-30/2-0.75	0.75	1	33	7.5	1"	18-33		33	32	26	12							
QD3-45/3-1.1	Q3-45/3-1.1	1.1	1.5	48	7.5	1"	28-48		48	46	40	18							
QD6-32/3-1.1	Q6-32/3-1.1	1.1	1.5	34	14	1½"	20-34		34	33	33	32	28	22	14				
QD3-55/4-1.5	Q3-55/4-1.5	1.5	2	58	7.5	1"	38-58		58	56	50	31							
QD6-43/4-1.5	Q6-43/4-1.5	1.5	2	45	14	1½"	25-45		45	44	44	43	36	28					
QD10-30/3-1.5	Q10-30/3-1.5	1.5	2	36	20	2"	20-36		36	35	35	33	31	30	27	23	18	13	
QD15-20/2-1.5	Q15-20/2-1.5	1.5	2	29	27	2½"	10-29		29	28	27	27	26	25	23	21	17	13	
QD3-82/5-1.8	Q3-82/5-1.8	1.8	2.5	88	7.5	1"	50-88		88	83	65	32							
QD12-34/3-1.8	Q12-34/3-1.8	1.8	2.5	40	22	2"	10-40		40	40	38	37	36	35	34	31	29	26	15
QD3-96/6-2.2	Q3-96/6-2.2	2.2	3	102	7.5	1"	55-102		102	97	82	36							
QD10-40/3-2.2	Q10-40/3-2.2	2.2	3	44	25	2"	25-44		44	44	43	43	41	40	36	30	24	17	
/	Q3-112/7-3	3	4	122	9	1"	60-122		122	114	89	43							

H(m)

QD-S SUBMERSIBLE PUMP

Installation And Use

The barrel, guide shell and screen of this submersible electric pump are made of stainless steel, which is beautiful in appearance, rust and wear resistant and durable. QD-S series is a portable drainage and irrigation multi-stage pump, one machine is multi-purpose, widely used, durable and reliable, suitable for clean water and micro sewage suitable environment, such as farmland irrigation, industrial and mining enterprise drainage water, construction site drainage water, ships, household water, etc. Small size, light weight and easy to operate. The pump can be equipped with a float switch to achieve automatic control. The hydraulic parts are made of high-strength engineering plastic to enhance the impeller's over-sanding ability and avoid impeller jamming. The motor parts, with built-in thermal protector, can protect itself when overheating or over-current, ensuring safe and reliable operation under harsh environment.

Flow rate up to **465 L/min (28 m³/h)**

Head up to **102 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 40 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Stainless steel
Impeller: PP0
Motor Shaft: 45# steel
Mechanical Seal: Ceramic - graphite, ceramic - ceramic
Electric Motor: Single-phase 230V-50Hz or Three-phase 380V-50Hz with thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

QD-S SUBMERSIBLE PUMP

Model		Power		Max head	Max.flow	Size	Lift range	Q (m³/h)	0	2	4	6	8	10	12	14	16	18	20
Single-phase	Three-phase	kW	HP	m	m³/h	Inch	m	Q (L/min)	0	33	67	100	133	167	200	233	267	300	333
QD3-30/2-0.75S	Q3-30/2-0.75S	0.75	1	33	7.5	1"	18 - 33		33	32	26	12							
QD6-22/2-0.75S	Q6-22/2-0.75S	0.75	1	24	14	1½"	10 - 24		24	24	23	22	19	15	10				
QD3-45/3-1.1S	Q3-45/3-1.1S	1.1	1.5	48	7.5	1"	28 - 48		48	46	40	18							
QD6-32/3-1.1S	Q6-32/3-1.1S	1.1	1.5	34	14	1½"	20 - 34		34	33	33	32	28	22	14				
QD3-55/4-1.5S	Q3-55/4-1.5S	1.5	2	58	7.5	1"	38 - 58		58	56	50	31							
QD6-43/4-1.5S	Q6-43/4-1.5S	1.5	2	45	14	1½"	20 - 45		45	44	43	43	37	30	18				
QD10-30/3-1.5S	Q10-30/3-1.5S	1.5	2	36	20	2"	20 - 36		36	35	35	33	31	30	27	23	18	13	
QD15-20/2-1.5S	Q15-20/2-1.5S	1.5	2	29	27	2½"	10 - 29		29	28	27	27	26	25	23	21	17	13	
QD3-82/5-1.8S	Q3-82/5-1.8S	1.8	2.5	88	7.5	1"	50 - 88		88	83	65	32							
QD12-34/3-1.8S	Q12-34/3-1.8S	1.8	2.5	40	22	2"	10 - 40		40	40	38	37	36	35	34	31	29	26	15
QD3-96/6-2.2S	Q3-96/6-2.2S	2.2	3	102	7.5	1"	55 - 102		102	97	82	36							
QD10-40/3-2.2S	Q10-40/3-2.2S	2.2	3	44	25	2"	25 - 44		44	44	43	43	41	40	36	30	24	17	
QD15-30/3-2.2S	Q15-30/3-2.2S	2.2	3	40	27	2½"	18 - 40		40	39	38	37	36	35	33	31	25	20	
QD20-20/3-2.2S	Q20-20/3-2.2S	2.2	3	40	28	3"	15 - 40		40	38	37	35	35	33	31	28	23	21	20
QD10-50/4-3S	Q10-50/4-3S	3	4	55	23	2"	30 - 55		55	55	54	51	50	50	42	38	34	28	21
QD15-40/4-3S	Q15-40/4-3S	3	4	55	23	2½"	26 - 55		55	55	50	48	45	43	40	36	31	26	20
QD20-30/4-3S	Q20-30/4-3S	3	4	60	23	3"	26 - 55		60	58	54	52	48	46	44	40	34	32	30

H(m)

QY SUBMERSIBLE PUMP

Installation And Use

QY series pump meets the requirements for use in a slightly corrosive environment. The motor is equipped with oil-filled structure to facilitate cooling and lubrication of the motor and the seal. The pump outlet adopts a flange structure, which is very convenient for installation and maintenance. It can also be equipped with a water outlet, which can be used directly with the hose, which is beautiful in appearance, light and durable. It is suitable for various waterscape projects, chemical enterprises, and special environments of mines, etc. It can be used to transport slightly corrosive liquids. The pump is integrated with electricity, compact structure, no pollution, corrosion resistance, wear resistance, strength resistance, no drinking water, simple application, double-end sealing.

Flow rate up to **13333 L/min (800 m³/h)**

Head up to **378 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Stainless steel/ Cast iron
Impeller: Centrifugal/ mixed-flow/ axial flow type
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Three-phase 380V-50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class F
Protection: IP 68

QY SUBMERSIBLE PUMP

*: L1 means with explosion-proof base.

Model	Voltage	Power		Rated head	Rated flow	Size	Q (m³/h)	0	5	10	15	20	25	30	35	40
		kW	HP	m	m³/h	Inch	Q (L/min)	0	83	167	250	333	417	500	583	667
QY10-51/3-3L1	380V/50Hz	3	4	51	10	2"		57	54	50	42	30	14			
QY10-60/2-4L1	380V/50Hz	4	5.5	60	10	2"		60	56	51	34					
QY10-83/3-5.5L1	380V/50Hz	5.5	7.5	83	10	2"		76	76	73	66	55	40			
QY10-110/4-7.5L1	380V/50Hz	7.5	10	110	10	2"		100	98	95	86	68				
QY10-165/6-11L1	380V/50Hz	11	15	165	10	2"		175	173	160	150	125	75	15		
QY10-255/10-18.5L1	380V/50Hz	18.5	25	255	10	2"	H(m)	292	288	260	250	208	125	25		
QY10-280/10-22L1	380V/50Hz	22	30	280	10	2"		259	258	251	223	183	143	89	5	
QY15-26-2.2L1	380V/50Hz	2.2	3	26	15	2"		29	28	27	25	23	21	18	14	
QY15-36-3L1	380V/50Hz	3	4	36	15	2"		39	38	37	35	31	25	18	4	
QY15-48/2-4L1	380V/50Hz	4	5.5	48	15	2.5"		54	54	52	50	47	42	35	28	15
QY15-68/4-5.5L1	380V/50Hz	5.5	7.5	68	15	2.5"		76	76	73	66	55	40			
QY15-95/4-7.5L1	380V/50Hz	7.5	10	95	10	2"		106	103	97	92	88	75	58	35	10
QY15-142/6-11L1	380V/50Hz	11	15	142	10	2"		155	152	150	143	130	110	75	55	15
QY18-84/4-7.5L1	380V/50Hz	7.5	10	84	18	2.5"		100	98	95	86	75	65	50	25	
QY18-126/6-11L1	380V/50Hz	11	15	126	18	2.5"		140	138	132	126	115	95	60	10	
QY18-195/10-18.5L1	380V/50Hz	18.5	25	195	18	2.5"		233	230	220	210	190	158	100	17	
QY18-220/10-22L1	380V/50Hz	22	30	220	18	2.5"		280	276	264	252	228	185	120	20	

Model	Voltage	Power		Rated head	Rated flow	Size	Q (m³/h)	0	10	20	30	40	50	60	70	80
		kW	HP	m	m³/h	Inch	Q (L/min)	0	167	333	500	667	834	1000	1167	1334
QY20-40/2-4L1	380V/50Hz	4	5.5	40	25	2.5"		49	47	43	33	12	2			
QY25-17-2.2L1	380V/50Hz	2.2	3	17	25	2.5"		22	20	18	15	10	3			
QY25-26-3L1	380V/50Hz	3	4	26	25	2.5"		28	27	26	25	21	6			
QY25-40-5.5L1	380V/50Hz	5.5	7.5	40	25	2.5"		46	45	44	40	34	8			
QY25-60/2-7.5L1	380V/50Hz	7.5	10	60	25	2.5"		67	65	61	50	38	7			
QY25-90/3-11L1	380V/50Hz	11	15	90	25	2.5"		95	93	92	82	70	8			
QY25-120/4-15L1	380V/50Hz	15	20	120	25	2.5"		130	126	121	101	73	10			
QY25-200/4-30L1	380V/50Hz	30	40	200	25	2.5"	H(m)	217	210	202	168	122	17			
QY25-250/5-37L1	380V/50Hz	37	50	250	25	2.5"		271	263	252	210	152	21			
QY25-300/6-45L1	380V/50Hz	45	60	300	25	2.5"		325	315	303	253	183	25			
QY30-30-3.7L1	380V/50Hz	4	5.5	30	30	2.5"		378	35	35	32	28	20			
QY40-16-3L1	380V/50Hz	3	4	16	40	3"		23	23	22	20	17	14	10		
QY40-21-4L1	380V/50Hz	4	5.5	21	40	3"		28	27	26	26	24	21	10		
QY40-28-5.5L1	380V/50Hz	5.5	7.5	28	40	3"		34	34	33	32	31	28	25	21	16
QY40-38-7.5L1	380V/50Hz	7.5	10	38	40	3"		45	45	45	42	40	35	30	20	10
QY40-56/2-11L1	380V/50Hz	11	15	56	40	3"		62	61	59	57	56	48	40	32	19
QY40-84/3-15L1	380V/50Hz	15	20	84	40	3"		93	92	90	86	79	65	49	30	14
QY40-100/4-18.5L1	380V/50Hz	18.5	25	100	40	3"		124	122	120	114	100	87	65	40	20
QY40-120/4-22L1	380V/50Hz	22	30	120	40	3"		129	128	124	118	105	87	65	40	15
QY40-152/4-30L1	380V/50Hz	30	40	152	40	3"		168	166	160	153	145	113	85	52	20
QY40-190/5-37L1	380V/50Hz	37	50	190	40	3"		210	208	200	192	185	141	107	65	25
QY40-228/6-45L1	380V/50Hz	45	60	228	40	3"		252	248	240	230	225	172	128	78	30
QY50-30-7.5L1	380V/50Hz	7.5	10	30	50	3"		32	31	31	31	30	29	26	22	14

QY SUBMERSIBLE PUMP

*: L1 means with explosion-proof base.

Model	Voltage	Power		Rated head	Rated flow	Size	Q (m³/h)	0	20	40	60	80	100	120	140	160	180	200
		kW	HP	m	m³/h	Inch	Q (L/min)	0	333	666	1000	1334	1667	2000	2333	2667	3000	3334
QY65-7-2.2L1	380V/50Hz	2.2	3	7	65	4"		14	12	10	8	7						
QY65-10-3L1	380V/50Hz	3	4	10	65	4"		18	14	12	10	8	3					
QY65-14-4L1	380V/50Hz	4	5.5	14	65	4"		18	17	16	14	12	8					
QY65-18-5.5L1	380V/50Hz	5.5	7.5	18	65	4"		26	25	25	21	16	4					
QY65-25-7.5L1	380V/50Hz	7.5	10	25	65	4"		31	29	28	25	18	5					
QY65-42/2-11L1	380V/50Hz	11	15	42	65	4"		58	56	52	42	28						
QY65-60/3-15L1	380V/50Hz	15	20	60	65	4"		79	75	66	44	24	4					
QY65-69/3-18.5L1	380V/50Hz	18.5	25	69	60	4"		87	85	80	70	55	30					
QY65-84/4-22L1	380V/50Hz	22	30	84	65	4"		116	109	99	71	27	5					
QY65-100/4-30L1	380V/50Hz	30	40	100	65	4"	H(m)	151	142	128	92	35	6.5					
QY65-125/5-37L1	380V/50Hz	37	50	125	65	4"		145	136	124	89	34	6					
QY65-150/6-45L1	380V/50Hz	45	60	150	65	4"		174	163	149	107	41	7					
QY80-20-7.5L1	380V/50Hz	7.5	10	20	80	4"		24	24	24	23	22	17					
QY80-50-18.5L1	380V/50Hz	18.5	25	50	80	4"		113	107	95	67	48	12	11				
QY100-4.5-2.2L1	380V/50Hz	2.2	3	4.5	100	6"		8	8	7	6	6	5					
QY100-6-3L1	380V/50Hz	3	4	6	100	6"		10	8	7	7	6	6	4	2	5	3	
QY100-9-4L1	380V/50Hz	4	5.5	9	100	6"		21	18	16	14	12	10	6	5			
QY100-13-5.5L1	380V/50Hz	5.5	7.5	13	100	6"		19	18	17	17	16	11	8	3			
QY100-17-7.5L1	380V/50Hz	7.5	10	17	100	6"		25	24	23	22	20	17	9	3			
QY100-25-11L1	380V/50Hz	11	15	25	100	4"		38	37	36	34	31	27	14	10			
QY100-36-15L1	380V/50Hz	15	20	36	100	4"		40	38	37	36	33	30	21	5			
QY100-72/2-30L1	380V/50Hz	30	40	72	100	4"		80	76	74	72	68	66	23	6			
QY100-90/3-37L1	380V/50Hz	37	50	90	100	4"		120	114	111	108	99	81	46	12			
QY100-108/3-45L1	380V/50Hz	45	60	108	100	4"		144	137	133	130	110	96	63	15			
QY160-4-3L1	380V/50Hz	3	4	4	160	6"		10	8	7	6	6	6	72	18	3		
QY160-15-11L1	380V/50Hz	11	15	15	160	6"		22	22	21	21	20	20	5	4	16	15	15
QY160-23-15L1	380V/50Hz	15	20	23	160	6"		39	38	37	35	34	31	19	18	23	19	16
QY160-28-18.5L1	380V/50Hz	18.5	25	28	160	6"		50	44	35	33	32	31	29	27	25	17	4
QY160-46/2-30L1	380V/50Hz	30	40	46	160	6"		100	88	70	66	64	62	29	26	50	34	8
QY160-58/3-37L1	380V/50Hz	37	50	55	160	6"		128	113	90	85	82	79	58	52	59	49	43
QY160-69/3-45L1	380V/50Hz	45	60	69	160	6"		150	132	105	99	96	93	74	69	69	57	50

Model	Voltage	Power		Rated head	Rated flow	Size	Q (m³/h)	0	40	80	120	160	200	240	280	320	360	400
		kW	HP	m	m³/h	Inch	Q (L/min)	0	667	1334	2000	2667	3334	4001	4668	5334	6001	6668
QY160-6-4L1	380V/50Hz	4	5.5	6	160	6"		13	13	11	9	7	4					
QY160-8-5.5L1	380V/50Hz	5.5	7.5	8	160	6"		11	10	9	8	7	6	4				
QY160-11-7.5L1	380V/50Hz	7.5	10	11	160	6"		17	15	13	12	10	7	5				
QY200-4-4L1	380V/50Hz	4	5.5	4	200	8"		13	13	11	9	7	4					
QY200-6-5.5L1	380V/50Hz	5.5	7.5	6	200	8"		11	10	8	7	6	5	3				
QY200-9-7.5L1	380V/50Hz	7.5	10	9	200	6"		17	16	14	13	11	10	5				
QY200-26-22L1	380V/50Hz	22	30	26	200	6"		40	40	38	34	24	12	0				
QY250-5-5.5L1	380V/50Hz	5.5	7.5	5	250	8"	H(m)	10	9.5	9	8.2	7.4	6.4	6	5	4		
QY250-7-7.5L1	380V/50Hz	7.5	10	7	250	8"		19	17	14	12	10	8	7	5			
QY250-18-18.5L1	380V/50Hz	18.5	25	18	250	6"		28	26	24	22	20	18	16	14	13	10	6
QY250-28-30L1	380V/50Hz	30	40	28	250	6"		45	40	38	35	32	30	27	22	20	16	9
QY250-32-37L1	380V/50Hz	37	50	32	250	6"		56	52	48	22	40	36	32	28	24	20	12
QY250-40-45L1	380V/50Hz	45	60	40	250	8"		68	63	57	53	48	43	38	34	31	24	15
QY300-25-30L1	380V/50Hz	30	40	25	300	8"		48	43	41	37	34	32	29	26	21	17	10
QY300-30-37L1	380V/50Hz	37	50	30	300	8"		55	49	47	43	39	37	33	30	25	20	11
QY300-38-45L1	380V/50Hz	45	60	38	300	8"		71	63	60	55	50	47	42	38	31	25	14

QY SUBMERSIBLE PUMP

Model	Voltage	Power		Rated head	Rated flow	Size	Q (m³/h)	0	80	160	240	320	400	480	560	640	720	800
		kW	HP	m	m³/h	Inch	Q (L/min)	0	1334	2667	4001	5334	6668	8002	9335	10669	12002	13336
QY250-14-15L1	380V/50Hz	15	20	14	250	8"		26	23	19	15	5						
QY250-22-22L1	380V/50Hz	22	30	22	250	8"		31	26	23	20	17	12					
QY350-3.5-5.5L1	380V/50Hz	5.5	7.5	3.5	350	8"		7.5	7	7	5	4	2					
QY350-7-11L1	380V/50Hz	11	15	7	350	10"		19	13	10	9	8	7	3				
QY400-18-30L1	380V/50Hz	30	40	18	400	8"		36	35	33	28	22	18	15				
QY400-22-37L1	380V/50Hz	37	50	22	400	8"		44	42	39	34	26	23	18				
QY400-28-45L1	380V/50Hz	45	60	28	400	10"	H(m)	60	58	46	38	35	27	23				
QY450-6-11L1	380V/50Hz	11	15	6	450	10"		24	19	15	9	2						
QY600-4-11/4L1	380V/50Hz	11	15	4	600	14"		13	10	9	8	7	6	6	6	5	4	2
QY600-6-15/4L1	380V/50Hz	15	20	6	600	14"		9.8	9.4	9.2	8.5	8	7.2	7	6.8	6.4	5	3.6
QY600-15-30L1	380V/50Hz	30	40	15	600	12"		35	27	24	21	18	16	15	14	13	11	5
QY600-18-37L1	380V/50Hz	37	50	18	600	12"		43	38	30	26	23	21	20	18	16	13	6
QY600-22-45L1	380V/50Hz	45	60	22	600	12"		52	40	36	32	28	26	25	24	20	16	8
QY800-5.5-18.5/4L1	380V/50Hz	18.5	25	5.5	800	14"		11	10.8	10.6	10.4	10.2	9	8.7	8.2	8	7.2	6.4
QY800-6.5-22/4L1	380V/50Hz	22	30	6.5	800	14"		15	15	14	12	10	10	10	9	9	8	7

GP 2/3 SUBMERSIBLE PUMP

Installation And Use

The GPxx2F/GPSxx6F series is suitable for dirty water and liquids that does not contain abrasive particles, and GPxx3F/GPSxx5F is for clean water and liquids that does not contain abrasive particles.
The whole is made of engineered PP plastic material,which is non-toxic and pollution-free, ensuring that the electric pump has stronger corrosion resistance, lighter weight, smaller shape and compact structure. It is equipped with a float switch or an electronic liquid level switch, which greatly improves the operation efficiency and makes the later maintenance more convenient.
The water pump adopts a double-sealed structure, a well-designed cooling method, and has a higher reliability. Suitable for emptying puddles and pools, for gardening, water curtain wall circulation, water supply and discharge; fish tank water change, fountain circulation, pond pumping, etc.

Flow rate up to **283 L/min (17 m³/h)**

Head up to **12 m**

Application Limits

Maximum operating depth 5m below water level.
Liquid temperature + 40 °C
The PH value of the medium is between 6.5-8.5

Construction

Motor: Copper wire motor with built-in thermal protector device
Barrel: Engineering plastic PP
Pump shaft: SS420 stainless steel shaft
Bearings: Deep groove ball bearings
Impeller: PA+20GF
Mechanical Seal: 301-12 Ceramic to Graphite

Dirty water / Clean water / Dirty water / Clean water

GPXX2F GPXX3F GPEXX2F GPEXX3F

*: Model number with E means with electronic switch, Model number without E means with float switch.

Model	Power		Max head	Max.flow	Size	GP N.W	GPE N.W	Q (m³/h)	0	2	4	6	8	10	12	14
	kW	HP	m	m³/h	Inch	kg	kg	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200	233.3
GP(E)402F	0.4	0.55	5	8	1"/1 ¼"/1 ½"	16	16		5	4.2	3.8	2				
GP(E)552F	0.55	0.75	6.5	11	1"/1 ¼"/1 ½"	18.4	19.2		6.5	5.8	4.5	4.5	2			
GP(E)752F	0.75	1	7.5	13	1"/1 ¼"/1 ½"	19.6	20	H(m)	7.5	7	6.6	5.7	5	3.4	1.5	
GP1002F	0.9	1.2	10	15	1"/1 ¼"/1 ½"	22.4			10	8.7	8	7.2	6.5	5.8	5	2.6
GP1102F	1.1	1.5	12	16	1"/1 ¼"/1 ½"	24			11	10.5	9.5	8.5	7.2	6	4	1.5

Model	Power		Max head	Max.flow	Size	GP N.W	GPE N.W	Q (m³/h)	0	2	4	6	8	10	12	14
	kW	HP	m	m³/h	Inch	kg	kg	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200	233.3
GP(E)203F	0.2	0.26	5	4	1"/1 ¼"/1 ½"	16	17.2		5	4	2					
GP(E)253F	0.25	0.34	5.5	6	1"/1 ¼"/1 ½"	14.9	17.2		5.5	5	4	2				
GP(E)353F	0.35	0.47	6.5	9	1"/1 ¼"/1 ½"	16	15.6		6.5	5.7	4.7	2.5	2			
GP(E)403F	0.4	0.55	7.5	9	1"/1 ¼"/1 ½"	15.6	17.2	H(m)	7.5	6.5	5.4	4	2.5			
GP(E)503F	0.5	0.7	8	11	1"/1 ¼"/1 ½"	18.4	19.2		8	7.3	6.6	5.8	4.5	2		
GP(E)553F	0.55	0.75	8	13	1"/1 ¼"/1 ½"	19	19.2		8	7.3	6.8	6.1	4.8	3	2	
GP(E)753F	0.75	1	9	14	1"/1 ¼"/1 ½"	20	20		8.5	8.1	7.7	6.8	5.8	4.8	3	1.5
GP903F	0.9	1.2	9.5	15	1"/1 ¼"/1 ½"	22.5			9.5	9.2	8.7	8	7.2	6	4.8	2

GP 5/6 SUBMERSIBLE PUMP

Dirty water / Clean water / Dirty water / Clean water

GPSXX6F GPSXX5F GPSEXX6F GPSEXX5F

*: Model number with E means with electronic switch, Model number without E means with float switch.

Model	Power		Max head	Max.flow	Size	GPS N.W	GPSE N.W	Q (m³/h)	0	2	4	6	8	10	12	14
	kW	HP	m	m³/h	Inch	kg	kg	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200	233.3
GPS(E)406F	0.4	0.55	5	8	1"/1 ¼"/1 ½"	16	16		5	4.2	3.8	2				
GPS(E)556F	0.55	0.75	6.5	10	1"/1 ¼"/1 ½"	18.4	18.5		6.5	5.8	4.5	4.5	2			
GPS(E)756F	0.75	1	7.5	13	1"/1 ¼"/1 ½"	19.6	20	H(m)	7.5	7	6.6	5.7	5	3.4	1.5	
GPS1006F	1	1.2	8.5	15	1"/1 ¼"/1 ½"	23.2			8.5	8	7.2	6.8	5.7	4.2	3.6	2
GPS1106F	1.1	1.5	12	17	1"/1 ¼"/1 ½"	24.6			11	10.5	9.5	8.5	7.2	6	4	3

Model	Power		Max head	Max.flow	Size	GPS N.W	GPSE N.W	Q (m³/h)	0	2	4	6	8	10	12	14
	kW	HP	m	m³/h	Inch	kg	kg	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200	233.3
GPS(E)205F	0.2	0.26	5	5	1"/1 ¼"/1 ½"	16	17.2		5	4	2.6					
GPS(E)255F	0.25	0.34	5.5	7	1"/1 ¼"/1 ½"	16	17.2		5.5	5	4	2.8				
GPS(E)355F	0.35	0.47	6.5	8.5	1"/1 ¼"/1 ½"	16	17.2		6.5	5.7	4.7	3	1.8			
GPS(E)405F	0.4	0.55	7.5	9	1"/1 ¼"/1 ½"	16.4	17.2	H(m)	7.5	6.5	5.4	4	2.7			
GPS(E)505F	0.5	0.7	8	10	1"/1 ¼"/1 ½"	18.4	19.2		8	7.3	6.6	5.8	4.5			
GPS(E)555F	0.55	0.75	8.5	13	1"/1 ¼"/1 ½"	19.6	19.2		8.5	7.3	6.8	6.1	4.8	4	2.6	
GPS(E)755F	0.75	1	9	14	1"/1 ¼"/1 ½"	20.4	20.4		9	8.1	7.7	6.8	5.8	4.8	3	
GPS905F	0.9	1.2	9.5	15	1"/1 ¼"/1 ½"	23			9.5	9.2	8.7	8	7.2	6	4.8	2

GPD SUBMERSIBLE PUMP

Installation And Use

The CPDxx0F series is suitable for dirty water and liquids that does not contain abrasive particles, and GPDxx1F is for clean water and liquids that does not contain abrasive particles.
The whole is made of engineered PP plastic material,which is non-toxic and pollution-free, ensuring that the electric pump has stronger corrosion resistance, lighter weight, smaller shape and compact structure. With a large filter base design, it can extract liquid with lower water level and better filter impurities.

Flow rate up to **133 L/min (8 m³/h)**

Head up to **7.5 m**

Application Limits

Maximum operating depth 5m below water level.
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Plastic
Impeller: Plastic
Motor Shaft: stainless steel 304
Mechanical Seal: Ceramic - graphite.
Electric Motor: Single-phase with condenser and thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8

GPDXX1

GPDXX0

GPD SUBMERSIBLE PUMP

Model	Power		Max head	Max.flow	Size	Q (m³/h)	0	1	2	3	4	5	6	7
	kW	HP	m	m³/h	Inch	Q (L/min)	0	16.7	33.3	50	66.7	83.3	100	116.7
GPD201	0.2	0.27	4.5	5.5	1"/1 ¼" /1 ½"	H(m)	4.5	4.3	4.1	4	3.5	3	0	
GPD301	0.3	0.4	6.5	6.5	1"/1 ¼" /1 ½"		6.5	6.4	6.2	6	5.8	5.5	4	
GPD401	0.4	0.53	7.5	7.5	1"/1 ¼" /1 ½"		7.5	7.4	7.3	7.2	7.1	7	5.8	3.8
GPD501	0.5	0.67	8.5	8.5	1"/1 ¼" /1 ½"		8.5	8.5	8.4	8.3	8.3	8.2	7.3	6
GPD200	0.2	0.27	4.5	5.5	1"/1 ¼" /1 ½"		4.5	4.3	4.1	4	3.5	3	0	
GPD300	0.3	0.4	6.5	6.5	1"/1 ¼" /1 ½"		6.5	6.4	6.2	6	5.8	5.5	4	
GPD400	0.4	0.53	7.5	7.5	1"/1 ¼" /1 ½"		7.5	7.4	7.3	7.2	7.1	7	5.8	3.8
GPD500	0.5	0.67	8.5	8.5	1"/1 ¼" /1 ½"		8.5	8.5	8.4	8.3	8.3	8.2	7.3	6

GP SUBMERSIBLE PUMP NEW

Installation And Use

GPE two-in-one series pumps the overall use of engineering PP plastic materials ensures that the electric pump has stronger corrosion resistance, lighter weight, smaller shape and compact structure, and the foot can be switched form(sewage mode and clean water mode), and is equipped with a float switch, greatly improve the efficiency of operation, and later maintenance is more convenient.

Flow rate up to **217 L/min (13 m³/h)**

Head up to **12 m**

Application Limits

Maximum operating depth 5m below water level.
Liquid temperature + 40 °C
The PH value of the medium is between 6.5-8.5

Construction

Motor: Single-phase copper wire motor with thermal protector
Barrel: Engineering plastic PP
Pump shaft: SS420 stainless steel shaft
Bearings: Deep groove ball bearings
Impeller: PA+20GF
Mechanical Seal: 301-12 Ceramic to Graphite

GP-F

GPE-F

*: Model number with E means with electronic switch,
Model number with F means with float switch.

Model	Power		Max head	Max.flow	Size	G/W	N/W	Q (m³/h)	0	2	4	6	8	10	12
	kW	HP	m	m³/h	Inch	kg	kg	Q (L/min)	0	33	67	100	133	167	200
GP407F	0.4	0.5	5	6.5	1"/1 ¼" /1 ½"	5.0/20	4.6	H(m)	5	4.3	3.3	2.4			
GP557F	0.55	0.7	7.5	10	1"/1 ¼" /1 ½"	5.2/21.3	4.8		7.5	6.7	6.1	5	4.2	3.2	
GP757F	0.75	1.0	7.5	12	1"/1 ¼" /1 ½"	5.4/21.5	5		12	7	6.3	5.7	5	4	2
GP907F	0.9	1.2	9	12	1"/1 ¼" /1 ½"	22.5	5.2		9	8.3	8	7	6.1	5	2.5
GP1107F	1.1	1.5	12	13	1"/1 ¼" /1 ½"	6.3/23.8	5.8		12	11.5	10.6	9.5	8.3	6.8	5.7

Model	Power		Max head	Max.flow	Size	G/W	N/W	Q (m³/h)	0	2	4	6	8	10	12
	kW	HP	m	m³/h	Inch	kg	kg	Q (L/min)	0	33	67	100	133	167	200
GPE407F	0.4	0.5	5	6.5	1"/1 ¼" /1 ½"	5.0/20	4.6	H(m)	5	4.3	3.3	2.4			
GPE557F	0.55	0.7	7.5	10	1"/1 ¼" /1 ½"	5.2/21.3	4.8		7.5	6.7	6.1	5	4.2	3.2	
GPE757F	0.75	1.0	12	12	1"/1 ¼" /1 ½"	5.4/21.5	5		12	7	6.3	5.7	5	4	2

GPOP SUBMERSIBLE PUMP

Installation And Use

GPOP series is suitable for clean water and liquids that does not contain abrasive particles, The whole is made of engineered PP plastic material, which ensures that the electric pump has stronger corrosion resistance, lighter weight, smaller shape and compact structure while being environmentally friendly and pollution-free.

Flow rate up to **133 L/min (8 m³/h)**

Head up to **7 m**

Application Limits

Maximum operating depth 5m below water level.
Liquid temperature + 40 °C.
The PH value of the medium is between 6.5-8.5.

Construction

Motor: copper wire motor with built-in thermal protector
Barrel: engineering plastic
Pump shaft: 304 stainless steel shaft
Bearing: Deep groove ball bearing 6201RS
Mechanical seal: 108 series graphite to ceramic
Impeller: Engineering plastic


GPOPxx0F


GPOPxx1F


GSP100

Model	Power		Max head	Max.flow	Size	G/W	Q (m³/h)	0	1	2	3	4	5	6
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	17	33	60	76	85	100
GPOP150F	0.15	0.2	6.5	4	25	3.72	H(m)	6.5	5	4	2	0		
GPOP250F	0.25	0.33	7	6	25	4.4		7	6.3	5.7	5	3.6	3	1.8

Model	Power		Max head	Max.flow	Size	G/W	Q (m³/h)	0	1	2	3	4	5	6	7	8
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	17	33	60	76	85	100	117	133
GPOP251F	0.25	0.33	6	4	25	17.5	H(m)	6	6	5	3.7	3	0			
GPOP371F	0.37	0.5	6.6	8	25	5.8		6.6	6.2	5.8	5.5	5	4.6	4	3.4	2.8

Model	Power		Max head	Max.flow	Size	G/W	Q (m³/h)	0	1	2	3	4	5
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	17	33	60	76	85
GSP100F	0.1	0.13	6.4	5	25	4.3	H(m)	6.4	5	4	3	2	1

GPS SUBMERSIBLE PUMP

Installation And Use

The GPSxx0F series is suitable for dirty water and liquids that does not contain abrasive particles, and GPSxx1F is for clean water and liquids that does not contain abrasive particles.
As a result of the design solutions that have been adopted, such as the complete cooling of the motor and the shaft with double seal, these pumps are easy to use and reliable. Drainage pump for emptying pits and cisterns, for gardening; completely constructed in anti-corrosive material.

Flow rate up to **250 L/min (15 m³/h)**

Head up to **35 m**

Application Limits

Maximum operating depth 5m below water level.
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Stainless steel
Impeller: Plastic
Motor Shaft: 45# steel or stainless steel
Mechanical Seal: Ceramic - graphite
Electric Motor: Single-phase with condenser and thermal overload protector built into the copper winding
Insulation: Class B
Protection: IP X8


GPSXX0F


GPSXX1F

GPS SUBMERSIBLE PUMP

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	2	4	6	8	10	12	14
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200	233.3
GPS400F	0.4	0.55	6	7	1" / 1 ¼"	4.2		6	4.2	2.1	0.6				
GPS550F	0.55	0.75	7	8	1" / 1 ¼"	5.1		7	5.4	4	2.3	0.2			
GPS750F	0.75	1	8	11	1" / 1 ¼"	5.4		8	6.5	4.9	3.3	2.2	0.6		
GPS900F	0.9	1.2	9	13	1" / 1 ¼"	5.3		9	7.6	5.7	4.3	2.8	1.1	0.6	
GPS551F	0.55	0.75	6.5	10	1" / 1 ¼" / 1 ½"	5.1	H(m)	6.5	6	5.5	4.5	2.5	0		
GPS751F	0.75	1	7.5	13	1" / 1 ¼" / 1 ½"	5.5		7.5	7.1	6.5	5.8	4.5	3.5	1.5	
GPS901F	0.9	1.2	8.5	14	1" / 1 ¼" / 1 ½"	5.7		8.5	8	7.5	7	6	4	3	
GPS1101F	1.1	1.5	11	15	1" / 1 ¼" / 1 ½"	6.6		11	10	9	8.5	7	6	4.5	1.5

GPSXX2F

GPSXX3F

GPSXX4F

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	1	2	3	4	5
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	17	33	50	67	83
GPS904F	0.9	1.2	30	5	1" /1 1/4" 1 1/2"	6.5		30	28	26	25	15	
GPS1104F	1.1	1.5	35	5.5	1" /1 1/4" 1 1/2"	6.9	H(m)	35	34	32	30	23	10

Model	Power		Max head	Max.flow	Size	Q (m³/h)	0	2	4	6	8	10	12
	kW	HP	m	m³/h	Inch	Q (L/min)	0	33.3	66.7	100	133.3	166.7	200
GPS402F	0.4	0.55	6	7	1" / 1 ¼"		6	5	4	2			
GPS552F	0.55	0.75	7	8	1" / 1 ¼"		7	6	5.5	3			
GPS752F	0.75	1	8	11	1" / 1 ¼"		8	7	6.5	5.5	4	2	
GPS902F	0.9	1.2	9	13	1" / 1 ¼"		9	8	7.5	6	5	3	1.5
GPS403F	0.4	0.55	5	8	1" 1 1/4" 1 1/2"	H(m)	5	4	3.5	2.7			
GPS553F	0.55	0.75	6.5	10	1" 1 1/4" 1 1/2"		6.5	6	5	4	2.8		
GPS753F	0.75	1	7.5	13	1" 1 1/4" 1 1/2"		7.5	7	6.5	5.8	4.5	3.5	1.5
GPS903F	0.9	1.2	8.5	14	1" 1 1/4" 1 1/2"		8.5	8	7.5	6.8	5.5	4.5	2.8
GPS1103F	1.1	1.5	11	15	1" 1 1/4" 1 1/2"		11	10	9.5	8.8	7	6	4.5

VMP VIBRATION OF THE PUMP

Installation And Use

Suitable for use with clean water and with liquids that are not chemically aggressive towards the materials from which the pump is made. As portable electric drainage and irrigation devices, this series submersible pumps with lower power consumption is reliable and easy to use, they are widely suitable for water cluster boxes, farmland, industrial and mining enterprises, construction sites, ship and sump pits.
Installation needs to be undertaken in well ventilated closed areas or anyway protected from bad weather.

Flow rate up to 33.3 L/min (2 m³/h)

Head up to 80 m

Application Limits

Maximum operating depth 5 m below water level
Liquid temperature up to + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Aluminum
Impeller: Rubber
Electric Motor: Single-phase 230V-50Hz
Insulation: Class B
Protection: IP X8

VMP210

VMP300

VMP310

VMP370

VMP800

Model	Power		Max head	Max.flow	Size	Q (m³/h)	0	0.2	0.4	0.6	0.8	1	1.5	2
	kW	HP	m	m³/h	mm	Q (L/min)	0	3.3	6.7	10	13.3	16.7	25	33.3
VMP210	0.21	0.3	50	0.72	17		50	48	36	12				
VMP300	0.3	0.4	70	1.1	19		70	64	52	42	34	24		
VMP310	0.3	0.4	70	1.1	19	H(m)	70	56	47	42	33	18		
VMP370	0.37	0.5	80	1.5	19		80	70	60	42	25	15	7	
VMP800	0.8	1.1	80	2	19		80	72	64	58	48	35	20	5

GFA/B/C FOUNTAIN PUMP

Installation And Use

A micro submersible fountain pump for ornamental fountains for water feature projects. With silent operation, use in fresh water and seawater. Recommend to fish tank filter circulation pumping, water change, pond, landscaping, rockery and pattern fountain, etc. Easy application. With a variety of connection methods, it can be used with a variety of connection pipes on a variety of occasions.
GFC models for the frequency conversion type permanent magnet motor fountain pump, with a reliable structure, long life, high efficiency, low noise and other advantages.

Flow rate up to **166.7 L/min (10 m³/h)**

Head up to **5.6 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: ABS + PC plastic
Impeller: Open type impeller in plastic
Motor Bracket: Plastic
Motor Shaft: Ceramic
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class F
Protection: IP X8

GFA GFB GFC
Frequency variation model

Model	Power		Max head	Max.flow	G/W
	kW	HP	m	m³/h	kg
GFA-2503	0.055	0.07	2.2	2.1	19
GFA-3503	0.085	0.11	3.2	3.2	20
GFA-4503	0.1	0.13	3.8	4.6	21
GFA-5003	0.15	0.20	4.8	5.5	21

Model	Power		Max head	Max.flow	G/W
	kW	HP	m	m³/h	kg
GFB-743	0.008	0.01	1	0.6	10
GFB-943	0.016	0.02	1.3	0.8	12
GFB-1143	0.022	0.03	1.6	1	14
GFB-1543	0.028	0.04	2	1.4	11.5
GFB-1843	0.04	0.05	2.5	1.8	14
GFC-2803	0.01	0.01	2	3	12.5
GFC-3803	0.02	0.03	2.8	3.6	12.5
GFC-4803	0.03	0.04	4	4.5	12.5
GFC-5803	0.04	0.05	4.8	5.2	12.5
GFC-5003	0.03	0.04	3.3	6	15
GFC-6003	0.04	0.05	4.2	7	15
GFC-7003	0.05	0.07	4.6	8	15
GFC-8003	0.07	0.09	5.6	10	15

QSP SUBMERSIBLE PUMP

Installation And Use

A dedicated pump for ornamental fountains for water feature projects. With flange outlet, installation and maintenance are very simple, just connect the pipeline directly, screw on, or install the water head, use directly with the hose, motor class F insulation, which can meet the frequent start of the music fountain to the motor requirements, also meets the requirements of standard. It is suitable for various chemical companies, waterscape projects, and special mine environments, and can be used to transport slightly corrosive liquids. The submersible pump head motor is integrated, no pollution, corrosion resistance, compact structure, wear resistance, simple application, strength resistance, no drinking water, double-end sealing. Uses a stainless steel filter shield (to prevent large particles from entering the pump).

Flow rate up to **6680 L/min (400 m³/h)**

Head up to **75 m**

Application Limits

5 m maximum immersion depth
Liquid temperature + 35 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Stainless steel/ Cast iron
Impeller: Closed type impeller in iron
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class F
Protection: IP X8

*: S means stainless steel

Model	Power		Rated.head	Rated.flow	Size	N/W
	kW	HP	m	m³/h	mm	kg
QSP10-10-0.55(S)	0.55	0.75	10	10	50	19
QSP15-7-0.55(S)	0.55	0.75	7	15	50	21
QSP10-13-0.75(S)	0.75	1	13	10	50	21
QSP15-10-0.75(S)	0.75	1	10	15	50	22
QSP25-6-0.75(S)	0.75	1	6	25	65	22
QSP25-9-1.1(S)	1.1	1.5	9	25	65	25
QSP40-6-1.1(S)	1.1	1.5	6	40	80	24
QSP25-12-1.5(S)	1.5	3	12	25	65	27
QSP40-8-1.5(S)	1.5	2	8	40	80	27
QSP25-17-2.2(S)	2.2	3	17	25	65	36
QSP65-7-2.2(S)	2.2	3	7	65	100	43
QSP15-26-2.2(S)	2.2	3	26	15	50	43
QSP20-20-2.2(S)	2.2	3	20	20	65	41
QSP100-5-2.2(S)	2.2	3	5	100	100	43

SUBMERSIBLE PUMP

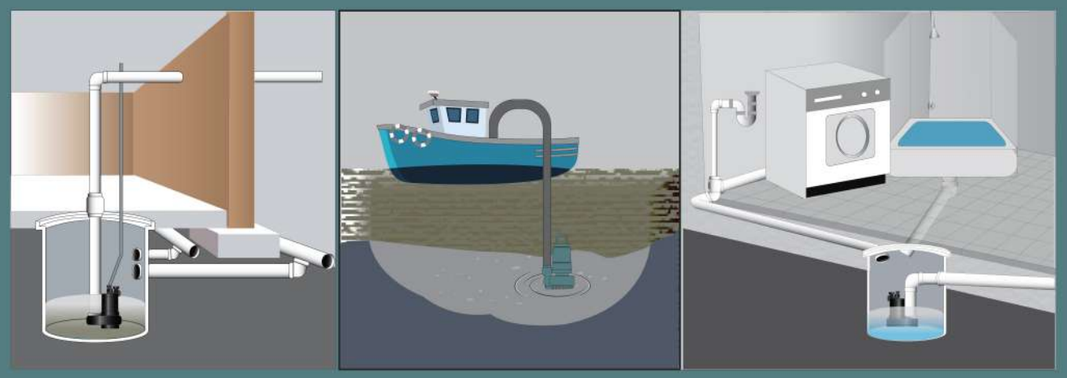
Model	Power		Rated.head	Rated.flow	Size	N/W
	kW	HP	m	m^3/h	mm	kg
QSP40-18-3(S)	3	4	18	40	75	43
QSP45-16-3(S)	3	4	16	45	65	42
QSP65-10-3(S)	3	4	10	65	100	44
QSP25-25-3(S)	3	4	25	25	65	44
QSP50-13-3(S)	3	4	13	50	65	42
QSP32-20-3(S)	3	4	20	32	65	44
QSP100-7-3(S)	3	4	7	100	100	44
QSP15-34/2-3(S)	3	4	34	15	50	50
QSP20-30/2-3(S)	3	4	30	20	65	50
QSP40-21-4(S)	4	5.5	21	40	65	46
QSP65-13-4(S)	4	5.5	13	65	100	47
QSP80-12-4(S)	4	5.5	12	80	100	48
QSP100-9-4(S)	4	5.5	9	100	100	50
QSP20-40/2-4(S)	4	5.5	40	20	65	57
QSP25-34/2-4(S)	4	5.5	34	25	65	56
QSP24-34/2-4(S)	4	5.5	34	24	65	56
QSP30-26/2-4(S)	4	5.5	26	30	65	56
QSP20-36/2-4(S)	4	5.5	36	20	65	56
QSP15-52/3-4(S)	4	5.5	52	15	50	62
QSP45-25-5.5(S)	5.5	7.5	25	45	100	57
QSP40-28-5.5(S)	5.5	7.5	28	40	100	57
QSP60-20-5.5(S)	5.5	7.5	20	60	100	57
QSP65-18-5.5(S)	5.5	7.5	18	65	100	54
QSP40-30/2-5.5(S)	5.5	7.5	30	40	100	62
QSP30-40/2-5.5(S)	5.5	7.5	40	30	100	63
QSP25-44/2-5.5(S)	5.5	7.5	44	25	65	70
QSP20-50/3-5.5(S)	5.5	7.5	50	20	65	67
QSP15-65/4-5.5(S)	5.5	7.5	65	15	50	74
QSP120-10-5.5(S)	5.5	7.5	10	120	125	59
QSP100-12-5.5(S)	5.5	7.5	12	100	125	57
QSP220-5-5.5(S)	5.5	7.5	5	220	150	60
QSP65-25-7.5(S)	7.5	10	25	65	100	67
QSP80-24-7.5(S)	7.5	10	24	80	100	67
QSP100-15-7.5(S)	7.5	10	15	100	125	59
QSP150-10-7.5(S)	7.5	10	10	150	150	70
QSP80-22/2-7.5(S)	7.5	10	22	80	100	77
QSP40-40/2-7.5(S)	7.5	10	40	40	100	75
QSP25-56/3-7.5(S)	7.5	10	56	25	65	84
QSP50-36/3-7.5(S)	7.5	10	36	50	100	85
QSP30-54/3-7.5(S)	7.5	10	54	30	100	85
QSP20-75/3-7.5(S)	7.5	10	75	20	65	88
QSP25-60/3-7.5(S)	7.5	10	60	25	65	86
QSP120-18-7.5(S)	7.5	10	18	120	125	65
QSP220-10-7.5(S)	7.5	10	10	220	150	65
QSP250-8-7.5(S)	7.5	10	8	250	150	73
QSP300-6-7.5(S)	7.5	10	6	300	200	73
QSP400-4.5-7.5(S)	7.5	10	4.5	400	200	132

SUBMERSIBLE SEWAGE& DRAINAGE PUMP

The submersible sewage& drainage pump classification includes various submersible stainless steel sewage pumps, submersible cast iron sewage pumps, drainage pumps, slurry pumps, and auto coupling sets. With excellent reliability and durability, the pump must be completely submerged in water when working. It can run continuously for a long time.

Application

This series of pumps can be used to lift dirty water. Some models have cut off function which can be used to cut off the long fibre or firm sundries. These series of pumps are widely used in our lives, such as domestic applications and industrial applications.



GV SUBMERSIBLE SEWAGE & DRAINAGE PUMP

Installation And Use

This series pump is equipped with a vortex impeller, with strong sewage discharge capacity, suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel plant, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries. Can pumping sewage containing particles and clean water. With stainless steel casing, also suitable for pumping corrosive media. This pump can pass through the dirt and debris with larger particle diameter, which is suitable for the transportation and discharge of sewage. When pumping sewage, the pump is equipped with a thickened base, which has a large water output and can be used in various sewage systems; When pumping clean water, the filtration is finer and the service life is long.

Flow rate up to **1000L/min (60m³/h)**

Head up to **20 m**

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to+35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Vortex impeller in cast iron or nylon with techno polymer
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP X8.

GV180/250

GV450/750/1100/1500/1800/2200

GV1100B

*: B With base plate.

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	4	8	12	16	18	24	30	34	38	42	46
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	67	133	200	267	300	400	500	367	633	700	767
GV180	0.18	0.25	7.5	8	25/32/40	9.2	H(m)	7.5	4.5	3									
GV250	0.25	0.35	9.5	8	25/32/40	10		9.5	7	3									
GV450	0.45	0.6	11	18	50	15.4		11	9	7	6	5	3						
GV750	0.75	1	14	24	50	17.2		14	13	12	10.5	9	7	4.5					
GV1100	1.1	1.5	17	24	50	20		17	16	14	12	10	8	3					
GV1500	1.5	2	17	34	50	24.7		17	14.5	13	12	11	10.5	8.5	6	3.5			
GV1800	1.8	2.5	17	42	75	26.9		17	15	14	12.5	12	11.5	10	7.5	5	4	2.5	
GV2200	2.2	3	17.5	46	75	30		17.5	16	15	13	12.5	12	10.5	8	6.5	4.5	3	2.5

GV1101

GV1501/1801/2201/2211

GV182/252

GV452/752/1102/1502/2202

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	5	10	15	20	25	32	35	40	42	47
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	83	167	250	333	417	533	583	667	700	783
GV1101	1.1	1.5	13	25	50	21	H(m)	13	12.5	11	9.5	6.5	4					
GV1501	1.5	2	17.5	32	50	28		17.5	15.5	14.5	13.5	11.5	10	6.5				
GV1801	1.8	2.5	17	42	75	26.9		17	15	14	12	11.5	10	7.5	5	3	2.5	
GV2201	2.2	3	18.5	47	75	33		18.5	17	15.5	14	13	11.5	8.5	7	5.5	5	3.5
GV2211	2.2	3	17	47	100	38		17	15	14	13	11.5	10	7.5	6	4.5	4	1.5

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	4	8	12	14	16	20	24	28	32
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	67	133	200	233	267	333	400	467	533
GV182	0.18	0.25	7	8	32	8.2	H(m)	7	5	2							
GV252	0.25	0.35	8	8	32	8.9		8	6	3							
GV452	0.45	0.6	9	14	50	13.3		9	8	6	5	3					
GV752	0.75	1	16.5	16	50	17		16.5	14.5	11.5	8	6	3				
GV1102	1.1	1.5	17.5	20	50	16.2		17.5	16	14	12	10	8.5	3.5			
GV1502	1.5	2	16	24	50	23		16	14.5	13	11	9	8.5	6	2		
GV1802	1.8	2.3	18	28	50	25		18	17	15.5	13.5	13	12	9	7	3	
GV2202	2.2	3	20	32	50	30		20	19	17.5	15.5	15	14	12	10	6.5	3

GVH SUBMERSIBLE SEWAGE & DRAINAGE PUMP

Installation And Use

This series submersible pumps with cutting system, for dirty water, designed mainly for industrial and civil fields, are fitted with a cast iron impeller with cutter.Bring equipment with over load protection device, it is also featured by its long durable and safety for use. They are recommended for pumping waste water from factories, construction sites and commercial facilities, drainage system in municipal sewage treatment plants: drainage station in residential quarters and municipal projects or methane pools and field irrigation in country side.This serial submersible pumps also designed to life dirty water with long fiber or firm sundries, it is easy to cut off them and avoid the impeller is blocked by the entanglement, are used in industrial, mining, and architectural operation.

Flow rate up to **1002 L/min (60 m³/h)**

Head up to **20 m**

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Cast iron with tungsten steel material cutter
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP X8.

GVH450/750

GVH1100/1500

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	3.6	7.2	10.8	14.4	18	21.6	25.2	30
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	60	120	180	240	300	360	420	500
GVH450	0.45	0.6	10	18	50	13.8	H(m)	10	9	8	6.5	5	3			
GVH750	0.75	1	10.5	22	50	15		10.5	9.5	8.5	7	5.5	4.5	2.5		
GVH1100	1.1	1.5	13	25	50	17		13	12.5	11	10	8.5	7	5.5	3	
GVH1500	1.5	2	17	30	50	21		17	16	15	14.5	13	11	8.5	6	3

GVH750/1100/1500L

D

X

GVH1500X/1500D/2200X/2200D

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	8	16	24	28	36	40
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	133	267	400	467	600	667
GVH750L	0.75	1	12	24	75	23	H(m)	12	9	6.5	3	2		
GVH1100L	1.1	1.5	14	28	75	24.5		14	11	8.5	6	3.5		
GVH1500L	1.5	2	17	40	75	25.5		17	16	14	12.5	11	6	3

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	5	10	15	20	25	30	35	40
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	83	167	250	333	417	500	583	667
GVH1500X	1.5	2	17	30	75	32.5	H(m)	17	16	15	12	9	7	5		
GVH1500D	1.5	2	20	35	75	34.5		20	18	16	15	13.5	12	9.5	7.5	
GVH2200X	2.2	3	16	35	75	37		16	15	14	13.5	13	12.5	11	9	
GVH2200D	2.2	3	18	42	75	39.5		18	17.5	17	16.5	16	15.5	14.5	13.5	11.5

GVH SUBMERSIBLE SEWAGE & DRAINAGE PUMP

GVH180/250/450/750/1100/1500B

GVH2200B

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	3	6	9	12	18	24	30	36	48	60
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	50	100	150	200	300	400	500	600	800	1000
GVH180B	0.18	0.25	7	9	32	9.5	H(m)	7	6	4.5	3							
GVH250B	0.25	0.33	8	9	32	10		8	7	5.5	3.5							
GVH450B	0.45	0.6	10	18	50	20		10	8.5	7.5	6.5	5.5	3					
GVH750B	0.75	1	10.5	24	50	22.5		10.5	9	8	7	6	4	2.5				
GVH1100B	1.1	1.5	13	24	50	23.5		13	12	11	10	9	8	6				
GVH1500B	1.5	2	17	30	50	33		17	16	14.5	13.5	13	11.5	9.5	7			
GVH2200B	2.2	3	16	60	100	38		16	15.5	15	14.5	14	13.5	13	12	11	8	2.5

GV-K SUBMERSIBLE SEWAGE & DRAINAGE PUMP

Installation And Use

This series submersible pumps with cutting system, for dirty water, designed mainly for industrial and civil fields, are fitted with a cast iron impeller with cutter.Bring equipment with over load protection device, it is also featured by its long durable and safety for use. They are recommended for pumping waste water from factories, construction sites and commercial facilities, drainage system in municipal sewage treatment plants: drainage station in residential quarters and municipal projects or methane pools and field irrigation in country side. This serial submersible pumps also designed to life dirty water with long fiber or firm sundries, it is easy to cut off them and avoid the impeller is blocked by the entanglement, are used in industrial, mining, and architectural operation.

Flow rate up to **700 L/min (42 m³/h)**

Head up to **28 m**

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Cast iron with tungsten steel material cutter
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP X8.

GV800/1100/1300/1500/1800K

GV2201K

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	4	8	12	16	20	25	28	32	36	40
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	67	133	200	267	333	417	467	533	600	667
GV800K	0.8	1.1	8.5	16	50	17.7	H(m)	8.5	7	6	4.5	2.5						
GV1100K	1.1	1.5	10.5	20	50	18.5		10.5	9	8	6	4	2.5					
GV1300K	1.3	1.75	15	25	50	19.5		15	13.5	13	11	9	7.5	4.5				
GV1500K	1.5	2	14	28	50	26		14	13	11.5	10.5	9.5	8	6.5	5			
GV1800K	1.8	2.5	14	40	75	31.5		14	12.5	11.5	10	9	8	7.5	6.5	5	3.5	2

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	4	8	12	16	20	25	28	32	36	40	42
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	67	133	200	267	333	417	467	533	600	667	700
GV2201K	2.2	3	15	42	75	31	H(m)	15	14	13	12	11	10.5	9.5	8.5	7.5	5.5	4	2

GV-K SUBMERSIBLE SEWAGE & DRAINAGE PUMP

GV1502/1802K

GV1104/1504/1804/2204K

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	3	6	9	10.5	12	14
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	50	100	150	175	200	225
GV1502K	1.5	2	18	14	50	30.5	H(m)	18	15.5	13	9.5	7.5	4	2
GV1802K	1.8	2.4	21	14	50	34.5		21	19.5	16	12.5	10.5	8	5

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	4	8	12	16	20	22
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	67	133	200	267	333	367
GV1104K	1.1	1.5	18	20	40/50	22	H(m)	18	15.5	13	9.5	6	2	
GV1504K	1.5	2	20	20	40/50	26		20	17	14	10	6.5	2.5	
GV1804K	1.8	2.5	24	22	40/50	30		24	21	18.5	16	12.5	6	2
GV2204K	2.2	3	28	22	40/50	34		28	25.5	22.5	20	15.5	8	3

GVS-K SUBMERSIBLE SEWAGE & DRAINAGE PUMP

Installation And Use

This series submersible pumps with cutting system, for dirty water, designed mainly for industrial and civil fields, are fitted with a cast iron impeller with cutter.Bring equipment with over load protection device, it is also featured by its long durable and safety for use. They are recommended for pumping waste water from factories, construction sites and commercial facilities, drainage system in municipal sewage treatment plants: drainage station in residential quarters and municipal projects or methane pools and field irrigation in country side. This serial submersible pumps also designed to life dirty water with long fiber or firm sundries, it is easy to cut off them and avoid the impeller is blocked by the entanglement, are used in industrial, mining, and architectural operation.

Flow rate up to **383.33 L/min (23 m³/h)**

Head up to **13.5 m**

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Cast iron with tungsten steel material cutter
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP X8.

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2	21.6	23
	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	40	80	120	160	200	240	280	320	360	383
GVS750K	0.75	1	11.5	14.4	50	16.5	H(m)	11.5	10.5	10	9	7.5	5.5	4				
GVS1100K	1.1	1.5	12	16.8	50	17.5		12	11.5	10.5	10	9.5	8	7	5.5			
GVS1500K	1.5	2	13.5	23	50	19.2		13.5	13	12	11.5	10.5	9.5	8.5	7.5	6	4.5	3

GRX(M) SUBMERSIBLE SEWAGE&DRAINAGE PUMP

Installation And Use

This pump is designed to lift dirty water which is not chemically aggressive to the pump components. In all cases can suspended solids up to 10mm go through the channel. Recommend applications therefore include draining floods in confined areas such as basements and garages, and also pumping domestic waste and the disposal of waste water, containing fibrous matter and is also widely used in many factories. This pump is easy to install and dependable when used automatically in fixed installations. And the pump with float switch for liquid level control.

Flow rate up to 333 L/min (20 m³/h)

Head up to 19 m

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Stainless steel
Impeller: Stainless steel or plastic with open type
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel with double shaft seal
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP 68.

Model		Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	3	6	9	12	15	18	20
Single-phase	Three-phase	kW	HP	m	m³/h	mm	kg	Q (L/min)	0	50	100	150	200	250	300	333
GRXm25		0.25	0.33	7.5	9	32	5.5	H(m)	7.5	6.5	5.5	4				
GRXm37	GRX37	0.37	0.5	11	12	40	9.6		11	9.2	7.5	6	3.5			
GRXm55	GRX55	0.55	0.75	13.5	15	40	9.8		13.5	11.8	10	8	6	3.5		
GRXm75	GRX75	0.75	1	15	15	40	10.5		15	13.5	11.5	9.5	7.5	5		
GRXm110	GRX110	1.1	1.5	18	18	40	12		18	16	14	12	9.5	7	4.5	
GRXm150	GRX150	1.5	2	19	20	40	13		19	17	15.2	13.5	11.5	9.2	7	5.5

WQ-BS SUBMERSIBLE SEWAGE&DRAINAGE PUMP

Installation And Use

This series of pumps are made of stainless steel casing, with strong sewage discharge capacity, suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel plant, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries. Can pumping sewage containing particles and clean water. With stainless steel casing, also suitable for pumping corrosive media. As the max. solid passage size is 50 mm, the pump can pass through the dirt and debris with larger particle diameter, which is suitable for the transportation and discharge of sewage. When pumping sewage, the pump is equipped with a thickened base, which has a large water output and can be used in various sewage systems; When pumping clean water, the filtration is finer and the service life is long.

Flow rate up to 300 L/min (18m³/h)

Head up to 13 m

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Stainless steel
Impeller: Stainless steel with cutter
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 220V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP X8.

Model	Power		Max head	Max.flow	Size	G/W	N/W	Q (m³/h)	0	2	4	6	8	10	12	14	16	18
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	33	67	100	133	167	200	233	267	300
WQ-0.55BS	0.55	0.75	7	12	50	15	14	H(m)	7	6.7	6.5	6.3	6.1	5.7	5	/	/	/
WQ-0.75BS	0.75	1	10	14	50	16	15		10	9.8	9.4	9	8.4	7.7	6.8	5.4	/	/
WQ-1.1BS	1.1	1.5	13	18	50	17	16		13	12.3	11.9	11.6	11.3	10.8	9.9	8.8	7.3	5.2

WQ-S SUBMERSIBLE SEWAGE&DRAINAGE PUMP

Installation And Use

This series of pumps are made of stainless steel casing, is equipped with stainless steel vortex impeller, with strong sewage discharge capacity, suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel plant, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries. Can pumping sewage containing particles and clean water. With stainless steel casing, also suitable for pumping corrosive media. As the max. solid passage size is 65 mm, the pump can pass through the dirt and debris with larger particle diameter, which is suitable for the transportation and discharge of sewage. When pumping sewage, the pump is equipped with a thickened base, which has a large water output and can be used in various sewage systems; When pumping clean water, the filtration is finer and the service life is long.

Flow rate up to 18666 L/min (1120 m³/h)

Head up to 44 m

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Stainless steel
Impeller: Stainless steel with cutter
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 220V-50Hz with condenser thermal overload protector built into the copper winding; Three- phase 380V-50Hz.
Insulation: Class B.
Protection: IP X8.

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	5	9	12	15	20	25	30	35	40	43
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	83	150	200	250	333	417	500	583	667	717
WQ9-22-2.2S	2.2	3	25	15	40	24.5	23.5	H(m)	25	23.5	21.5	20.5	16	/	/	/	/	/	/
WQ15-15-2.2S	2.2	3	19	25	50	25	23		19	17.5	15.5	14.5	14	13	12	11	10	8.5	/
WQ15-22-3S	3	4	25	43	50	27.5	25.5		25	24	23.2	22.5	22	21	19.5	18.5	17	15.7	15
WQ12-33-4S	4	5.5	38	35	50	38.5	35.5		38	36	34	33	31.5	29	26.7	24.5	22	/	/

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	5	10	15	20	25	30	35	40	45
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	83	167	250	333	417	500	583	667	750
WQ35-7-2.2S	2.2	3	12	45	65	25	23	H(m)	12	11.5	11	10.5	10	9	8	7	5.5	4
WQ25-10-2.2S	2.2	3	12	40	65	25	23		12	11.9	11.8	11.5	11	10	8.8	7	4	/
WQ25-15-3S	3	4	18	30	65	27	25		18	17.5	17	16.3	15.5	14.8	13.8	/	/	/

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	10	20	30	37	50	60	65	80	85	95
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	167	333	500	617	833	1000	1083	1333	1417	1583
WQ37-10-3S	3	4	15	65	80	31	29	H(m)	15	13.5	12.2	11	10	8.5	7	6.4	/	/	/
WQ25-22-4S	4	5.5	25	65	80	37	34.5		25	24	22.8	21	19.8	17.5	15	14	7	/	/
WQ50-10-4S	4	5.5	15	85	80	37	34.5		15	14.5	13.5	12.5	11.5	10	8.5	7.6	5	4	/
WQ75-7-4S	4	5.5	12	95	100	40	37		12	11.8	11.5	11	10.3	9.5	8.5	8	6.3	5.8	4.2

WQK-BS SUBMERSIBLE SEWAGE&DRAINAGE PUMP

Installation And Use

This series of pumps are stainless steel submersible cutting sewage pump. The solid passage size is 65 mm. With strong sewage discharge capacity, suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel plant, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries. Can pumping sewage containing particles and clean water. With stainless steel casing, also suitable for pumping corrosive media. This pump can pass through the dirt and debris with larger particle diameter, which is suitable for the transportation and discharge of sewage. When pumping sewage, the pump is equipped with a thickened base, which has a large water output and can be used in various sewage systems; When pumping clean water, the filtration is finer and the service life is long.

Flow rate up to 267 L/min (16 m³/h)

Head up to 12.5 m

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Stainless steel
Impeller: Stainless steel with open-type cutter impeller
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 220V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	1	3	5	6	8	10	12	14	15	16
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	17	50	83	100	133	167	200	233	250	267
WQK-550BS	0.55	0.75	5	6	65	11	10.5	H(m)	5	4	3	2.5	2	/	/	/	/	/	/
WQK-750BS	0.75	1	5	8	65	13	12.5		5	4.5	4	3	2.5	2	/	/	/	/	/
WQK-1100BS	1.1	1.5	10	15	65	14.5	14		10	9.5	8	7.5	7	6	5	4	3	2.5	/
WQK-1500BS	1.5	2	12.5	16	65	15.5	15		12.5	12	11	10	9	8	7	5.5	4.5	3.5	2.5

WQK-S SUBMERSIBLE SEWAGE&DRAINAGE PUMP

Installation And Use

This series of pumps are stainless steel submersible cutting sewage pump. The solid passage size is 65 mm. With strong sewage discharge capacity, suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel plant, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries. Can pumping sewage containing particles and clean water. With stainless steel casing, also suitable for pumping corrosive media. This pump can pass through the dirt and debris with larger particle diameter, which is suitable for the transportation and discharge of sewage. When pumping sewage, the pump is equipped with a thickened base, which has a large water output and can be used in various sewage systems; When pumping clean water, the filtration is finer and the service life is long.

Flow rate up to 583.3 L/min (35 m³/h)

Head up to 18 m

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Stainless steel / Cast iron
Impeller: Stainless steel with cutter impeller
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 220V-50Hz with condenser thermal overload protector built into the copper winding.
Insulation: Class B.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	4	7	10	13	16	20	22	25	28	30
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	67	117	167	217	267	333	367	417	467	500
WQK7-7-0.55S	0.55	0.75	8	22	65	11	10.5	H(m)	8	7.2	6.7	6.2	5.6	4.9	4.2	3.6	/	/	/
WQK20-5-0.75S	0.75	1	9.7	25	65	13	12.5		9.7	8.6	7.8	7.2	6.5	6	5.4	4.9	4.2	/	/
WQK7-15-1.1S	1.1	1.5	15.5	28	65	14.5	14		15.5	15	14.5	13.5	12.3	11.2	9.7	8.8	7	5.7	4.2
WQK10-15-1.5S	1.5	2	17.5	33	65	15.5	15		17.5	17	16	15	14	12.5	11.2	10.2	8.8	7	6

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	5	10	15	20	25	28	31
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	83	167	250	333	417	467	517
WQK15-7-1.1S	1.1	1.5	12.3	28	65	14.5	14	H(m)	12.3	10.6	9.3	8	7	5.9	5.3	/
WQK25-7-1.5S	1.5	2	14.7	31	65	15.5	15		14.7	13.2	11.6	10.1	8.6	7.3	6.5	6

GVX/D SUBMERSIBLE SEWAGE&DRAINAGE PUMP

Installation And Use

This series of pumps are made of stainless steel casing, is equipped with stainless steel vortex impeller, with strong sewage discharge capacity, suitable for chemical industry, petroleum, pharmaceutical, mining, paper industry, cement plant, steel plant, power plant, coal processing industry, urban sewage treatment plant drainage system, municipal engineering, construction site and other industries. Can pumping sewage containing particles and clean water. With stainless steel casing, also suitable for pumping corrosive media. As the max. solid passage size is 65 mm, the pump can pass through the dirt and debris with larger particle diameter, which is suitable for the transportation and discharge of sewage. When pumping sewage, the pump is equipped with a thickened base, which has a large water output and can be used in various sewage systems; When pumping clean water, the filtration is finer and the service life is long.

Flow rate up to 18666 L/min (1120 m³/h)

Head up to 44 m

Application Limits

5 m maximum immersion depth
Maximum liquid temperature up to +35 °C
Maximum ambient temperature up to +40 °C

Construction

Pump Body: Stainless steel
Impeller: Stainless steel with cutter
Motor Bracket: Stainless steel
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 220V-50Hz with condenser thermal overload protector built into the copper winding; Three- phase 380V-50Hz.
Insulation: Class B.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	5	7	10	13	17	20	23	26	29	32
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	83	117	167	217	283	333	383	433	483	533
GVXS7-7-0.55	0.55	3	10	23	65	10	9.5	H(m)	10	8.7	8	7.4	6.5	5.4	4.7	3.8	/	/	/
GVXS5-15-0.75	0.75	3	16.5	26	65	12	11.5		16.5	15	14	12.8	11.5	9.5	7.6	5.5	3.2	/	/
GVXS7-15-1.1	1.1	4	17	29	65	13.5	13		17	15.8	15	14	13	11	9.2	7.5	5.3	3.2	/
GVXS10-15-1.5	1.5	5.5	19	32	65	14.5	14		19	17.3	16.5	15.3	14.2	12.2	10.8	9.2	7.5	5.8	3.4

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	4	7	10	15	18	21	24	27	30
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	67	117	167	250	300	350	400	450	500
GVXS10-7-0.75	0.75	1	10.6	24	65	12	11.5	H(m)	10.6	9.6	8.8	8	6.5	5.6	4.7	4	/	/
GVXS10-10-1.1	1.1	1.5	13	27	65	13.5	13		13	11.6	10.8	10	8.5	7.6	6.5	5.4	4.3	/
GVXS15-10-1.5	1.5	2	13.5	30	65	14.5	14		13.5	12.5	11.7	11	9.7	8.8	7.8	6.7	5.6	4.2

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Q (m³/h)	0	4	8	12	15	20	23	27	30
	kW	HP	m	m³/h	mm	kg	kg	Q (L/min)	0	67	133	200	250	333	383	450	500
GVDS20-5-0.75	0.75	1	10.5	23	65	12	11.5	H(m)	10.5	9.5	8.3	7.2	6.4	5	4.2	/	/
GVDS15-7-1.1	1.1	1.5	13.4	27	65	13.5	13		13.4	12	11	9.7	8.8	7	6	4.2	/
GVDS25-7-1.5	1.5	2	13.5	30	65	14.5	14		13.5	12.5	11.5	10.5	9.8	8.3	7.3	5.7	3.8

WQ-2P SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

The WQ series pumps are basic submersible sewage pumps with channel impellers. There is a wide product lineup that can be easily installed in combination with auto-coupling rail systems or use free-standing with a flexible hose or flange connection. With excellent reliability and durability, the pump must be completely submerged in water when working. It can run continuously for a long time. Therefore, they contribute to stable equipment operation in pumping stations and water treatment plants, and help greatly reduce maintenance costs.
These pumps have been actively used in many water treatment plants, pumping stations, flood control facilities and water parks. When manufactured according to GREEN's unique seawater-resistant specifications, these pumps can be reliably used to draw seawater from shipyards and power plants. In short, the WQ series reflects our years of experience and expertise, so it can be applied to various fields and applications.

Flow rate up to 6667 L/min (400 m³/h)

Head up to 100 m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Channel impeller in cast iron
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

0.55-7.5Kw

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	4	6	7	15	17	20
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	67	100	117	250	283	333
50WQ6-12-0.55	0.55	0.75	16	14	2	19.5	2950/2P	10	H(m)	16	14.5	13	12	8	/	/
50WQ6-16-0.75	0.75	1	20	17	2	20.5	2950/2P	10		20	19	17.5	15.3	10	7	/
50WQ10-10-0.75	0.75	1	19	18	2	21	2950/2P	10		19	17.5	17	16	14	9	/
50WQ7-15-1.1	1.1	1.5	19.5	20	2	28.5	2950/2P	15		19.5	18	16	15	11.5	8	6

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	7	9	15	20	29	32	40	48	55
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	117	150	250	333	483	533	667	800	834
50WQ15-15-1.5	1.5	2	19.5	32	2	36	2950/2P	20	H(m)	19.5	17	16.4	15	12.3	7.3	5.4	/	/	/
50WQ9-22-2.2	2.2	3	25.2	29	2	39	2950/2P	25		25.2	22.4	22	19	15.9	6.6	/	/	/	/
50WQ15-25-3	3	4	30.8	40	2	46	2950/2P	25		30.8	28.2	27.4	25	23.1	17	15.3	9.4	/	/
50WQ15-30-4	4	5.5	31.5	40	2	58	2950/2P	25		31.5	30.5	29.5	28	25.5	19.6	17.5	10.6	2	/
50WQ20-35-5.5	5.5	7.5	40	55	2	75	2950/2P	27		40	38	37	36	34	31	30.6	26	13	4
50WQ20-40-7.5	7.5	10	49	40	2	99	2950/2P	20		49	45	44	40.5	39	25.6	24	13	4	/

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	10	15	20	25	30	35	45	50	55	60
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	167	250	333	417	500	583	750	834	917	1000
65WQ15-9-1.1	1.1	1.5	19.5	20	2.5	34	2950/2P	20	H(m)	19.5	14	12	6	/	/	/	/	/	/	/
65WQ25-7-1.5	1.5	2	17.5	35	2.5	37	2950/2P	22		17.5	14	12	10	7	5	3.5	/	/	/	/
65WQ25-15-2.2	2.2	3	21.5	55	2.5	40	2950/2P	30		21.5	19	18	16.5	15	14.5	13	9	6	4	/
65WQ25-18-3	3	4	27	50	2.5	48	2950/2P	25		27	23	21.5	19.5	18	15.5	13.5	6.5	3	/	/
65WQ25-25-4	4	5.5	30.5	45	2.5	60	2950/2P	25		30.5	29	28	26.5	25	21	18	5	/	/	/
65WQ30-30-5.5	5.5	7.5	36.5	60	2.5	77	2950/2P	27		36.5	34	34	32.5	31	30	26	21.5	18.7	10	6.5
65WQ30-36-7.5	7.5	10	43.5	64	2.5	100	2950/2P	30		43.5	40	39	37	38	36	33	28.5	25.5	23	17.5

WQ-2P SUBMERSIBLE CAST IRON SEWAGE PUMP

INDUSTRY MUNICIPAL IRRIGATION

0.55-7.5Kw

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	10	20	30	40	43	50	60	66	75	88
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	167	333	500	667	717	834	1000	1100	1250	1467
80WQ40-10-2.2	2.2	3	15	66	3	42	2950/2P	25	H(m)	15	13.5	12	11	10	9	7.5	5	3	/	/
80WQ43-13-3	3	4	20	66	3	50	2950/2P	35		20	18.5	15.5	14.5	12.5	12	10	6	3.5	/	/
80WQ40-16-4	4	5.5	22.5	75	3	62	2950/2P	38		22.5	20.5	19	17.5	16	15	13	10.5	9	5.5	/
80WQ40-20-5.5	5.5	7.5	27.5	88	3	78	2950/2P	25		27.5	25.5	24.5	22.5	21	20.5	19	17	14.5	13	6.5
80WQ40-28-7.5	7.5	10	35	88	3	103	2950/2P	40		35	32.5	31	29	28	26.5	25	23	21.5	18	5

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	20	40	50	60	65	73	80	88	92	90
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	333	667	834	1000	1084	1217	1334	1467	1534	1500
100WQ50-7-2.2	2.2	3	14.5	73	4	44	2950/2P	30	H(m)	14.5	12.5	10	8	5.5	3.5	2	/	/	/	/
100WQ50-10-3	3	4	19	80	4	52	2950/2P	30		19	15.5	12.5	10.5	8	6.5	4	2	/	/	/
100WQ60-10-4	4	5.5	21.5	92	4	64	2950/2P	35		21.5	18	14.5	12.5	10.5	9.5	8	5.5	4.5	3.5	/
100WQ60-18-5.5	5.5	7.5	26	99	4	80	2950/2P	30		26	22	20	17.5	15.5	15	13	11.5	9	8	3.5
100WQ65-20-7.5	7.5	10	29.5	88	4	105	2950/2P	35		29.5	27.5	24	23	21.5	20	18	16	12.5	/	/

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	20	40	60	80	100	127	154
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	333	667	1000	1334	1667	2117	2567
150WQ100-8-5.5	5.5	7.5	22	127	6	110	2950/2P	35	H(m)	22	19.5	19	16	13.5	10	2.5	/
150WQ100-10-7.5	7.5	10	23	154	6	115	2950/2P	35		23	21	20	17	15	12	7	2

INDUSTRY MUNICIPAL IRRIGATION

11-22Kw

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	7	15	20	28	36	41	43	50
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	117	250	333	467	600	683	717	817
50WQ20-50-11	11	15	63	36	2	128	2950/2P	25	H(m)	63	59.5	55	50	36	8	/	/	/
50WQ20-70-15	15	22	80.5	49	2	140	2950/2P	25		80.5	77	74	70.5	65	52.5	47	42	7
50WQ20-80-18.5	18.5	25	87	41	2	150	2950/2P	25		87	84.5	81	78	67.5	51.5	9.5	/	/
50WQ20-90-22	22	30	101	43	2	170	2950/2P	25		101	98	95	90	81	64.5	49	10	/

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	10	20	30	37	40	42	44	45
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	167	333	500	623	667	700	733	917
65WQ30-40-11	11	15	59.5	40	2.5	128	2950/2P	25	H(m)	59.5	57	52	44	22.5	8	/	/	/
65WQ30-60-15	15	22	80	44	2.5	140	2950/2P	27		80	76.5	72.5	62	57	52	43	10	/
65WQ30-68-18.5	18.5	25	85	45	2.5	160	2950/2P	20		85	80	75	65	60	55	45	15	6
65WQ30-75-22	22	30	105	45	2.5	180	2950/2P	25		105	90	82	75	68.5	64	53	25	6

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	20	40	60	80	95	100	120	126
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	333	667	1000	1334	1567	1667	2034	2100
80WQ60-30-11	11	15	42	94	3	132	2950/2P	30	H(m)	42	39	35	30	22	6.5	/	/	/
80WQ60-40-15	15	22	55	94	3	143	2950/2P	32		55	50	45	39	30	8	/	/	/
80WQ60-45-18.5	18.5	25	62	122	3	163	2950/2P	30		62	57.5	53	49.5	44.5	40.5	38.5	11	4
80WQ60-50-22	22	30	70	122	3	183	2950/2P	30		70	65.5	60	55	50.5	47	44	14	6

WQ-2P SUBMERSIBLE CAST IRON SEWAGE PUMP

INDUSTRY MUNICIPAL IRRIGATION

11-22Kw

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	20	40	60	80	100	124	140
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	333	667	1000	1333	1667	2067	2334
100WQ80-25-11	11	15	35.5	151	4	135	2950/2P	45	H(M)	35.5	33	32.6	28	25	21	16	11
100WQ80-35-15	15	22	48.5	124	4	146	2950/2P	40		48.5	45.5	42	38.5	35	31	5	/
100WQ80-40-18.5	18.5	25	55	124	4	166	2950/2P	35		55	52	49	46	42	38	12	/
100WQ80-45-22	22	30	66.5	124	4	186	2950/2P	35		66.5	62	58	54.5	51	46	6	/

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	20	40	60	80	100	120	144	144	144
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	333	667	1000	1333	1667	2000	2400	2400	2400
150WQ100-20-11	11	15	30.5	144	6	141	2950/2P	35	H(m)	30.5	28	26	24	22.5	20	15	2		
150WQ100-30-15	15	20	41	149	6	153	2950/2P	54		41	38	35.5	34	32	30	25.5	10	2	
150WQ100-36-18.5	18.5	25	49	167	6	338	2950/2P	45		49	46	43	40.5	38.5	36	32.5	21.5	18.5	2.5
150WQ100-40-22	22	30	53	167	6	340	2950/2P	35		53	50	47	45	43	40	37	31	28	2

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	40	80	120	160	180	200	250	290	360	370
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	667	1334	2000	2667	3000	3333	4168	4834	6001	6168
200WQ180-11-11	11	15	26.5	250	8	158	2950/2P	45	H(M)	26.5	24	21.5	18.5	15.3	13.5	11.6	5.8	/	/	/
200WQ180-15-15	15	20	28	250	8	170	2950/2P	45		28	26	24	21.5	19	17	14	3.6	/	/	/
200WQ180-18-18.5	18.5	25	29	360	8	365	2950/2P	45		29	27	25	22.5	19.5	18	16.5	13	9.8	2.5	/
200WQ200-20-22	22	30	31.5	370	8	370	2950/2P	45		31.5	29.5	27	24.5	22	21	20	16	12	5	4

WQ-4P/6P SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

The WQ series pumps are basic submersible sewage pumps with channel impellers. There is a wide product lineup that can be easily installed in combination with auto-coupling rail systems or use free-standing with a flexible hose or flange connection. With excellent reliability and durability, the pump must be completely submerged in water when working. It can run continuously for a long time. Therefore, they contribute to stable equipment operation in pumping stations and water treatment plants, and help greatly reduce maintenance costs.
These pumps have been actively used in many water treatment plants, pumping stations, flood control facilities and water parks. When manufactured according to GREEN's unique seawater-resistant specifications, these pumps can be reliably used to draw seawater from shipyards and power plants. In short, the WQ series reflects our years of experience and exper-tise, so it can be applied to various fields and applications.

Flow rate up to 128333L/min (7700 m³/h)

Head up to 140 m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Channel impeller in cast iron
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

WQ-4P/6P SUBMERSIBLE CAST IRON SEWAGE PUMP

INDUSTRY MUNICIPAL IRRIGATION

5.5-15KW

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	20	40	60	80	100	110	130	140
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	333	667	1000	1333	1667	1833	2167	2334
80WQ80-13-5.5	5.5	7.5	20	130	3	110	1450/4P	30	H(m)	20	18.5	17	15	13	10.5	7	/	/
80WQ80-20-7.5	7.5	10	26	130	3	115	1450/4P	30		26	25	23.5	21.5	19	15	10	/	/
100WQ100-10-5.5	5.5	7.5	18	120	4	115	1450/4P	35		18	16.5	15	13.5	11.5	9	6	/	/
100WQ100-15-7.5	7.5	10	21.5	140	4	121	1450/4P	35		21.5	20	18.5	17	15.5	13	9	/	/
100WQ100-20-11	11	15	28	150	4	197	1450/4P	35		28	27	25.5	24	22	20	16	12	/
100WQ100-26-15	15	20	36	160	4	221	1450/4P	35		36	34	32	30	28	26	22	18	12

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	40	80	125	140	160	180	200	240	260	300
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	667	1333	2083	2333	2667	3000	3333	4000	4333	5000
150WQ125-7-5.5	5.5	7.5	16	160	6	125	1450/4P	45	H(m)	16	14	12	7	5	2.5	/	/	/	/	/
150WQ140-9-7.5	7.5	10	16	240	6	132	1450/4P	45		16	15	12.5	10	9	8	7	6	3	/	/
150WQ180-11-11	11	15	20	260	6	206	1450/4P	45		20	18.5	17	15.5	14.5	13	11.5	10	6.5	5	/
150WQ200-15-15	15	20	24.5	300	6	229	1450/4P	45		24.5	23.5	22	20	19	18	16.5	15	12.5	11	6

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	75	150	200	250	280	300	350	400	450	550	600
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	1250	2500	3333	4167	4667	5000	5833	6667	7500	9167	10000
200WQ200-7-7.5	7.5	10	15	280	8	153	1450/4P	50	H(m)	15	13	10	7.5	4.5	2	/	/	/	/	/	/
200WQ300-7-11	11	15	19.5	350	8	223	1450/4P	50		19.5	17.5	15	12.5	10	8.5	7	3	/	/	/	/
200WQ250-11-15	15	20	21.5	350	8	245	1450/4P	50		21.5	19.5	16.5	14	11	9	7	2.5	/	/	/	/
250WQ400-6-11	11	15	14	560	10	244	1450/4P	55		14	13	12	11	10	9.5	9	7.5	6	4.5	2	/
250WQ450-6-15	15	20	17.5	600	10	266	1450/4P	60		17.5	15.5	13.5	12	11	10.5	10	9	8	6.5	3	1.5

INDUSTRY MUNICIPAL IRRIGATION

18.5-30KW

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	25	50	75	100	120	130	170	200
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	417	834	1250	1667	2000	2167	2833	3333
100WQ100-33-18.5	18.5	25	43	130	4	283	1450/4P	35	H(m)	43	41	39	36	34	25	8	/	/
100WQ100-37-22	22	30	45	170	4	299	1450/4P	35		45	43.5	41.5	40	37	34	31	7	/
100WQ120-45-30	30	40	53	220	4	428	1450/4P	30		53	51	49	47	45	43	41.5	32.5	19

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	40	120	180	200	240	280	300	320
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	667	2000	3000	3333	4000	4667	5000	5333
150WQ180-20-18.5	18.5	25	27	320	6	294	1450/4P	50	H(m)	27	25.5	22.5	20	18.5	15	11	9	5
150WQ200-22-22	22	30	31	350	6	309	1450/4P	45		31	29	26	23.5	22	18	13.5	11	9
150WQ180-30-30	30	40	45	300	6	424	1450/4P	35		45	42	35.5	30	28	23.5	11	5	/

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	80	160	200	250	280	340	370	410
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	1334	2667	3333	4167	4667	5667	6167	6833
200WQ250-15-18.5	18.5	25	24	410	8	313	1450/4P	50	H(m)	24	20.5	18	16.5	14.5	13	9	7	4
200WQ250-18-22	22	30	30	370	8	325	1450/4P	50		30	26	23	21	18	16.5	12	3	/
200WQ250-22-30	30	40	35	340	8	448	1450/4P	40		35	32.5	28.5	26	22	18	5.5	/	/

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	90	180	270	360	450	500	630	680
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	1500	3000	4500	6000	7500	8333	10500	11333
250WQ500-7-18.5	18.5	25	20	680	10	335	1450/4P	55	H(m)	20	17.5	15	13	11	8.5	7	2.5	1
250WQ500-9-22	22	30	24	720	10	345	1450/4P	60		24	21	18.5	16	13.5	11	9.5	5	3
250WQ500-12-30	30	40	26	680	10	470	1450/4P	55		26	24	21.5	19.5	17.5	14.5	12	5	2

WQ-4P/6P SUBMERSIBLE CAST IRON SEWAGE PUMP

INDUSTRY MUNICIPAL IRRIGATION

18.5-30KW

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	120	240	360	480	650	800	830	870
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	2000	4000	6000	8000	10833	13333	13833	14500
300WQ650-5-18.5	18.5	25	14	830	12	340	1450/4P	60	H(m)	14	12	10.5	9	7.5	5	2	1.5	/
300WQ650-7-22	22	30	17	870	12	362	1450/4P	65		17	15.5	13.5	11.5	9.5	7	3.5	2.5	1.5
300WQ800-7-30	30	40	27	970	12	454	1450/4P	80		27	25	22	19	16	12	8	7	5.5

37-550KW

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	40	80	120	170	200	235	270
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	667	1333	2000	2833	3333	3917	4500
100WQ120-50-37	37	50	58	270	4	495	1450/4P	35	H(m)	58	56	53.5	49.5	37.5	26.5	14	2
100WQ100-57-45	45	60	69	270	4	510	1450/4P	35		69	65	60	54.5	46	35.5	20	3.5
100WQ100-65-55	55	75	75.5	235	4	609	1450/4P	35		75.5	71	67	62	52.5	40	3.5	/
100WQ120-75-75	75	100	84	270	4	700	1450/4P	35		84	82	79.5	75	65	44	21	3.5
100WQ120-85-90	90	125	94.5	270	4	720	1450/4P	35		94.5	92	90	86	74	47	23.5	4.5
100WQ100-100-110	110	150	105	250	4	850	1450/4P	35		105	103	101	96	80	50	18	/

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	60	120	180	235	310	370	400	500	600
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	1000	2000	3000	3917	5167	6168	6667	8333	10000
150WQ200-30-37	37	50	41.5	370	6	488	1450/4P	40	H(m)	41.5	38	35.5	31	26.5	18.5	4.5	/	/	/
150WQ200-40-45	45	60	52	340	6	515	1450/4P	45		52	49	45	41	33.5	10	/	/	/	/
150WQ200-50-55	55	75	65.5	310	6	572	1450/4P	35		65.5	61.5	57	52	47	2.5	/	/	/	/
150WQ200-60-75	75	100	71.5	370	6	752	1450/4P	40		71.5	69	64.5	60.5	55	42	2.5	/	/	/
150WQ200-70-90	90	125	83	400	6	812	1450/4P	35		83	79	76.5	72.5	67.5	59.5	16	3	/	/
150WQ180-80-110	110	150	90	370	6	860	1450/4P	35		90	87	84	80	75	65	7	/	/	/
150WQ200-90-132	110	150	100	500	6	920	1450/4P	35		100	96	93.5	92	86	80	70	62	8	/
150WQ200-100-160	160	220	110	700	6	1000	1450/4P	35		110	106	103	101	98	90	82	78	60	35
150WQ200-110-185	185	250	130	700	6	1100	1450/4P	35		130	125	119.5	112.5	106	99	93	89	70	40

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	50	100	150	200	250	300	350	400	443	467	480
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	833	1667	2500	3333	4167	5000	5833	6667	7383	7783	8000
200WQ350-25-37	37	50	38.5	480	8	515	1450/4P	50	H(m)	38.5	37	35.5	33.5	32	30	28	25	21	17	14	4
200WQ300-32-45	45	60	43	443	8	559	1450/4P	50		43	41	39	37	35.5	33.5	31	26	18	3	/	/
200WQ300-40-55	55	75	53	467	8	605	1450/4P	40		53	50.5	48.5	46.5	44.5	42.5	40	37	33.5	21	3.5	/

GREEN Water Solution

INDUSTRY MUNICIPAL IRRIGATION

37-550KW

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	100	200	300	400	480	550	610	670	710
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	1667	3333	5000	6667	8000	9167	10167	11167	11833
200WQ350-45-75	75	100	60.5	510	8	785	1450/4P	50	H(m)	60.5	58	53.5	49	43	17	/	/	/	/
200WQ400-50-90	90	125	70	480	8	845	1450/4P	40		70	66.5	62	56.5	51	4.5	/	/	/	/
200WQ300-65-110	110	150	79.5	510	8	900	1450/4P	40		79.5	76	70.5	66	58.5	15.5	/	/	/	/
200WQ450-70-132	132	180	89	550	8	950	1450/4P	70		89	88	84.5	80	75	65	6	/	/	/
200WQ400-85-160	160	220	105	480	8	1000	1450/4P	65		105	102.5	99	94.5	86	3	/	/	/	/
200WQ400-90-185	185	250	106.5	710	8	1100	1450/4P	45		106.5	103	99	94.5	90	82	76	63	35.5	6

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	200	300	400	500	600	700	800	900	1000
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	3333	5000	6667	8333	10000	11667	13333	15000	16667
250WQ600-12-37	37	50	26	900	10	540	1450/4P	60	H(m)	26	19.5	20.5	17	14.5	12	9.5	5.5	2	/
250WQ600-15-45	45	60	31.5	1000	10	587	1450/4P	55		31.5	25	27	22.5	21	17.5	14	10	6	3
250WQ600-20-55	55	75	37	1080	10	636	1450/4P	55		37	28.5	31.5	26.5	24	22	18.5	15	11	6.5
250WQ600-25-75	75	100	41	700	10	826	1450/4P	50		41	35.5	37.5	32.5	29.5	25	5.5	/	/	/
250WQ600-30-90	90	125	46.5	1080	10	876	1450/4P	50		46.5	40.5	42.5	37.5	35.5	33.5	30.5	27	22.5	17
250WQ600-40-110	110	150	52	1160	10	968	1450/4P	45		52	44.5	47	43	40.5	39	36	33.5	30	25

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	200	300	400	500	600	700	800
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	3333	5000	6667	8333	10000	11667	13333
250WQ600-50-132	132	180	65	800	10	960	1450/4P	105	H(m)	65	61.5	59	57	55	52.5	47.5	2.5
250WQ600-60-160	160	220	73.5	810	10	1050	1450/4P	95		73.5	70	68	65.5	64	60.6	56	9
250WQ650-65-185	185	250	78	810	10	1150	1450/4P	70		78	73	72	70.5	69	65.5	62	25

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	200	400	600	800	1000	1200	1300
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	3333	6667	10000	13333	16667	20000	21671
300WQ800-9-37	37	50	25	1050	12	544	1450/4P	80	H(m)	25	23.5	18.5	14.5	9	3	/	/
300WQ800-12-45	45	60	32.5	1000	12	572	1450/4P	70		32.5	29	23.5	19	12	1.5	/	/
300WQ800-15-55	55	75	33	1100	12	614	1450/4P	60		33	31	26.5	21.5	15	5.5	/	/
300WQ800-20-75	75	100	38	1250	12	786	1450/4P	50		38	35	30.5	26.5	21.5	16	7.5	/
300WQ800-25-90	90	125	41	1250	12	864	1450/4P	55		41	36.5	33.5	29.5	26	19	9	3.5
300WQ800-30-110	110	150	43.5	1350	12	970	1450/4P	60		43.5	42.5	39	35.5	30	24.5	18	10
300WQ800-36-132	132	180	51.5	1200	12	1070	1450/4P	105		51.5	48	45.5	41	37	30.5	3.5	/
300WQ800-40-160	160	220	60	1200	12	1250	1450/4P	95		60	55.5	50.5	45	40	31.5	3.5	/
300WQ900-45-185	185	250	68	1200	12	1350	1450/4P	100		68	66	57.5	54.5	49.5	42	4	/
300WQ1000-45-200	200	275	70	1250	12	1450	1450/4P	95		70	66.5	62	56	50.5	45	7.5	/
300WQ1000-50-250	250	340	75	1150	12	2000	1450/4P	100		75	72	65	63	58	50	/	/
300WQ1000-60-315	315	430	90	1350	12	2200	1450/4P	100		90	80	72	70	68	60	53.5	30

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	200	400	600	800	1000	1200	1300	1350
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	3333	6667	10000	13333	16667	20000	21667	22500
350WQ1100-5-30	30	40	13.5	1300	14	540	980/6P	85	H(m)	13.5	12.5	11.5	10	8	6	3.5	2	/
350WQ1000-6-37	37	50	21.5	1300	14	554	1450/4P	75		21.5	19	16	12.5	10	7	3	1.5	/
350WQ1100-6-37	37	50	18.5	1420	14	554	980/6P	90		18.5	15.5	13.5	12	10	7.5	5.5	4	3
350WQ1100-8-45	45	60	25.5	1350	14	622	1450/4P	80		25.5	22.5	19	16	12.5	9.5	5.5	3	1.5

SUBMERSIBLE SEWAGE& DRAINAGE PUMP

WQ-4P/6P SUBMERSIBLE CAST IRON SEWAGE PUMP

INDUSTRY MUNICIPAL IRRIGATION

37-550KW

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	400	600	800	1000	1200	1400	1600
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	6667	10000	13333	16667	20000	23333	26667
350WQ1000-10-55	55	75	28	1400	14	658	1450/4P	70	H(m)	28	21.5	18	15	10.5	6	2	/
350WQ1100-10-55	55	75	20.5	1500	14	670	980/6P	75		20.5	17	15	13.5	11.5	9	5.5	/
350WQ1000-15-75	75	100	37	1400	14	832	1450/4P	55		37	30	26	23	17	10	3	/
350WQ1300-12-75	75	100	30.5	1600	14	860	980/6P	80		30.5	24.5	22	20	17.5	14	10.5	4
350WQ1000-18-90	90	125	43.5	1500	14	916	1450/4P	55		43.5	34	29.5	25	18.5	13	5.5	/
350WQ1200-18-90	90	125	27.5	1800	14	950	980/6P	60		27.5	25	23.5	21.5	19.5	17.5	14.5	11

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	400	600	800	1000	1200	1450	1650	1850
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	6667	10000	13333	16667	20000	24167	27500	30833
350WQ1300-20-110	110	150	40	1650	14	1002	1450/4P	70	H(m)	40	34.5	32	28	24	20.5	14.5	3	/
350WQ1100-28-132	132	180	47	1650	14	1050	1450/4P	110		47	41	38	34.5	31	27	10	4	/
350WQ1000-33-160	160	220	45	1850	14	1150	1450/4P	100		45	39	37	36	33.5	31	22	15	4.5
350WQ1000-36-185	185	250	50	1850	14	1250	1450/4P	100		50	43	41	39.5	37	31.5	26	19	4

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	600	900	1200	1500	1900	2200	2500	2700
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	10000	15000	20000	25000	31667	36667	41667	45000
350WQ1600-15-110	110	150	21	2950	14	1000	980/6P	80	H(m)	21	20	19.5	18	16.5	13	11	8	6.5
350WQ1500-20-132	132	180	29.5	2950	14	1050	980/6P	100		29.5	26	24	22	19	14.5	11.5	8	5.5
350WQ1200-30-160	160	220	41.5	2500	14	1200	980/6P	100		41.5	37	33.5	30	26	19	13	3	/
350WQ1300-35-200	200	275	49	2700	14	1300	1450/4P	100		49	43	40	37	32	24	20	11	5
350WQ1500-36-250	250	340	60	1900	14	1350	1450/4P	105		60	49.5	43.5	39.5	35	5.5	/	/	/
350WQ1500-45-315	315	430	60	2950	14	2000	1450/4P	105		60	54	51	48	45	39	30	20	11

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	300	800	1200	1400	1500	1600	1700	1800	1900
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	5000	13333	20000	25000	25000	26667	28333	30000	31667
400WQ1200-6-37	37	50	20	1500	16	570	980/6P	95	H(m)	20	14	10	6	3	1.5	/	/	/	/
400WQ1400-6-45	45	60	20	1600	16	650	980/6P	95		20	19	15	10	6	4	1.5	/	/	/
400WQ1400-8-55	55	75	21.5	1600	16	720	980/6P	85		21.5	20.5	16	11	7.5	4	1.5	/	/	/
400WQ1200-10-75	75	100	36	1400	16	866	1450/4P	70		36	33	21	10	2.5	/	/	/	/	/
400WQ1500-10-75	75	100	25	1900	16	900	980/6P	85		25	22.5	18	14.5	11.5	10.5	9.5	7.5	6	4
400WQ1200-16-90	90	125	43	1500	16	926	1450/4P	60		43	37.5	26	16	8.5	4	/	/	/	/
400WQ1500-15-90	90	125	29	1800	16	940	980/6P	70		29	27	23	19.5	17	15	14	9	3	/
400WQ1500-17-110	110	150	42	1700	16	1038	1450/4P	80		42	37	30	23	19	17	14	6	/	/
400WQ1600-16-110	110	150	30	1900	16	1100	980/6P	85		30	28.5	24.5	21	18	17	16	13.5	11	4
400WQ1700-16-132	132	180	41	2100	16	1200	1450/4P	110		41	38	33	26	21	20	18	16	10	8

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	400	1200	1600	1800	2000	2600	3000
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	6667	20000	26667	30000	33333	43333	50000
400WQ2000-15-132	132	180	33	33	16	1250	980/6P	120	H(m)	33	30	24	22	17	15	4	/
400WQ1600-20-160	160	220	42.5	42.5	16	1350	1450/4P	110		42.5	36	27	20.5	10	/	/	/
400WQ1600-22-160	160	220	31.5	31.5	16	1360	980/6P	110		31.5	29	26.5	23	21	19	11.5	7.5
400WQ1600-25-185	185	250	49.5	49.5	16	1460	1450/4P	110		49.5	45	30.5	26	14	/	/	/
400WQ2000-20-185	185	250	34.5	34.5	16	1500	980/6P	115		34.5	32	28	25	23	21	13	8.5

WQ-4P/6P SUBMERSIBLE CAST IRON SEWAGE PUMP

37-550KW

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	200	400	1000	1500	2000	2300	2800
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	3333	6667	16667	25000	33333	38333	46667
400WQ1500-30-200	200	275	47	1900	16	1600	1450/4P	105	H(m)	42	40	36	32	30	22	20	13
400WQ2200-22-200	200	275	37.5	3150	16	1650	980/6P	125		40	38	36	32	28	24	20	12
400WQ1500-35-250	250	340	54	1900	16	2050	1450/4P	110		56	54	52	44	40	29	15	6
400WQ2000-26-250	250	340	40	2800	16	2100	980/6P	105		38	37	31	28	26	24	18	6
400WQ2000-36-315	315	430	50	4500	16	2300	1450/4P	110		50	47	44	41	38	36	33	30

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	500	1000	1500	2000	2200	2400	3000
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	8333	16667	25000	33333	36667	40000	50000
500WQ2200-5-55	55	75	20	2450	20	770	980/6P	90	H(m)	20	16	13	9	6	5	3	/
500WQ2000-8-75	75	100	20	2450	20	920	980/6P	95		20	16.5	14	11	8	6	4	/
500WQ2700-6-75	75	100	18	3800	20	940	740/8P	105		18	16	15	13	11	10	8	5
500WQ2000-10-90	90	125	23	2750	20	1000	980/6P	100		23	20	15	13	10	8	5.5	/
500WQ2500-8-90	90	125	15	3500	20	1100	740/8P	115		15	14	12.5	11.5	10.5	9.5	8.5	6
500WQ2000-12-110	110	150	25	2600	20	1150	980/6P	95		25	22	17	15	12	9	7	/
500WQ2500-10-110	110	150	25	3000	20	1200	740/8P	105		25	22	19	16	13	12	11	4

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	800	1500	2000	2400	2800	3300	3800	4300
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	13333	25000	33333	40000	46667	55000	63333	71667
500WQ2600-10-132	132	180	28	3600	20	1300	980/6P	120	H(m)	28	25	20	16.5	13.5	9	3.5	/	/
500WQ2600-13-132	132	180	17	4300	20	1350	740/8P	115		17	16	14	13	12.5	11.5	10.5	8	4
500WQ2400-15-160	160	220	32	3300	20	1400	980/6P	130		32	28	22	17	14	9	1.5	/	/
500WQ2600-16-160	160	220	23	3700	20	1450	740/8P	145		23	21	19.5	17.5	16	13	8	/	/
500WQ2800-15-185	185	250	30	3800	20	1500	980/6P	130		30	26	24	20	18	15	10.5	2.5	/
500WQ3000-15-185	185	250	27	4100	20	1600	740/8P	130		27	25	22	20	18	15	10.5	6.5	/
500WQ3600-15-200	200	275	26	4800	20	1800	980/6P	145		26	24	22	21	19	18	16	13.5	9

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	1000	2000	3000	4000	5000	6000
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	16667	33333	50000	66667	83333	10000
500WQ3000-21-250	250	340	38	4000	20	2200	980/6P	135	H(m)	38	31	24	19	2.5	/	/
500WQ3500-25-315	315	430	36	4450	20	2400	980/6P	140		36	33	30	25	13	/	/
500WQ3000-35-400	400	536	50	6000	20	2600	980/6P	130		50	43	39	35	29	20	8
500WQ4000-32-550	550	750	45	6400	20	2800	980/6P	130		45	41	38	36	32	24	12

WQ-4P/6P SUBMERSIBLE CAST IRON SEWAGE PUMP

INDUSTRY MUNICIPAL IRRIGATION

37-550KW

Model	Power		Max head	Max.flow	Size	N/W	Speed	Solids Passage	Q (m³/h)	0	1000	2000	3000	4000	5000	6000	7000
	kW	HP	m	m³/h	inch	kg		mm	Q (L/min)	0	16667	33333	50000	66667	83333	100000	116667
600WQ3000-6-90	90	125	10	4200	24	1200	740/8P	120		10	8	7	6	4	/	/	/
600WQ3200-7-110	110	150	12	4500	24	1300	980/6P	105		12	9.5	8.5	7.5	5.5	/	/	/
600WQ3000-8-132	132	180	20	4100	24	1400	980/6P	115		20	16	13	8.5	4	/	/	/
600WQ3500-8-132	132	180	18	4100	24	1450	740/8P	120		18	16.5	12.5	9	2.5	/	/	/
600WQ3500-10-160	160	220	26	3600	24	1500	980/6P	145		26	20	16	11	/	/	/	/
600WQ3600-10-160	160	220	25	4200	24	1550	740/8P	150	H(m)	25	21	16	12	6	/	/	/
600WQ3500-12-185	185	250	27	4000	24	1700	980/6P	140		27	23	19	14	2	/	/	/
600WQ4000-10-200	200	275	27.5	4500	24	1900	980/6P	150		27.5	25	21	16.5	9	/	/	/
600WQ4000-18-250	250	340	28	6000	24	2300	980/6P	145		28	26	22	20	18	13	5	/
600WQ4500-20-315	315	430	30	6300	24	2500	980/6P	150		30	28	26.5	24.5	22	18	10	/
600WQ5000-22-400	400	536	35	7000	24	2800	980/6P	140		35	32	30	28	25	21	13	2
600WQ5500-25-550	550	750	45	7700	24	3000	980/6P	140		45	41	37	35	31	26	18	8

WQK SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

The WQK series pump which are made of cast iron casing and equipped with cutting impeller. Is a submersible cutter pump designed for handling raw sewage, waste-water, and heavy-duty industrial applications.
These pumps have been used to drain sewage and waste-water from buildings and kitchens, and to transfer sewage and waste-water in water treatment facilities of factories and commercial complexes.
The pump is subject to clogging from oversize material. Single or two sintered tungsten carbide alloy serrated edges are combine onto the impeller vane. This mechanical cuts incoming fibrous material into pieces, permitting smooth passage of fibrous material during suction. Ensuring excellent durability and enabling the pump to maintain high performance for an extended period.

Flow rate up to 800 L/min (48 m³/h)

Head up to 29.5 m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Cutter impeller in carbide alloy
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max.head	Max.flow	Size	N/W	Speed	Q (m³/h)	0	9	18	27	36	45	54
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	150	300	450	600	750	900
WQK15-7-1.1	1.1	1.5	11.5	24	2	25.7	2900/2P		11.5	9.2	6	/	/	/	/
WQK26-7-1.5	1.5	2	14	28.2	2	33.4	2900/2P		14	11.5	9.5	7	/	/	/
WQK30-7-2.2	2.2	3	16	30	2	37.6	2900/2P		16	15	13	11	8	/	/
WQK30-10-3	3	4	20.5	43.2	3	48.4	2900/2P	H(m)	20.5	18	15.5	13.5	10.5	/	/
WQK40-10-4	4	5	23	45.6	3	67	2900/2P		23	20	18	16	13.5	9	/
WQK55-10-5.5	5.5	7.5	29.5	48	3	76.2	2900/2P		29.5	27	25.5	23.5	21	17.7	13

WQK-L2 SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

The WQK series pump which are made of cast iron casing and equipped with cutting impeller. Is a submersible cutter pump designed for handling raw sewage, waste-water, and heavy-duty industrial applications.
These pumps have been used to drain sewage and waste-water from buildings and kitchens, and to transfer sewage and waste-water in water treatment facilities of factories and commercial complexes.
The pump is subject to clogging from oversize material. Single or two sintered tungsten carbide alloy serrated edges are combine onto the impeller vane. This mechanical cuts incoming fibrous material into pieces, permitting smooth passage of fibrous material during suction. Ensuring excellent durability and enabling the pump to maintain high performance for an extended period.

Flow rate up to 7666.7 L/min (460 m³/h)

Head up to 80 m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Cutter impeller in carbide alloy
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max.head	Max.flow	Size	N/W	Speed	Q (m³/h)	0	3	10	12	15	17	19	25	30	35	40	45	50
	kW	HP	m	m³/h	mm	kg		Q (L/min)	0	50	167	200	250	283	317	417	500	583	667	750	833
WQK10-10-0.75L2	0.75	1	14	17	2	18	2900/2P		14	13	9.5	7	5	3	/	/	/	/	/	/	/
WQK10-12-1.1L2	1.1	1.5	16	19	2	19.1	2900/2P		16	15	11	10	7.5	5.5	3.5	/	/	/	/	/	/
WQK12-15-1.5L2	1.5	2	20.5	35	2	30	2900/2P	H(m)	20.5	20	15.5	15	14.5	14	13.5	12	10.5	8.5	/	/	/
WQK10-20-2.2L2	2.2	3	22.5	40	2	33.3	2900/2P		22.5	21	19.5	19	18.5	18	17	15	13	11	/	/	/
WQK15-20-3L2	3	4	25.5	45	2	36.8	2900/2P		25.5	24	23	22	20.5	20	19	17.5	15.5	14.5	12	7	/
WQK15-25-4L2	4	5.5	32	50	2	40	2900/2P		32	30	28	27.5	27	26	25	23	20	16.5	13.5	8.5	3

Model	Power		Max.head	Max.flow	Size	N/W	Speed	Q (m³/h)	0	10	25	30	36	40	45	50
	kW	HP	m	m³/h	mm	kg		Q (L/min)	0	167	417	500	600	667	750	833
WQK25-55-11L2	11	15	62	36	2	246	2900/2P		62	59	50	30	8	/	/	/
WQK30-50-15L2	15	20	80	50	2	251	2900/2P	H(m)	80	77	66.5	50	53	47	39	5

Model	Power		Max.head	Max.flow	Size	N/W	Speed	Q (m³/h)	0	5	15	20	25	26	30	35	40	50	65	75	80	90	100
	kW	HP	m	m³/h	mm	kg		Q (L/min)	0	83	250	333	417	433	500	583	667	833	1083	1250	1333	1500	1667
WQK20-10-1.5L2	1.5	2	18	35	2.5	30	2900/2P		18	16	12	9.5	7	6.5	4	2.5	/	/	/	/	/	/	/
WQK25-15-2.2L2	2.2	3	23	50	2.5	34	2900/2P		23	21.5	18.5	17.5	15.5	15	13.5	12.5	9	6	/	/	/	/	/
WQK35-15-3L2	3	4	24.5	50	2.5	37.7	2900/2P	H(m)	24.5	23	20	18	16.5	16	15	14	10	7	/	/	/	/	/
WQK26-22-4L2	4	5.5	28	75	2.5	43	2900/2P		28	25	24	23	22.5	22	20	17.5	15.5	13.5	10	7	/	/	/
WQK30-25-5.5L2	5.5	7.5	32	80	2.5	55	2900/2P		32	31	28	26	25	24.5	24	23	21.5	20	16	12.5	7	/	/
WQK20-30-7.5L2	7.5	10	33	100	2.5	60.7	2900/2P		33	32	31	29.5	28	26	25	24	22.5	21	18	15.5	13	9	4

Model	Power		Max.head	Max.flow	Size	N/W	Speed	Q (m³/h)	0	5	15	20	35	40	45	50	55	72	78	88	100	110
	kW	HP	m	m³/h	mm	kg		Q (L/min)	0	83	250	333	583	667	750	833	917	1200	1300	1467	1667	1833
WQK35-10-2.2L2	2.2	3	23	50	3	35.8	2900/2P		23	21.5	18.5	16.5	11	9	7.5	4	/	/	/	/	/	/
WQK40-12-3L2	3	4	24	55	3	38	2900/2P		24	22.5	19	18	14	12	10	8	6	/	/	/	/	/
WQK45-17-4L2	4	5.5	29	78	3	44.4	2900/2P	H(m)	29	28	25	24	20	19	17	16	15	9	6	/	/	/
WQK45-20-5.5L2	5.5	7.5	31	88	3	52.9	2900/2P		31	29	28	25	23	21	20	18	17	12	8	5	/	/
WQK50-22-7.5L2	7.5	10	34.5	110	3	63	2900/2P		34.5	31	30	28	26	24	23	22	20.5	17	16	14	11	8

WQK-L2 SUBMERSIBLE CAST IRON SEWAGE PUMP

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	20	40	50	60	65	80	94	100	122	126
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	333	667	833	1000	1083	1333	1567	1667	2033	2100
WQK50-30-11L2	11	15	42	94	3	248	2900/2P	H(m)	42	38	33.5	30.5	28.5	27	22	6.5	/	/	/
WQK60-40-15L2	15	20	55	94	3	253	2900/2P		55	50	45	43	41	40	35	8	/	/	/
WQK65-45-18.5L2	18.5	25	62	126	3	278	2900/2P		62	57.5	53	51.5	49.5	48.5	46	40.5	38.5	15	4
WQK60-50-22L2	22	30	70	126	3	298	2900/2P		70	65.5	60	58	55	54	52	47	43	13	2

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	15	30	45	50	60	65	80	100	110	120
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	250	500	750	833	1000	1083	1333	1667	1833	2000
WQK65-12-4L2	4	5.5	25.5	80	4	45	2900/2P	H(m)	25.5	21	18.5	15.5	14.5	12.5	10	5	/	/	/
WQK65-15-5.5L2	5.5	7.5	30	100	4	54.8	2900/2P		30	27	25	22	21.5	19	15	14	9	/	/
WQK100-15-7.5L2	7.5	10	33.5	117	4	61.9	2900/2P		33.5	31	28	26	23	20.5	18	16.5	15	8	4.5

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	20	40	60	80	100	110	115	124	140	170	180
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	333	667	1000	1333	1667	1833	2000	2067	2333	2833	3000
WQK80-25-11L2	11	15	44	44	4	255	2900/2P	H(m)	44	39.5	34.5	31.5	28	23.5	22	21	20	15.5	7	/
WQK100-30-15L2	15	20	45.5	45.5	4	178	2900/2P		45.5	42	39.5	36	33	28	26	25	23.5	20	11	4
WQK80-40-18.5L2	18.5	25	55	55	4	283	2900/2P		55	52	49	46	40	35	30	20	12	/	/	/
WQK80-45-22L2	22	30	66.5	66.5	4	308	2900/2P		66.5	62	58	53	45	38	32	23	5.5	/	/	/

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	20	40	60	80	100	120	140	149	167
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	333	667	1000	1333	1667	2000	2400	2483	2783
WQK120-10-7.5L2	7.5	10	32.5	140	6	66.8	2900/2P	H(m)	32.5	30.5	23	19.5	15.5	14	10	3	/	/
WQK100-36-18.5L2	18.5	25	49	167	6	278	2900/2P		49	46.5	43.5	40.5	38.5	36	32.5	21.5	18.5	2.5
WQK100-40-22L2	22	30	53	167	6	298	2900/2P		53	49	46.5	45	43	40	37	24	22	2

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	15	30	45	50	60	65	80	100	110	120	140	160
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	250	500	750	833	1000	1083	1333	1667	1833	2000	2333	2667
WQK80-25-11L2	11	15	40.5	140	4	255	1450/2P	H(m)	40.5	37	35.5	32	31.5	27.5	25	23	18	15	12	5	/
WQK80-28-15L2	15	20	47.5	160	4	178	1450/2P		47.5	44	41	38	37	34.5	32	29	25	22	18	12	3

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	50	100	120	140	150	200	205	215	250	300	350	400	450
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	834	1667	2000	2333	2501	3333	3417	3583	4168	5000	5833	6667	7500
WQK150-15-11L2	11	15	24.5	250	6	253	1450/2P	H(m)	24.5	21	18.5	16	15	14.5	10	9.5	8	4.5	/	/	/	/
WQK200-15-15L2	15	20	28	200	6	258	1450/2P		28	25	21	20.5	20	19	16.5	15.5	15	13.5	10	6	/	/
WQK250-15-18.5L2	18.5	25	30.5	450	6	278	1450/2P		30.5	27	24.5	23.5	22.5	22	20	19.5	19	17.5	14	11	7.5	2.5
WQK300-15-22L2	22	30	31.5	450	6	298	1450/2P		31.5	28	26	25	24	23	21	20	19.5	18.5	15	12	8	2

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	50	100	150	200	250	300	350	400	420	460
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	833	1667	2500	3333	4167	5000	5833	6667	7000	7667
WQK300-12-18.5L2	18.5	25	27	420	8	283	1450/2P	H(m)	40.5	24	35.5	19	17	14.5	12	8	4	3	/
WQK400-10-22L2	22	30	29	460	8	305	1450/2P		47.5	28	41	22.5	20	17.5	15	12	10	6.5	3.5

WQK-L3 SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

The WQK series pump which are made of cast iron casing and equipped with cutting impeller. Is a submersible cutter pump designed for handling raw sewage, waste-water, and heavy-duty industrial applications.
These pumps have been used to drain sewage and waste-water from buildings and kitchens, and to transfer sewage and waste-water in water treatment facilities of factories and commercial complexes.
The pump is subject to clogging from oversize material. Single or two sintered tungsten carbide alloy serrated edges are combine onto the impeller vane. This mechanical cuts incoming fibrous material into pieces, permitting smooth passage of fibrous material during suction. Ensuring excellent durability and enabling the pump to maintain high performance for an extended period.

Flow rate up to **11833 L/min (1130m³/h)** Head up to **87m**

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Cutter impeller in carbide alloy
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.


WQK-L3 5.5-22KW


WQK-L3 11-18 kW


WQK-L3 18.5-30KW


WQK-L3 37-150KW

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	20	40	60	80	100	120	140	160	180
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	333	667	1000	1333	1667	2000	2333	2667	3000
WQK80-13-5.5L3	5.5	7.5	19	100	3	115	1450/4P	H(m)	20	18	16	14	12	6	/	/	/	/
WQK80-15-7.5L3	7.5	10	22	100	3	124	1450/4P		22	21	19	16	13	9	3	/	/	/
WQK80-22-11L3	11	15	29	160	3	250	1450/4P		29	28	26	24	21	16.5	12	7	2	/
WQK80-30-15L3	15	20	32.5	160	3	255	1450/4P		32.5	31.5	29.5	27	23.5	19.5	15	10	4	/
WQK80-40-18.5L3	18.5	25	42	160	3	280	1450/4P		42	39	36	33.5	29	25	20	14.5	7	/
WQK80-45-22L3	22	30	43.5	200	3	300	1450/4P		43.5	42	39.5	36	33	28.5	24	19.5	14.5	9.5

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	20	40	60	80	100	110	130	140	160	190	200
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	333	667	1000	1333	1667	1833	2167	2333	2667	3167	3333
WQK100-10-5.5L3	5.5	7.5	16	130	4	120	1450/4P	H(m)	16	15	13	12	10	9	7	4.5	/	/	/	/
WQK100-15-7.5L3	7.5	10	20	140	4	128	1450/4P		20	19	18	17	15.5	14.5	12	10	7	/	/	/
WQK100-20-11L3	11	15	26.5	160	4	257	1450/4P		26.5	25.5	24	22.5	20.5	19	15	11	8	5	/	/
WQK100-25-15L3	15	20	33.5	190	4	180	1450/4P		33.5	31	30	28	25.5	24	22	19.5	17	14	8	/
WQK100-30-18.5L3	18.5	25	36.5	210	4	285	1450/4P		36.5	35	33.5	31.5	29	28	26	22.5	21	18.5	13	9

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	40	80	120	160	200	240	280	320	360
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	667	1333	2000	2667	3333	4000	4667	5333	6000
WQK100-35-22L3	22	30	44	240	4	310	1450/4P	H(m)	44	38	33.5	29	23.5	16	6	/	/	/
WQK120-40-30L3	30	40	52	300	4	335	1450/4P		52	48	43.5	40	35	28	20	10	/	/
WQK120-45-37L3	37	50	55	320	4	490	1450/4P		55	52	48.5	45	39	32.5	25	16	6	/
WQK100-55-45L3	45	60	62	340	4	515	1450/4P		62	59	56.5	53	49	42.5	35	26	14	/
WQK100-65-55L3	55	75	69	360	4	600	1450/4P		69	67	65	60.5	56	50.5	42.5	34	24	7

WQK-L3 SUBMERSIBLE CAST IRON SEWAGE PUMP

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	50	100	150	200	250	300	350	400	450	500	550
								Q (L/min)	0	833	1667	2500	3333	4167	5000	5833	6667	7500	8333	9167
WQK150-7-5.5L3	5.5	7.5	13.5	220	6	125	1450/4P	H(m)	13.5	11.5	9.5	6.5	4	/	/	/	/	/	/	/
WQK145-9-7.5L3	7.5	10	15.5	220	6	131	1450/4P		15.5	13.5	11.5	8.5	5	/	/	/	/	/	/	/
WQK180-11-11L3	11	15	24.5	250	6	255	1450/4P		24.5	21	18.5	14	8	4.5	/	/	/	/	/	/
WQK200-15-15L3	15	20	28	200	6	260	1450/4P		28	25	21	19	16.5	14	10	6	/	/	/	/
WQK180-20-18.5L3	18.5	25	30.5	450	6	280	1450/4P		30.5	27	24.5	22	19.5	17.5	14	11	7.5	2.5	/	/
WQK200-22-22L3	22	30	31	400	6	300	1450/4P		31	27.5	25	22.5	21	17.5	14	8.5	4	/	/	/
WQK180-25-30L3	30	40	35.5	450	6	400	1450/4P		35.5	32.5	30	28.5	27	26	25	20	17	13	9	4

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	50	100	180	200	250	300	350	400	450	480	500	520
								Q (L/min)	0	833	1667	3000	3333	4167	5000	5833	6667	7500	8000	8333	8667
WQK200-35-37L3	37	50	42	480	6	500	1450/4P	H(m)	42	39	37	36	34	29	25	22	18	13	5	/	/
WQK200-40-45L3	45	60	46	520	6	520	1450/4P		46	45	43.5	42	40	36	32	28	23	18	13	8	4
WQK180-45-55L3	55	75	49	550	6	620	1450/4P		49	47	46	44	39	34	30	25	20	15	12	6	/
WQK200-60-75L3	75	100	68	520	6	710	1450/4P		68	66.5	64	62	60	55	52	47	40	27	15	5	4
WQK200-70-90L3	90	120	73	550	6	750	1450/4P		73	72	71	69	67	63	60	57	45	35	16	7	/
WQK180-75-110L3	110	150	87	550	6	880	1450/4P		87	81	78	75	72	67.5	62	52	42	26	15	5	/

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	50	100	150	200	250	300	350	400	450	475
								Q (L/min)	0	833	1667	2500	3333	4167	5000	5833	6667	7500	7917
WQK250-6-7.5L3	7.5	10	15.5	300	8	140	1450/4P	H(m)	15.5	14	12	10	8.5	6.5	3	/	/	/	/
WQK300-7-11L3	11	15	21.5	350	8	265	1450/4P		21.5	19.5	17	14.5	12	9	6	2.5	/	/	/
WQK250-11-15L3	15	20	24	350	8	275	1450/4P		24	21	19	17	14.5	12	9	5	/	/	/
WQK250-15-18.5L3	18.5	25	27	400	8	285	1450/4P		27	24	21.5	19	17	15	12	8	4	/	/
WQK400-10-22L3	22	30	29	450	8	307	1450/4P		29	26	24	22.5	20	17.5	15	12	8	4	/
WQK250-22-30L3	30	40	33.5	475	8	410	1450/4P		33.5	31.5	29.5	28	26	24	21.5	18	13.5	8	5

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	100	200	300	400	500	520	550	600	620	640	700	720
								Q (L/min)	0	1667	3333	5000	6667	8333	8667	9167	10000	10333	10667	11667	12000
WQK300-28-37L3	37	50	35.5	520	8	520	1450/4P	H(m)	35.5	31	28	22	17	7	3.5	/	/	/	/	/	/
WQK400-25-45L3	45	60	41.5	550	8	535	1450/4P		41.5	37	34	29.5	24	18.5	12	5	/	/	/	/	/
WQK400-30-55L3	55	75	44.5	600	8	650	1450/4P		44.5	41.5	37.5	33.5	29	23	20	17.5	5	/	/	/	/
WQK350-45-75L3	75	100	55	620	8	750	1450/4P		55	52	48.5	45	41	32	29	23	15	5.5	/	/	/
WQK400-50-90L3	90	150	60	620	8	775	1450/4P		60	57	55	52	48	35	33	30	20	6	/	/	/
WQK300-60-110L3	110	150	67	720	8	900	1450/4P		67	63	59	55	49	45.5	44	40	34	29.5	25	12	5

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	100	200	300	400	500	550	600	630	700	770
								Q (L/min)	0	1667	3333	5000	6667	8333	9167	10000	10500	11667	12833
WQK400-5-11L3	11	15	14	500	10	270	1450/4P	H(m)	14	12	10	7.5	5	2	/	/	/	/	/
WQK500-5-15L3	15	20	18	550	10	290	1450/4P		18	16.5	14	12	9	5	2.5	/	/	/	/
WQK500-7-18.5L3	18.5	25	22	630	10	290	1450/4P		22	17	14	12	9.5	6.5	5	3.5	2	/	/
WQK500-9-22L3	22	30	23	700	10	310	1450/4P		23	21	17.5	14.5	12	9	7	6	4	2	/
WQK500-12-30L3	30	40	25	770	10	450	1450/4P		25	23.5	21.5	17	14	12	10	9	7	6	4

WQK-L3 SUBMERSIBLE CAST IRON SEWAGE PUMP

11-18KW

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	100	200	300	400	500	600	700	800	900	950	970	1040	1100	1130
								Q (L/min)	0	1667	3333	5000	6667	8333	10000	11667	13333	15000	15833	16167	17333	18333	18833
WQK600-12-37L3	37	50	29	900	10	570	1450/4P	H(m)	29	26.5	24	21.5	18.5	16.5	13	10	6.5	3	/	/	/	/	/
WQK600-15-45L3	45	60	31.5	950	10	580	1450/4P		31.5	28	26	24	21	17.5	14.5	11.5	8	5	3	/	/	/	/
WQK600-20-55L3	55	75	36	970	10	660	1450/4P		36	35.5	30	27	23	20	17.5	15	11	8	5	3	/	/	/
WQK600-25-75L3	75	100	41.5	1040	10	800	1450/4P		41.5	38.5	36.5	33.5	30	27	25	21.5	19.5	17	14	11.5	3	/	/
WQK600-30-90L3	90	125	44.5	1040	10	820	1450/4P		44.5	42	39	36.5	33	30.5	28.5	25.5	22	17.5	15	12	3	/	/
WQK600-40-110L3	110	150	47	1130	10	1000	1450/4P		47	44	42.5	41	40	38	37	35	31.5	28	26	23	19.5	15	4

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	100	200	300	400	500	600	650	700	800	900	930
								Q (L/min)	0	1667	3333	5000	6667	8333	10000	10833	11667	13333	15000	15500
WQK650-5-18.5L3	18.5	25	20	600	12	295	1450/4P	H(m)	20	17	14	11	8.5	6	5	4	2	/	/	/
WQK650-7-22L3	22	30	24	700	12	330	1450/4P		24	23	21	16	14	11	8	7	3	/	/	/
WQK800-7-30L3	30	40	27	900	12	470	1450/4P		27	25	23	18	16	12	9	8.5	7	6	1.5	/
WQK800-9-37L3	37	50	30	930	12	620	1450/4P		30	27	24	20	16.5	13.5	11	10.5	8.5	8	5.5	1.5

Model	Power kW	Power HP	Max. head m	Max. flow m³/h	Size Inch	N/W kg	Speed	Q (m³/h)	0	100	200	300	400	500	600	650	700	800	900	950	1020	1050	1100
								Q (L/min)	0	1667	3333	5000	6667	8333	10000	10833	11667	13333	15000	15833	17000	17500	18333
WQK800-12-45L3	45	60	31.5	1020	12	630	1450/4P	H(m)	31.5	29	26	24	20	18	15.5	14	13	11	7	4.5	1.5	/	/
WQK800-15-55L3	55	75	35	1050	12	700	1450/4P		35	32	28	26	23.5	21.5	19.5	18	16.5	14	11.5	9	7.5	3.5	/
WQK800-20-75L3	75	100	41.5	1020	12	850	1450/4P		41.5	38	36	33.5	30	27	24.5	23.5	23	19.5	16	12.5	3	/	/
WQK800-25-90L3	90	125	45	1100	12	900	1450/4P		45	40	38	35	33	31.5	28	27.5	26	24	20	16	14	9	5
WQK800-30-110L3	110	150	50.5	1100	12	1100	1450/4P		50.5	50	47.5	44	43.5	41	38.5	38	36	32	30.5	28	24	14	7

WQK-L4 SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

The WQK-L4 series of pump has different look, will look more concise. And the cable is setted on the side of the pump casing. It is made of cast iron casing and equipped with cutting impeller. Is a submersible cutter pump designed for handling raw sewage, waste-water, and heavy-duty industrial applications. These pumps have been used to drain sewage and waste-water from buildings and kitchens, and to transfer sewage and waste-water in water treatment facilities of factories and commercial complexes. The pump is subject to clogging from oversize material. Single or two sintered tungsten carbide alloy serrated edges are combine onto the impeller vane. This mechanical cuts incoming fibrous material into pieces, permitting smooth passage of fibrous material during suction. Ensuring excellent durability and enabling the pump to maintain high performance for an extended period.

Flow rate up to 2254.5 L/min (135m³/h)

Head up to 45m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron/ stainless steel
Impeller: Cutter impeller in carbide alloy
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

Model Single-phase	Model Three-phase	Power kW	Power HP	Max. head m	Max. flow m³/h	Size mm	N/W kg	Speed	Q (m³/h)	0	2.5	5	7.5	10	12.5	15	17.5	20
									Q (L/min)	0	42	83	125	167	208	250	292	333
WQKm7-12-0.9L4	WQK7-12- 0.9L4	0.9	1.2	14	14.5	40	42.1	2900/2P	H(m)	14	13	12.5	11.5	8	6			
WQKm7-16-1.2L4	WQK7-16-1.2L4	1.2	1.6	25	16	40	42.1	2900/2P		25	20	19	16	14	11.5	8		
	WQK7-21-1.5L4	1.5	2	26	18	40	42.5	2900/2P		26	24	22.5	21	18	16	11.5	11	
	WQK7-26-2.6L4	2.6	3.5	32.5	21	40	59.5	2900/2P		32.5	31	28	27.5	25	22.5	20	17.5	14
	WQK8-31-3.1L4	3.1	4.2	39	21	40	62	2900/2P		39	37.5	29	27	25	22.5	20	17.5	12
	WQK10-38-4L4	4	5.5	45	20	40	65.3	2900/2P		45	42.5	41	38	37.5	35	32.5	22.5	17.5

WQAS-CB SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

This series of pumps, manufactured from heavy gauge robust cast iron, resistant to abrasion and long lasting, are fitted with a VORTEX impeller and therefore suitable for drainage of re-fluent water, water mixed with mud, liquids containing air or gas, and putrid muds. They are recommended for fixed installations, when placed in suitable wells, in sewers, tunnels, wells, underground car parks, etc.

Flow rate up to 2054 L/min (123m³/h)

Head up to 31 m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Cast iron
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	5	10	15	20	25	30
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	83	167	250	333	417	500
WQAS10-7-0.75CB	0.75	1	11	20	2	33	2950/2P	H(m)	11	9	7	5.5	4		
WQAS15-9-1.1CB	1.1	1.5	13	25	2	35	2950/2P		13	12	10.5	9	7	5	
WQAS25-7-1.5CB	1.5	2	14	33	2	44	2950/2P		14	12.5	11	9.5	8.5	7	6.5
WQAS25-10-2.2CB	2.2	3	16	33	2	50	2950/2P		16	15	14	12.5	11.5	10	8

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	10	20	30	40	50	60	70	80
	kW	HP	m	m³/h	Inch	kg		Q (L/min)	0	167	333	500	667	833	1000	1167	1333
WQAS42-11-3CB	3	4	20	73	3	73	2950/2P	H(m)	20	18	16	14	12	10	8.5		
WQAS50-10-4CB	4	5.5	21	77	3	75	2950/2P		21	18.5	16	14	12	10	9	7.5	
WQAS65-12-5.5CB	5.5	7.5	23	99	4	116	2950/2P		23	21	20	18	16	14.5	13	11	9
WQAS85-13-7.5CB	7.5	10	31	123	4	125	2950/2P		31	28	26.5	23	21	18.5	17	14	12

WQD SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

The WQD series pumps are basic submersible sewage pumps with channel impellers. There is a wide product lineup that can be easily installed in combination with auto-coupling rail systems or use free-standing with a flexible hose or flange connection. With excellent reliability and durability, the pump must be completely submerged in water when working. It can run continuously for a long time. Therefore, they contribute to stable equipment operation in pumping stations and water treatment plants, and help greatly reduce maintenance costs.
These pumps have been actively used in many water treatment plants, pumping stations, flood control facilities and water parks. When manufactured according to GREEN's unique seawater-resistant specifications, these pumps can be reliably used to draw seawater from shipyards and power plants. In short, the WQ series reflects our years of experience and expertise, so it can be applied to various fields and applications.

Flow rate up to 367L/min (22 m³/h)

Head up to 19.5 m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Channel impeller in cast iron
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic - graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max. head	Max. flow	Size	N/W	Speed	Q (m³/h)	0	4	8	10	14	18	20
	kW	HP	m	m³/h	Inch	kg	r/min	Q (L/min)	0	67	133	167	233	300	333
WQD6-12-0.55L3	0.55	0.75	16	16	2	19	2900/2P	H(m)	16	14.5	13	12	10	/	/
WQD6-16-0.75L3	0.75	1	19.5	18	2	20	2900/2P		19.5	18	16	15.3	14	9	/
WQD10-10-0.75L3	0.75	1	18	18	2	20.5	2900/2P		18	17	15	14	12	7.5	/
WQD7-15-1.1L3	1.1	1.5	18	22	2	28	2900/2P		18	16.5	15	14	11.5	8	6
WQD15-9-1.1L3	1.1	1.5	19.5	18	2	29	2900/2P		19.5	17.5	15.5	14.7	13	8	/

VS SUBMERSIBLE CAST IRON SEWAGE PUMP

Installation And Use

This series pumps are basic submersible sewage pumps in chromeplate. Can equipped with float. With excellent reliability and durability, the pump must be completely submerged in water when working. It can run continuously for a long time. Therefore, they contribute to stable equipment operation in pumping stations and water treatment plants, and help greatly reduce maintenance costs.
These pumps have been actively used in many water treatment plants, pumping stations, flood control facilities and water parks. When manufactured according to GREEN's unique seawater-resistant specifications, these pumps can be reliably used to draw seawater from shipyards and power plants. In short, the VS series reflects our years of experience and expertise, so it can be applied to various fields and applications.

Flow rate up to 241.7 L/min (14.5 m³/h)

Head up to 16 m

Application Limits

5 m maximum immersion depth
Liquid temperature +35 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Channel impeller in cast iron
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Ceramic-graphite or Sic to graphite
Electric Motor: Single-phase 230V-50Hz with condenser thermal overload protector built into the copper winding; Three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP X8.

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max. head	Max. flow	Size	G/W	N/W	Speed	Q (m³/h)	0	2	4	6	8	10	12
	kW	HP	m	m³/h	Inch	kg	kg	r/min	Q (L/min)	0	33	67	100	133	167	200
VS550F	0.55	0.75	10	10	2	15.5	14.8	2850	H(m)	10	9	8.5	8	7	5.5	
VS750F	0.75	1	14	13	2	16.3	15.6	2850		14	14	13	12.5	12	11	9
VS1100F	1	1.5	16	14.5	2	17	16.4	2850		16	15	14.5	14	13	11.5	10

SUBMERSIBLE SEWAGE & DRAINAGE PUMP

KTZ SLURRY PUMP

Installation And Use

As a result of their high efficiency and reliability they are suitable for draining clean waste water, sand water, solid particles (maximum diameter 10 mm, fiber- free), muddy water, suitable for residential applications and construction sites, and in case of accidental flooding.

Flow rate up to 2600 L/min (156 m³/h)

Head up to 56 m

Application Limits

Max water depth to 25 m.
Max liquid temperature up to + 35 °C
Max ambient temperature up to + 40 °C

Construction

Pump Body: Cast iron
Impeller: Semi-open in High chrome alloy
Motor Bracket: Cast iron
Motor Shaft: Stainless steel
Mechanical Seal: Carbon - sic or Sic - Sic
Electric Motor: Single- phase 230V- 50Hz with condenser thermal overload protector built into the copper winding; Three- phase 380/ 400V- 50Hz
Insulation: Class F
Protection: IP X8

INDUSTRY MUNICIPAL IRRIGATION

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	6	12	18	27	30	33	36	40	45	55	65
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	100	200	300	450	500	550	600	667	750	917	1084
KTZ21.5	1.5	2	22	27	2"	34.5		22	20	16	13	7							
KTZ22.2	2.2	3	26	33	2"	36		26	25	23	20	14	10	6					
KTZ23.7	3.7	5	34	33	2"	60		34	32	30	26	20	16	8					
KTZ31.5	1.5	2	14.5	40	3"	34.5	H(m)	14.5	14	13	11	9	8	6	5	4.5	2		
KTZ32.2	2.2	3	19	55	3"	36		19	18.5	18	16.5	14.5	14	12	12.1	11	10.5	4	
KTZ33.7	3.7	5	29	55	3"	60		29	27.5	26	24	21.5	20	19	18	17	15	7	
KTZ35.5	5.5	7.5	34	75	3"	77		34	33	32	30	28	27	26	26	25	24	18.5	13.5

Model	Power		Max head	Max.flow	Size	N/W	Q (m³/h)	0	20	40	60	70	84	90	105	125	147	156
	kW	HP	m	m³/h	Inch	kg	Q (L/min)	0	333	667	1000	1167	1400	1500	1750	2084	2450	2601
KTZ43.7	3.7	5	18.5	90	4"	61		18.5	17	14.5	11.5	9.5	6	4				
KTZ45.5	5.5	7.5	23	105	4"	78		23	22	19.5	16	13.5	10	8	3			
KTZ47.5	7.5	10	40	84	4"	105		40	38	33	23	16	2					
KTZ411	11	15	48.5	84	4"	130	H(m)	48.5	45.5	42	35	26	2					
KTZ415	15	20	56	84	4"	142		56	53.5	50.5	42.5	32.5	2					
KTZ67.5	7.5	10	31	125	6"	106		31	29	26.5	23	20.5	17	15	10	2		
KTZ611	11	15	32	147	6"	133		32	30.5	29.5	28	27.5	25.5	24.5	21	14.5	4	
KTZ615	15	20	40	156	6"	145		40	39	38	36.5	35.5	33.5	32.5	29	21	8.5	2

AUTO-COUPLING

Size

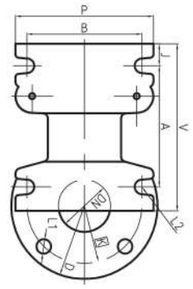
DN50, DN65, DN80, DN100, DN150, DN200, DN250, DN300, DN350, DN400, DN500, DN600.

Construction

Material: Cast iron

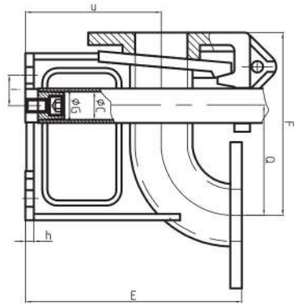
Installation And Use

The coupling device is generally used for sewage pumps and submersible sludge pumps. The basically configured as a base, a bracket, a support block (post), a washer, and guide rods and bolts are optional. Because the sewage pump is installed below the liquid level, the water quality is poor, and people cannot directly enter the sump for maintenance. The quick installation system of the pump interface to solve the maintenance problem is called automatic coupling system.
Fix the outlet pipe at the bottom of the sewage tank, install the supporting parts on the top of the tank, and use guide rails to automatically align the outlet of the pump with the outlet pipe. The unique design of the outlet connection ensures that there is no leakage at the connection between the pump and the base. This installation method can prevent workers from entering the sewage tank during maintenance, which not only protects the environment, but also reduces maintenance costs and worker strength. When the pump fails, no need to dismantle the pipeline. The pump can be lifted out of the water along the slide through the zipper, which is convenient for maintenance. When the inspection is completed, place the outlet under the slide and the pump is in position, and the pump outlet will be well docked under the action of the self-coupling device.



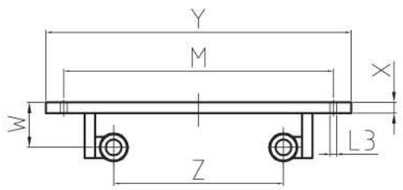
Heavy-type

Heavy-type



DN	D	K	L1	A	B	ØC	ØG	E	F	u	Q	V	P	J	I	h	L2
50	140	110	14	133	161	26.5	32	210	218	130	132	253	197	22	13	12	Ø20
65	160	130	14	154	187	26.5	32	267	245	150	162	233	228	25	17	12	Ø19
80	154	150	18	210	146	42	47	306	300	170	153	224	254	30	32	12	Ø20
100	210	170	18	175	270	42	47	346	300	200	233	257	292	32	60	15	Ø20
150	260	225	18	300	280	42	47	483	480	370	245	410	400	44	80	15	Ø20
200	330	280	18	354	300	42	47	550	522	315	290	445	400	55	85	15	Ø24
250	395	335	18	430	360	52	60	630	608	405	398	550	460	65	95	20	Ø24
300	440	400	23	463	417	52	60	740	513	316	470	595	545	146	41	16	Ø25
350	500	480	23	400	416	52	60	850	705	368	421	640	640	150	3	18	Ø24
400	565	515	26	520	487	69	76	970	673	570	360	670	650	150	22	18	Ø24
500	670	620	26	800	510	69	76	1235	834	458	630	980	670	100	66	20	Ø40
600	780	725	30	700	720	68	76	1320	935	710	660	850	830	75	109	38	Ø33

CATHETER



DN	M	Z	L3	W	X	Y
50	220	100	2-Ø12	70	20	265
65	240	130	2-Ø12	70	20	275
80	270	150	2-Ø12	80	20	315
100	305	170	2-Ø12	90	20	360
150	115	205	2-Ø16	70	15	310
200	200	280	2-Ø16	80	15	400
250	200	320	2-Ø16	80	15	440
300	200	340	2-Ø16	90	15	440
350	200	340	2-Ø16	90	15	440
400	200	370	2-Ø16	110	20	520
500	280	442	2-Ø24	115	20	600
600	380	540	2-Ø24	115	20	700

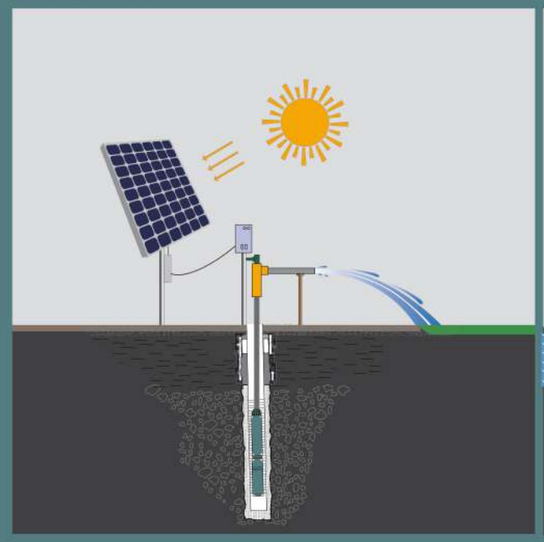
AUTO-COUPLING

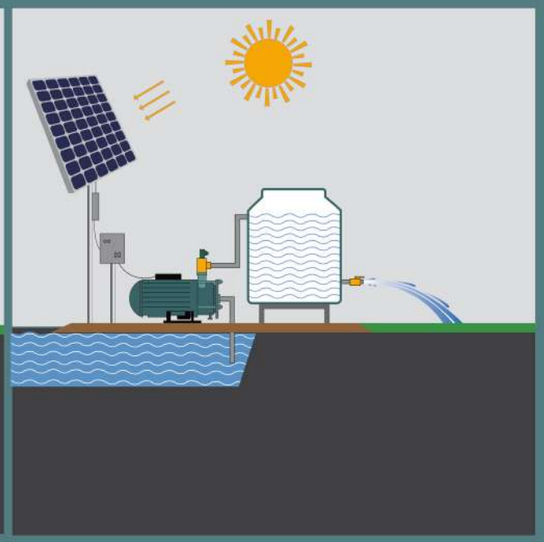
SOLAR PUMP

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use and are economical,these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments.The pumps should be installed in enclosed environment,or at least sheltered from inclement weather.

Application

They are recommended for pumping clean water and liquids thatare chemically non aggressive for the materials of which the pumpis made.
Due to their Reliability, compact, economy and ease to use,they are particularly suitable for domestic and industrial applicationssuch as water supply for recirculation in air conditioners andrefrigerators, garden watering, watersuction from tanks or wells down to 9 meter depth. The pump isequipped with a check valve on the suction side SO that no footvalve is required. The pumps must be installed in enclosed places.





SOLAR PUMP

3SQGD
H03

2SSD
H04

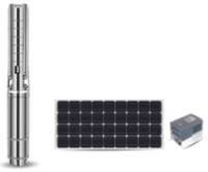
3SSD
H05

4SSD
H07

3SSP
H10

4SSP
H12

4/6SSP
H15



6SSP
H16

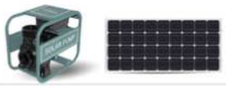
SOLAR PUMP

3SQGD(SHIELDED MOTOR)
H17

3SSD(SHIELDED MOTOR)
H18

4SSSD(SHIELDED MOTOR)
H19

SQB
H22



SCPM
H23

SFCP
H24

GREEN Water Solution

3SQGD SOLAR PUMP

PMSM

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide- ranging performance ensures extreme flexibility.

Flow rate up to **33 L/min (2 m³/h)**

Head up to **150 m**

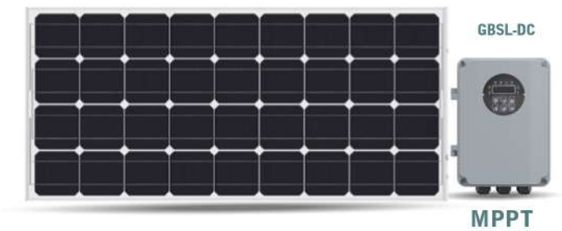
Liquid Type: Clean water
Applications: Water supply systems, pressure systems, irrigation pumps
Typology: Surface
Family: Peripheral

Application Limits

Max. immersion depth: 40 m
Minimum well diameter: 3"

Construction

Outlet: Stainless steel.
Pump Body: Stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.



GBSL-DC

MPPT

Screw

NSK Bearing

HOUSEHOLD MUNICIPAL

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5
		kW	HP	m	m³/h	Inch	open voltage	power	model	Q (L/min)	0	5	10	15	20	25
2SQGD1/25-12/80	12V	0.08	0.11	25	1.0	0.75"	<54V	≥150W	GBSL-DC	H(m)	25	21	14	2		
2SQGD1.2/40-24/120	24V	0.12	0.16	40	1.2	0.75"	<54V	≥250W	GBSL-DC		40	34	26	15		
2SQGD1.5/75-36/210	36V	0.21	0.28	75	1.5	0.75"	<54V	≥300W	GBSL-DC		75	65	54	40	23	
2SQGD1.7/100-48/500	48V	0.5	0.67	100	1.7	0.75"	<110V	≥600W	GBSL-DC		100	91	80	65	46	20

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	0.2	0.4	0.6	1.0	1.4	1.6	1.8
		kW	HP	m	m³/h	Inch	open voltage	power	model	Q (L/min)	0	3	7	10	17	23	27	30
3SQGD0.5/28-12/80	12V	0.08	0.11	28	0.5	0.75"	<54V	≥150W	GBSL-DC	H(m)	28	20	7					
3SQGD1.2/56-24/120	24V	0.12	0.16	56	1.2	0.75"	<54V	≥250W	GBSL-DC		56	51	44	35	15			
3SQGD1.2/77-36/210	36V	0.21	0.28	77	1.2	0.75"	<54V	≥300W	GBSL-DC		77	68	58	47	20			
3SQGD1.7/120-48/500	48V	0.5	0.67	109	1.7	0.75"	<110V	≥600W	GBSL-DC		109	105	97	85	60	30	13	
3SQGD2/150-72/750	72V	0.75	1	150	2.0	0.75"	<170V	≥1000W	GBSL-DC		150	142	134	123	97	64	45	24

Free Spare Parts

2SSD SOLAR PUMP

PMSM

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide- ranging performance ensures extreme flexibility.

Flow rate up to **42 L/min (2.5 m³/h)**

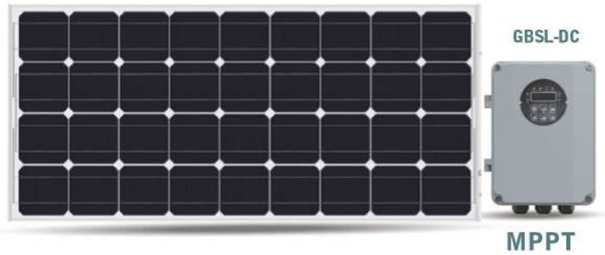
Head up to **55 m**

Application Limits

Max. immersion depth: 40 m
Minimum well diameter: 2"

Construction

Outlet: Stainless steel/ brass.
Pump Body: stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.



GBSL-DC

MPPT

Plastic Impeller

NSK Bearing

HOUSEHOLD MUNICIPAL

Mc	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	0.25	0.5	0.75	1.0	1.25	1.5	1.75	2	2.25
		kW	HP	m	m³/h	Inch	open voltage	power	model	Q (L/min)	0	4	8	12	17	21	25	29	33	37
2SSD2/25-12/200	12V	0.2	0.27	25	2	0.75"	<54V	≥300W	GBSL-DC	H(m)	25	23	22	21	18	14	10	5		
2SSD2.5/36-24/300	24V	0.3	0.4	36	2.5	0.75"	<54V	≥500W	GBSL-DC		36	32	30	28	24	21	17	13	9	6
2SSD2.5/55-48/400	48V	0.4	0.54	55	2.5	0.75"	<110V	≥600W	GBSL-DC		55	53	50	46	41	37	31	24	17	9

Free Spare Parts

3SSD SOLAR PUMP

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide- ranging performance ensures extreme flexibility.

Flow rate up to **133.3 L/min (8 m³/h)**

Head up to **180 m**

Application Limits

Max. immersion depth: 40 m
Minimum well diameter: 3"

Construction

Outlet: Stainless steel/ brass.
Pump Body: stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.

PMSM


Plastic Impeller


NSK Bearing

MPPT
GBSL-DC


GBSL-HDC/GBSL-HAD

* HV means high voltage model
* A/D means AC/DC

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	0.5	1.0	1.5	2.0	2.5	3.0	3.5
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	8	17	25	33	42	50	58
3SSD3/35-24/300	24V	0.3	0.4	35	3.0	1.25"	<54V	≥500W	GBSL-DC	H(m)	35	34	30	22	16	8		
3SSD3.8/55-48/400	48V	0.4	0.55	55	3.8	1.25"	<110V	≥600W	GBSL-DC		55	50	42	37	30	22	15	7
3SSD3.8/80-48/600	48V	0.6	0.8	80	3.8	1.25"	<110V	≥750W	GBSL-DC		80	72	65	53	45	35	22	11
3SSD3.8/80-72/600	72V	0.6	0.8	80	3.8	1.25"	<170V	≥750W	GBSL-DC		80	75	70	65	60	52	48	43
3SSD3.8/95-72/750	72V	0.75	1	95	3.8	1.25"	<170V	≥1000W	GBSL-DC		95	88	75	66	53	40	27	13
3SSD3.8/95-110/750-HV	110V	0.75	1	95	3.8	1.25"	<430V	≥1000W	GBSL-HDC		95	88	75	66	53	40	27	13
3SSD3.8/123-110/1100	110V	1.1	1.5	123	3.8	1.25"	<210V	≥1500W	GBSL-DC		123	118	108	95	78	60	40	21
3SSD3.8/123-150/1100-HV	150V	1.1	1.5	123	3.8	1.25"	<430V	≥1500W	GBSL-HDC		123	118	108	95	78	60	40	21
3SSD3.8/155-110/1300	110V	1.3	1.75	155	3.8	1.25"	<210V	≥1800W	GBSL-DC		155	145	131	116	97	73	48	23
3SSD3.8/155-200/1300-HV	200V	1.3	1.75	155	3.8	1.25"	<430V	≥1800W	GBSL-HDC		155	145	131	116	97	73	48	23
3SSD3.8/180-110/1500	110V	1.5	2	180	3.8	1.25"	<210V	≥2000W	GBSL-DC		180	170	156	135	115	90	60	27
3SSD3.8/180-200/1500-HV	200V	1.5	2	180	3.8	1.25"	<430V	≥2000W	GBSL-HDC		180	170	156	135	115	90	60	27

Free Spare Parts

3SSD SOLAR PUMP

* HV means high voltage model
* A/D means AC/DC

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	33	50	67	73	100	117
3SSD3.8/80-110/600-A/D	110V-240V	60V-430V	0.6	0.8	80	3.8	1.25"	<430V	≥750W	GBSL-HAD	H(m)	80	63	45	25				
3SSD3.8/95-110/750-A/D	110V-240V	60V-430V	0.75	1	95	3.8	1.25"	<430V	≥1000W	GBSL-HAD		95	75	55	30				
3SSD3.8/123-150/1100-A/D	110V-240V	60V-430V	1.1	1.5	123	3.8	1.25"	<430V	≥1500W	GBSL-HAD		123	105	80	40				
3SSD3.8/155-200/1300-A/D	110V-240V	60V-430V	1.3	1.74	155	3.8	1.25"	<430V	≥1800W	GBSL-HAD		155	130	95	48				
3SSD3.8/180-200/1500-A/D	110V-240V	60V-430V	1.5	2	180	3.8	1.25"	<430V	≥2000W	GBSL-HAD		180	155	115	60				
3SSD5.5/42-110/600-A/D	110V-240V	60V-430V	0.6	0.8	42	5.5	1.25"	<430V	≥750W	GBSL-HAD		42	39	32	22	16	8		
3SSD6/60-110/750-A/D	110V-240V	60V-430V	0.75	1	60	6	1.25"	<430V	≥1000W	GBSL-HAD		60	55	48	40	30	17		
3SSD6/85-150/1100-A/D	110V-240V	60V-430V	1.1	1.5	85	6	1.25"	<430V	≥1500W	GBSL-HAD		85	80	72	60	45	23		
3SSD6/125-200/1500-A/D	110V-240V	60V-430V	1.5	2	125	6	1.25"	<430V	≥2000W	GBSL-HAD		125	115	100	80	58	30		
3SSD7/46-110/750-A/D	110V-240V	60V-430V	0.75	1	46	7	1.25/1.5'	<430V	≥1000W	GBSL-HAD		46	42	38	30	20	15	8	
3SSD8/62-150/1100-A/D	110V-240V	60V-430V	1.1	1.5	62	8	1.25/1.5'	<430V	≥1500W	GBSL-HAD		62	60	58	50	40	30	18	10
3SSD8/90-200/1500-A/D	110V-240V	60V-430V	1.5	2	90	8	1.25/1.5'	<430V	≥2000W	GBSL-HAD		90	87	82	78	68	53	38	17

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	6	7
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	33.	50	67	83	100	117
3SSD5.5/42-48/600	48V	0.6	0.8	42	5.5	1.25"	<110V	≥750W	GBSL-DC	H(m)	42	37	30	22	15	7		
3SSD5.5/42-72/600	72V	0.6	0.8	42	5.5	1.25"	<170V	≥750W	GBSL-DC		42	37	30	22	15	7		
3SSD6/60-72/750	72V	0.75	1	60	6	1.25"	<170V	≥1000W	GBSL-DC		60	55	48	40	30	17		
3SSD6/60-110/750-HV	110V	0.75	1	60	6	1.25"	<430V	≥1000W	GBSL-HDC		60	55	48	40	30	17		
3SSD6/85-110/1100	110V	1.1	1.5	85	6	1.25"	<210V	≥1500W	GBSL-DC		85	78	67	57	42	25		
3SSD6/85-150/1100-HV	150V	1.1	1.5	85	6	1.25"	<430V	≥1500W	GBSL-HDC		85	78	67	57	42	25		
3SSD6/125-110/1500	110V	1.5	2	125	6	1.25"	<210V	≥2000W	GBSL-DC		125	112	100	82	60	36		
3SSD6/125-200/1500-HV	200V	1.5	2	125	6	1.25"	<430V	≥2000W	GBSL-HDC		125	112	100	82	60	36		
3SSD7/46-72/750	72V	0.75	1	46	7	1.25"/1.5"	<170V	≥1000W	GBSL-DC		46	44	41	37	30	23	12	
3SSD7/46-110/750-HV	110V	0.75	1	46	7	1.25"/1.5"	<430V	≥1000W	GBSL-HDC		46	44	41	37	30	23	12	
3SSD8/62-110/1100	110V	1.1	1.5	62	8	1.25"/1.5"	<210V	≥1500W	GBSL-DC		62	58	55	50	45	36	26	15
3SSD8/62-150/1100-HV	150V	1.1	1.5	62	8	1.25"/1.5"	<430V	≥1500W	GBSL-HDC		62	58	55	50	45	36	26	15
3SSD8/90-110/1500	110V	1.5	2	90	8	1.25"/1.5"	<210V	≥2000W	GBSL-DC		90	88	85	80	73	63	46	28
3SSD8/90-200/1500-HV	200V	1.5	2	90	8	1.25"/1.5"	<430V	≥2000W	GBSL-HDC		90	88	85	80	73	63	46	28

Free Spare Parts

4SSD SOLAR PUMP

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide- ranging performance ensures extreme flexibility.

Flow rate up to **333.3 L/min (20 m³/h)**

Head up to **300 m**

Application Limits

Max. Immersion depth: 40 m
Minimum well diameter: 4"

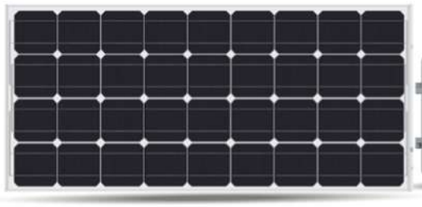
Construction

Outlet: Stainless steel/ brass.
Pump Body: stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.

Plastic Impeller

NSK Bearing

PMSM



MPPT

GBSL-DC

GBSL-HDC/GBSL-HAD

PV350(800)

HOUSEHOLD MUNICIPAL

* HV means high voltage model

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	5.5
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	33.	50	67	83	92
4SSD6/42-48/600	48V	0.6	0.8	42	6	1.25"	<110V	≥750W	GBSL-DC	H(m)	42	38	33	27	20	11	5
4SSD6/42-72/600	72V	0.6	0.8	42	6	1.25"	<170V	≥750W	GBSL-DC		42	38	33	27	20	11	5
4SSD6/56-72/750	72V	0.75	1	56	6	1.25"	<170V	≥1000W	GBSL-DC		56	50	45	36	26	15	8
4SSD6/56-110/750-HV	110V	0.75	1	56	6	1.25"	<430V	≥1000W	GBSL-HDC		56	50	45	36	26	15	8
4SSD6/84-110/1100	110V	1.1	1.5	84	6	1.25"	<210V	≥1500W	GBSL-DC		84	78	65	55	40	24	10
4SSD6/84-150/1100-HV	150V	1.1	1.5	84	6	1.25"	<430V	≥1500W	GBSL-HDC		84	78	65	55	40	24	10
4SSD6/112-110/1300	110V	1.3	1.75	112	6	1.25"	<210V	≥1800W	GBSL-DC		112	105	90	75	52	28	13
4SSD6/112-200/1300-HV	200V	1.3	1.75	112	6	1.25"	<430V	≥1800W	GBSL-HDC		112	105	90	75	52	28	13
4SSD6/135-110/1500	110V	1.5	2	135	6	1.25"	<210V	≥2000W	GBSL-DC		135	124	110	94	73	40	28
4SSD6/135-200/1500-HV	200V	1.5	2	135	6	1.25"	<430V	≥2000W	GBSL-HDC		135	124	110	94	73	40	28
4SSD6/175-300/2200-HV	300V	2.2	3	175	6	1.25"	<490V	≥3000W	GBSL-HDC		175	162	145	125	98	60	35

Free Spare Parts

4SSD SOLAR PUMP

HOUSEHOLD MUNICIPAL

* HV means high voltage model

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	2	4	6	8	10	11
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	33.	67	100	133	167	183
4SSD7.5/100-110/1100	110V	1.1	1.5	100	7.5	1.5"	<210V	≥1500W	GBSL-DC	H(m)	100	80	55	27			
4SSD7.5/100-150/1100-HV	150V	1.1	1.5	100	7.5	1.5"	<430V	≥1500W	GBSL-HDC		100	80	55	27			
4SSD9/45-72/750	72V	0.75	1	45	9.0	2"	<170V	≥1000W	GBSL-DC		45	36	24	18	8		
4SSD9/45-110/750-HV	110V	0.75	1	45	9.0	2"	<430V	≥1000W	GBSL-HDC		45	36	24	18	8		
4SSD9/58-110/1100	110V	1.1	1.5	58	9.0	2"	<210V	≥1500W	GBSL-DC		58	53	43	32	13		
4SSD9/58-150/1100-HV	150V	1.1	1.5	58	9.0	2"	<430V	≥1500W	GBSL-HDC		58	53	43	32	13		
4SSD9/71-110/1300	110V	1.3	1.75	71	9.0	2"	<210V	≥1800W	GBSL-DC		71	65	55	39	14		
4SSD9/71-200/1300-HV	200V	1.3	1.75	71	9.0	2"	<430V	≥1800W	GBSL-HDC		71	65	55	39	14		
4SSD9/85-110/1500	110V	1.5	2	85	9.0	2"	<210V	≥2000W	GBSL-DC		85	77	65	46	18		
4SSD9/85-200/1500-HV	200V	1.5	2	85	9.0	2"	<430V	≥2000W	GBSL-HDC		85	77	65	46	18		
4SSD11/45-72/750	72V	0.75	1	45	11.0	2"	<170V	≥1000W	GBSL-DC		45	40	36	28	18	8	
4SSD11/45-110/750-HV	110V	0.75	1	45	11.0	2"	<430V	≥1000W	GBSL-HDC		45	40	36	28	18	8	
4SSD11.5/100-110/1500	110V	1.5	2	100	11.5	2"	<210V	≥2000W	GBSL-DC		100	92	80	66	48	25	10
4SSD11.5/100-200/1500-HV	200V	1.5	2	100	11.5	2"	<430V	≥2000W	GBSL-HDC		100	92	80	66	48	25	10

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	4	8	12	14	16	18
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	67	133.	200	233	267	300
4SSD13/36-72/750	72V	0.75	1	36	13	2"	<170V	≥1000W	GBSL-DC	H(m)	36	27	21	5			
4SSD13/36-110/750-HV	110V	0.75	1	36	13	2"	<430V	≥1000W	GBSL-HDC		36	27	21	5			
4SSD13/48-110/1100	110V	1.1	1.5	48	13	2"	<210V	≥1500W	GBSL-DC		48	39	31	9			
4SSD13/48-150/1100-HV	150V	1.1	1.5	48	13	2"	<430V	≥1500W	GBSL-HDC		48	39	31	9			
4SSD13/60-110/1500	110V	1.5	2	60	13	2"	<210V	≥2000W	GBSL-DC		60	48	40	14			
4SSD13/60-200/1500-HV	200V	1.5	2	60	13	2"	<430V	≥2000W	GBSL-HDC		60	48	40	14			
4SSD14.5/45-110/750	110V	0.75	1	45	14.5	2"	<170V	≥1000W	GBSL-DC		45	35	29	13	3		
4SSD14.5/45-110/750-HV	110V	0.75	1	45	14.5	2"	<430V	≥1000W	GBSL-HDC		45	35	29	13	3		
4SSD15/55-110/1100	110V	1.1	1.5	55	15	2"	<210V	≥1500W	GBSL-DC		55	45	36	17	8		
4SSD15/60-150/1100-HV	150V	1.1	1.5	60	15	2"	<430V	≥1500W	GBSL-HDC		60	52	40	23	9		
4SSD15.5/65-110/1500	110V	1.5	2	65	15.5	2"	<210V	≥2000W	GBSL-DC		65	58	50	28	15		
4SSD15/70-200/1500-HV	200V	1.5	2	70	15.5	2"	<430V	≥2000W	GBSL-HDC		70	63	52	32	16		
4SSD17/48-110/1500	110V	1.5	2	55	17	2"	<210V	≥2000W	GBSL-DC		55	45	38	23	14	6	
4SSD17/48-200/1500-HV	200V	1.5	2	55	17	2"	<430V	≥2000W	GBSL-HDC		55	45	38	23	14	6	
4SSD20/38-110/1500	110V	1.5	2	38	20	2"	<210V	≥2000W	GBSL-DC		38	34	30	20	17	11	6
4SSD20/38-200/1500-HV	200V	1.5	2	38	20	2"	<430V	≥2000W	GBSL-HDC		38	34	30	20	17	11	6

Free Spare Parts

4SSD SOLAR PUMP

* A/D means AC/DC

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	5.5
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	33	50	67	73	92
4SSD6/56-110/750-A/D	110V-240v	60V-430V	0.75	1	56	6	2"	<430V	≥1000W	GBSL-HAD	H(m)	56	53	48	40	30	17	7
4SSD6/84-150/1100-A/D	110V-240v	60V-430V	1.1	1.5	84	6	2"	<430V	≥1500W	GBSL-HAD		84	75	64	53	40	22	8
4SSD6/112-220/1300-A/D	110V-240v	60V-430V	1.3	1.75	112	6	2"	<430V	≥1800W	GBSL-HAD		112	102	90	73	56	32	18
4SSD6/135-220/1500-A/D	110V-240v	60V-430V	1.5	2	135	6	2"	<430V	≥2000W	GBSL-HAD		135	124	110	93	72	46	23
4SSD6/175-300/2200-A/D	180V-240V	60V-430V	2.2	3	175	6	2"	<430V	≥3000W	GBSL-HAD		175	160	148	124	100	60	40

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	2	4	6	8	10	11
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	13	67	100	133	167	183
4SSD9.5/85-220/1500-A/D	110V-240v	60V-430V	1.2	2	85	9.5	2"	<430V	≥2000W	GBSL-HAD	H(m)	85	79	68	53	30		
4SSD9.5/125-300/2200-A/D	180V-240V	60V-430V	2.2	3	125	9.5	2"	<430V	≥3000W	GBSL-HAD		125	112	98	77	40		
4SSD11.5/45-110/750-A/D	110V-240v	60V-430V	0.75	1	45	11.5	2"	<430V	≥1000W	GBSL-HAD		45	41	36	30	20	10	2

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	4	6	8	10	12	14
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	67	100	133	167	200	233
4SSD13/60-200/1500-A/D	110V-240v	60V-430V	1.5	2	60	13	2"	<430V	≥2000W	GBSL-HAD	H(m)	60	53	48	38	28	10	
4SSD13/110-300/2200-A/D	180V-240V	60V-430V	2.2	3	110	13	2"	<430V	≥3000W	GBSL-HAD		110	94	83	68	48	20	
4SSD15/60-150/1100-A/D	110V-240v	60V-430V	1.1	1.5	60	15	2"	<430V	≥1500W	GBSL-HAD		60	55	52	46	40	30	16
4SSD15/70-200/1500-A/D	110V-240v	60V-430V	1.5	2	70	15	2"	<430V	≥2000W	GBSL-HAD		70	65	63	58	50	40	20
4SSD17/80-300/2200-A/D	180V-240V	60V-430V	2.2	3	80	17	2"	<430V	≥3000W	GBSL-HAD		80	76	72	68	58	48	34

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	5.5
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	33	50	67	73	92
4SSD6/56-220/750-A/D	150V-240V	300V-450V	0.75	1	56	6	2"	<450V	≥1000W	GBSL-HAD	H(m)	56	53	48	40	30	17	7
4SSD6/84-220/1100-A/D	150V-240V	300V-450V	1.1	1.5	84	6	2"	<450V	≥1500W	GBSL-HAD		84	75	64	53	40	22	8
4SSD6/112-220/1300-A/D	150V-240V	300V-450V	1.3	1.75	112	6	2"	<450V	≥1800W	GBSL-HAD		112	102	90	73	56	32	18
4SSD6/135-220/1500-A/D	150V-240V	300V-450V	1.5	2	135	6	2"	<450V	≥2000W	GBSL-HAD		135	124	110	93	72	46	23
4SSD6/175-220/2200-A/D	150V-240V	300V-450V	2.2	3	175	6	2"	<450V	≥3000W	GBSL-HAD		175	160	148	124	100	60	30
4SSD6/175-380/2200-A/D	350V-460V	480V-800V	2.2	3	175	6	2"	<800V	≥3000W	GBSL-HAD		175	160	148	124	100	60	30
4SSD6/230-380/3000-A/D	350V-460V	480V-800V	3	4	230	6	2"	<800V	≥4000W	PV350(800)		230	210	180	143	110	70	40
4SSD6/300-380/4000-A/D	350V-460V	480V-800V	4	5.5	300	6	2"	<800V	≥5000W	PV350(800)		300	278	238	190	133	75	45

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	2	4	6	7	8	9
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	33	67	100	117	133	150
4SSD9.5/85-220/1500-A/D	150V-240V	300V-450V	1.2	2	85	9.5	2"	<450V	≥2000W	GBSL-HAD	H(m)	85	79	68	53	40	30	12
4SSD9.5/125-220/2200-A/D	150V-240V	300V-450V	2.2	3	125	9.5	2"	<450V	≥3000W	GBSL-HAD		125	112	98	77	60	40	20
4SSD9.5/125-380/2200-A/D	350V-460V	480V-800V	2.2	3	125	9.5	2"	<800V	≥3000W	GBSL-HAD		125	112	98	77	60	40	20
4SSD9.5/195-380/3000-A/D	350V-460V	480V-800V	3	4	195	9.5	2"	<800V	≥4000W	PV350(800)		195	170	140	108	80	60	23
4SSD9.5/250-380/4000-A/D	350V-460V	480V-800V	4	5.5	250	9.5	2"	<800V	≥5000W	PV350(800)		250	230	185	138	100	70	30

Free Spare Parts

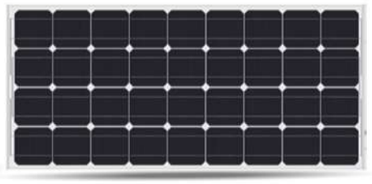
4SSD SOLAR PUMP

* A/D means AC/DC

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	4	8	12	14	16	18
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	67	133	200	233	267	300
4SSD13/60-220/1500-A/D	150V-240V	300V-450V	1.5	2	2	13	2"	<450V	≥2000W	GBSL-HAD	H(m)	60	53	38	10			
4SSD13/110-220/2200-A/D	150V-240V	300V-450V	2.2	3	3	13	2"	<450V	≥3000W	GBSL-HAD		110	94	68	20			
4SSD13/110-380/2200-A/D	350V-460V	480V-800V	2.2	3	3	13	2"	<800V	≥3000W	GBSL-HAD		110	94	68	20			
4SSD13/150-380/3000-A/D	350V-460V	480V-800V	3	4	4	13	2"	<800V	≥4000W	PV350(800)		150	120	80	23			
4SSD13/185-380/4000-A/D	350V-460V	480V-800V	4	5.5	5.5	13	2"	<800V	≥5000W	PV350(800)		185	155	100	25			
4SSD13/220-380/5500-A/D	350V-460V	480V-800V	5.5	7.5	7.5	13	2"	<800V	≥6000W	PV350(800)		220	170	120	30			
4SSD17/112-380/3000-A/D	350V-460V	480V-800V	3	4	4	17	2"	<800V	≥4000W	PV350(800)		112	95	75	55	35	16	
4SSD17/150-380/4000-A/D	350V-460V	480V-800V	4	5.5	5.5	17	2"	<800V	≥5000W	PV350(800)		150	130	100	65	40	18	
4SSD17/180-380/5500-A/D	350V-460V	480V-800V	5.5	7.5	7.5	17	2"	<800V	≥6000W	PV350(800)		180	160	125	80	54	23	
4SSD20/98-380/4000-A/D	350V-460V	480V-800V	4	5.5	5.5	20	2"	<800V	≥5000W	PV350(800)		98	86	73	55	45	28	16
4SSD20/125-380/5500-A/D	350V-460V	480V-800V	5.5	7.5	7.5	20	2"	<800V	≥6000W	PV350(800)		125	115	95	70	55	38	18

3SSP SOLAR PUMP

PMSM



MPPT

GBSL-DC

GBSL-HDC/GBSL-HAD

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide-ranging performance ensures extreme flexibility.

Flow rate up to
100 L/min (6 m³/h)

Head up to
130 m

Application Limits

Max. immersion depth: 40 m
Minimum well diameter: 3"

Construction

Outlet: Stainless steel.
Pump Body: stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.

Impeller/SUS304

NSK Bearing

Free Spare Parts

3SSP SOLAR PUMP

* HV means high voltage model
* A/D means AC/DC

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	5.5
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	33	50	67	83	92
3SSP4/35-24/300	24V	0.3	0.4	35	4	1.25"	<54V	≥500W	GBSL-DC		35	28	16	9			
3SSP4/50-48/400	48V	0.4	0.55	50	4	1.25"	<110V	≥600W	GBSL-DC		50	38	27	14			
3SSP4.5/80-48/600	48V	0.6	0.8	80	4.5	1.25"	<110V	≥750W	GBSL-DC		80	63	43	27	9		
3SSP4.5/80-72/600	72V	0.6	0.8	80	4.5	1.25"	<170V	≥750W	GBSL-DC		80	68	60	46	38		
3SSP4.5/95-72/750	72V	0.75	1	95	4.5	1.25"	<170V	≥1000W	GBSL-DC		95	72	51	30	10		
3SSP4.5/95-110/750-HV	110V	0.75	1	95	4.5	1.25"	<430V	≥1000W	GBSL-HDC		95	72	51	30	10		
3SSP4.5/120-110/1100	110V	1.1	1.5	120	4.5	1.25"	<210V	≥1500W	GBSL-DC		120	94	67	40	13		
3SSP4.5/120-150/1100-HV	150V	1.1	1.5	120	4.5	1.25"	<430V	≥1500W	GBSL-HDC		120	94	67	40	13		
3SSP4.5/130-110/1500	110V	1.5	2	130	4.5	1.25"	<210V	≥2000W	GBSL-DC	H(m)	130	104	73	46	15		
3SSP4.5/130-200/1500-HV	200V	1.5	2	130	4.5	1.25"	<430V	≥2000W	GBSL-HDC		130	104	73	46	15		
3SSP6/44-48/600	48V	0.6	0.8	44	6	1.25"	<110V	≥750W	GBSL-DC		44	39	30	24	15	8	4
3SSP6/44-72/600	72V	0.6	0.8	44	6	1.25"	<170V	≥750W	GBSL-DC		44	39	30	24	15	8	4
3SSP6/60-72/750	72V	0.75	1	60	6	1.25"	<170V	≥1000W	GBSL-DC		60	50	40	30	20	10	5
3SSP6/60-110/750-HV	110V	0.75	1	60	6	1.25"	<430V	≥1000W	GBSL-HDC		60	50	40	30	20	10	5
3SSP6/80-110/1100	110V	1.1	1.5	80	6	1.25"	<210V	≥1500W	GBSL-DC		80	66	53	40	27	14	8
3SSP6/80-150/1100-HV	150V	1.1	1.5	80	6	1.25"	<430V	≥1500W	GBSL-HDC		80	66	53	40	27	14	8
3SSP6/115-110/1500	110V	1.5	2	115	6	1.25"	<210V	≥2000W	GBSL-DC		115	96	78	58	39	20	10
3SSP6/115-200/1500-HV	200V	1.5	2	115	6	1.25"	<430V	≥2000W	GBSL-HDC		115	96	78	58	39	20	10

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	5.5
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	1	50	67	73	92
3SSP4.5/80-110/600-A/D	110V-240V	60V-430V	0.6	0.8	80	4.5	1.25"	<430V	≥750W	GBSL-HAD		80	63	46	29	11		
3SSP4.5/95-110/750-A/D	110V-240V	60V-430V	0.75	1	95	4.5	1.25"	<430V	≥1000W	GBSL-HAD		95	75	55	35	14		
3SSP4.5/110-150/1100-A/D	110V-240V	60V-430V	1.1	1.5	110	4.5	1.25"	<430V	≥1500W	GBSL-HAD	H(m)	110	88	65	41	17		
3SSP4.5/130-200/1500-A/D	110V-240V	60V-430V	1.5	2	130	4.5	1.25"	<430V	≥2000W	GBSL-HAD		130	103	75	48	20		
3SSP6/44-110/600-A/D	110V-240V	60V-430V	0.6	0.8	44	6	1.25"	<430V	≥750W	GBSL-HAD		44	39	33	25	18	10	4
3SSP6/60-110/750-A/D	110V-240V	60V-430V	0.75	1	60	6	1.25"	<430V	≥1000W	GBSL-HAD		60	50	41	33	22	12	6
3SSP6/80-150/1100-A/D	110V-240V	60V-430V	1.1	1.5	80	6	1.25"	<430V	≥1500W	GBSL-HAD		80	70	57	45	30	16	9
3SSP6/115-200/1500-A/D	110V-240V	60V-430V	1.5	2	115	6	1.25"	<430V	≥2000W	GBSL-HAD		115	100	84	65	45	23	13

Free Spare Parts

4SSP SOLAR PUMP

PMSM

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide- ranging performance ensures extreme flexibility.

Flow rate up to
600 L/min (36m³/h)

Head up to
265 m

Application Limits

Max. immersion depth: 40 m
Minimum well diameter: 4"

Construction

Outlet: Stainless steel.
Pump Body: stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.

MPPT

GBSL-DC | GBSL-HDC/GBSL-HAD | PV350(800)

Impeller/SUS304

NSK Bearing

* HV means high voltage model

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	5.5
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	33	50	67	83	92
4SSP4.5/203-110/1500	110V	1.5	2	203	4.5	1.25"	<210V	≥2000W	GBSL-DC		203	180	142	90	30		
4SSP4.5/203-200/1500-HV	200V	1.5	2	203	4.5	1.25"	<430V	≥2000W	GBSL-HDC		203	180	142	90	30		
4SSP5/45-48/500	48V	0.5	0.67	45	5	1.25"	<110V	≥600W	GBSL-DC		45	39	33	22	13		
4SSP5/67-72/750	72V	0.75	1	67	5	1.25"	<170V	≥1000W	GBSL-DC		67	60	51	36	22		
4SSP5/67-110/750-HV	110V	0.75	1	67	5	1.25"	<430V	≥1000W	GBSL-HDC		67	60	51	36	22		
4SSP5/101-110/1100	110V	1.1	1.5	101	5	1.25"	<210V	≥1500W	GBSL-DC		101	85	68	52	30		
4SSP5/101-150/1100-HV	150V	1.1	1.5	101	5	1.25"	<430V	≥1500W	GBSL-HDC		101	85	68	52	30		
4SSP5/146-110/1300	110V	1.3	1.75	146	5	1.25"	<210V	≥1800W	GBSL-DC		146	127	105	75	42		
4SSP5/146-200/1300-HV	200V	1.3	1.75	146	5	1.25"	<430V	≥1800W	GBSL-HDC	H(m)	146	127	105	75	42		
4SSP5/255-300/2200-HV	300V	2.2	3	255	5	1.25"	<490V	≥3000W	GBSL-HDC		255	220	182	135	77		
4SSP7/80-110/1300	110V	1.3	1.75	80	7	1.25"	<210V	≥1800W	GBSL-DC		80	74	67	57	45	35	22
4SSP7/80-200/1300-HV	200V	1.3	1.75	80	7	1.25"	<430V	≥1800W	GBSL-HDC		80	74	67	57	45	35	22
4SSP7/100-110/1500	110V	1.5	2	100	7	1.25"	<210V	≥2000W	GBSL-DC		100	93	83	72	57	40	18
4SSP7/100-200/1500-HV	200V	1.5	2	100	7	1.25"	<430V	≥2000W	GBSL-HDC		100	93	83	72	57	40	18
4SSP7/150-300/2200-HV	300V	1.5	2	150	7	1.25"	<490V	≥3000W	GBSL-HDC		150	142	130	115	92	66	38

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	3	4	5	6	7	8
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	50	67	83	100	117	133
4SSP9/48-72/750	72V	0.75	1	48	9	2"	<110V	≥600W	GBSL-DC		48	42	36	32	25	18	10
4SSP9/48-110/750	110V	0.75	1	48	9	2"	<170V	≥1000W	GBSL-DC		48	42	36	32	25	18	10
4SSP9/59-110/1300	110V	1.3	1.75	59	9	2"	<210V	≥1500W	GBSL-DC		59	51	47	42	34	24	12
4SSP9/72-110/1500	110V	1.5	2	72	9	2"	<210V	≥1800W	GBSL-DC	H(m)	72	63	56	48	40	30	15
4SSP9/72-200/1500-HV	200V	1.5	2	72	9	2"	<430V	≥2000W	GBSL-HDC		72	63	56	48	40	30	15
4SSP9/120-300/2200-HV	300V	2.2	3	120	9	2"	<490V	≥3000W	GBSL-HDC		120	100	90	84	77	60	42

Free Spare Parts

4SSP SOLAR PUMP

* A/D means AC/DC

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	9	12	15	18	21	24
		kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	150	200	250	300	350	400
4SSP19/35-110/1300	110V	0.75	1	35	19	2"	<210V	≥1800W	GBSL-DC	H(m)	35	25	20	12	3		
4SSP19/46-110/1500	110V	0.75	1	46	19	2"	<210V	≥2000W	GBSL-DC		46	34	27	16	6		
4SSP19/46-200/1500-HV	200V	0.75	1	46	19	2"	<430V	≥2000W	GBSL-HDC		46	34	27	16	6		
4SSP19/57-300/2200-HV	300V	2.2	3	57	19	2"	<490V	≥3000W	GBSL-HDC		57	38	28	18	8		
4SSP25/25-110/1500	110V	1.5	2	25	25	2"	<210V	≥2000W	GBSL-DC		25	20	16	13	9	5	2
4SSP25/25-200/1500-HV	200V	1.5	2	25	25	2"	<430V	≥2000W	GBSL-HDC		25	20	16	13	9	5	2
4SSP30/36-300/2200-HV	300V	2.2	3	36	30	2"	<490V	≥3000W	GBSL-HDC		36	30	28	25	19	16	13

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	2	3	4	5	6	7
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	13	50	67	73	100	117
4SSP4.5/203-200/1500-A/D	110V-240V	60V-430V	1.5	2	203	4.5	1.25"	<430V	≥2000W	GBSL-HAD	H(m)	203	140	100	40			
4SSP5/67-110/750-A/D	110V-240V	60V-430V	0.75	1	67	5	1.25"	<430V	≥1000W	GBSL-HAD		67	52	42	25			
4SSP5/101-150/1100-A/D	110V-240V	60V-430V	1.1	1.2	101	5	1.25"	<430V	≥1500W	GBSL-HAD		101	78	60	30			
4SSP5/146-200/1300-A/D	110V-240V	60V-430V	1.3	1.75	146	5	1.25"	<430V	≥1800W	GBSL-HAD		146	103	78	45			
4SSP5/255-300/2200-A/D	180V-240V	60V-430V	2.2	3	255	5	1.25"	<430V	≥3000W	GBSL-HAD		255	180	136	78			
4SSP7/80-200/1300-A/D	110V-240V	60V-430V	1.3	1.75	80	7	1.25"	<430V	≥1800W	GBSL-HAD		80	70	60	50	38	20	
4SSP7/100-200/1500-A/D	110V-240V	60V-430V	1.5	2	100	7	1.25"	<430V	≥2000W	GBSL-HAD		100	84	78	60	43	28	
4SSP7/150-300/2200-A/D	180V-240V	60V-430V	2.2	3	150	7	1.25"	<430V	≥3000W	GBSL-HAD		150	126	110	90	65	36	
4SSP9/72-200/1500-A/D	110V-240V	60V-430V	1.5	2	72	9	2"	<430V	≥2000W	GBSL-HAD		72	64	60	55	46	38	31
4SSP9/120-300/2200-A/D	180V-240V	60V-430V	2.2	3	120	9	2"	<430V	≥3000W	GBSL-HAD		120	104	96	90	78	66	54

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	8	12	16	20	24	28
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	133	200	267	333	400	467
4SSP19/34-200/1500-A/D	110V-240V	60V-430V	1.5	2	34	19	2"	<430V	≥2000W	GBSL-HAD	H(m)	34	25	18	9			
4SSP19/57-300/2200-A/D	180V-240V	60V-430V	2.2	3	57	19	2"	<430V	≥3000W	GBSL-HAD		57	40	28	15			
4SSP25/25-200/1500-A/D	110V-240V	60V-430V	1.5	2	25	25	2"	<430V	≥2000W	GBSL-HAD		25	20	17	13	9	2	
4SSP30/36-300/2200-A/D	180V-240V	60V-430V	2.2	3	36	30	2"	<430V	≥3000W	GBSL-HAD		36	31	28	24	18	13	7

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	1	2	3	4	5	6
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	17	13	50	67	73	100
4SSP4.5/203-220/1500-A/D	150V-240V	300V-450V	1.5	2	203	4.5	1.25"	<450V	≥2000W	GBSL-HAD	H(m)	203	180	140	100	40		
4SSP5/67-220/750-A/D	150V-240V	300V-450V	0.75	1	67	5	1.25"	<450V	≥1000W	GBSL-HAD		67	62	52	42	25		
4SSP5/101-220/1100-A/D	150V-240V	300V-450V	1.1	1.2	101	5	1.25"	<450V	≥1500W	GBSL-HAD		101	90	78	60	30		
4SSP5/146-220/1300-A/D	150V-240V	300V-450V	1.3	1.75	146	5	1.25"	<450V	≥1800W	GBSL-HAD		146	126	103	78	45		
4SSP5/255-220/2200-A/D	150V-240V	300V-450V	2.2	3	255	5	1.25"	<450V	≥3000W	GBSL-HAD		255	220	180	136	78		
4SSP5/255-380/2200-A/D	350V-460V	480V-800V	2.2	3	255	5	1.25"	<800V	≥3000W	GBSL-HAD		255	220	180	136	78		
4SSP7/80-220/1300-A/D	150V-240V	300V-450V	1.3	1.75	80	7	1.25"	<450V	≥1800W	GBSL-HAD		80	75	70	60	50	38	20
4SSP7/100-220/1500-A/D	150V-240V	300V-450V	1.5	2	100	7	1.25"	<450V	≥2000W	GBSL-HAD		100	92	84	78	60	43	28
4SSP7/150-300/2200-A/D	180V-240V	60V-430V	2.2	3	150	7	1.25"	<430V	≥3000W	GBSL-HAD		150	138	126	110	90	65	36
4SSP7/150-380/2200-A/D	350V-460V	480V-800V	2.2	3	150	7	1.25"	<800V	≥3000W	GBSL-HAD		150	138	126	110	90	65	36
4SSP7/210-380/2200-A/D	350V-460V	480V-800V	3	4	210	7	1.25"	<800V	≥4000W	GBSL-HAD		210	190	163	140	100	70	35
4SSP7/265-380/2200-A/D	350V-460V	480V-800V	4	5.5	265	7	1.25"	<800V	≥5000W	GBSL-HAD		265	243	220	188	150	108	60

Free Spare Parts

4SSP SOLAR PUMP

* A/D means AC/DC

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	2	4	5	6	7	8
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	33	67	83	100	117	133
4SSP9/72-220/1500-A/D	150V-240V	300V-450V	1.5	2	72	9	2"	<450V	≥2000W	GBSL-HAD	H(m)	72	64	55	46	38	31	28
4SSP9/120-220/2200-A/D	150V-240V	300V-450V	2.2	3	120	9	2"	<450V	≥3000W	GBSL-HAD		120	104	90	78	66	54	40
4SSP9/120-380/2200-A/D	350V-460V	480V-800V	2.2	3	120	9	2"	<800V	≥3000W	GBSL-HAD		120	104	90	78	66	54	40
4SSP9/155-380/3000-A/D	350V-460V	480V-800V	3	4	155	9	2"	<800V	≥4000W	PV350(800)		155	135	110	97	80	57	30
4SSP9/200-380/4000-A/D	350V-460V	480V-800V	4	5.5	200	9	2"	<800V	≥5000W	PV350(800)		200	180	145	120	103	80	45

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	8	12	16	20	24	28
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	133	200	267	333	400	467
4SSP19/34-220/1500-A/D	150V-240V	300V-450V	1.5	2	34	19	2"	<450V	≥2000W	GBSL-HAD	H(m)	34	25	18	9			
4SSP19/57-220/2200-A/D	150V-240V	300V-450V	2.2	3	57	19	2"	<450V	≥3000W	GBSL-HAD		57	40	28	15			
4SSP19/57-380/2200-A/D	350V-460V	480V-800V	2.2	3	57	19	2"	<800V	≥3000W	GBSL-HAD		57	40	28	15			
4SSP19/90-380/3000-A/D	350V-460V	480V-800V	3	4	90	19	2"	<800V	≥4000W	GBSL-HAD		90	60	40	20			
4SSP19/135-380/4000-A/D	350V-460V	480V-800V	4	5.5	135	19	2"	<800V	≥5000W	PV350(800)		135	90	60	30			
4SSP25/25-220/1500-A/D	150V-240V	300V-450V	1.5	2	25	25	2"	<450V	≥2000W	GBSL-HAD		25	20	17	13	9	2	
4SSP30/36-220/2200-A/D	150V-240V	300V-450V	2.2	3	36	30	2"	<430V	≥3000W	GBSL-HAD		36	31	28	24	18	13	7
4SSP30/36-380/2200-A/D	350V-460V	480V-800V	2.2	3	36	30	2"	<800V	≥3000W	GBSL-HAD		36	31	28	24	18	13	7

4/6SSP SOLAR PUMP

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide-ranging performance ensures extreme flexibility.

Flow rate up to **600 L/min (36 m³/h)**

Head up to **135 m**

Application Limits

Max. immersion depth: 40m
Minimum well diameter: 6"

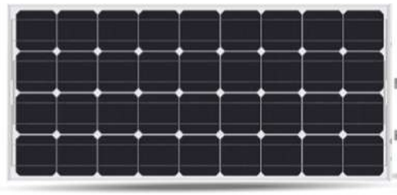
Construction

Outlet: Stainless steel.
Pump Body: stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.


Impeller/SUS304


NSK Bearing


PMSM




GBSL-DC


GBSL-HDC/GBSL-HAD


PV350(800)

Free Spare Parts

4/6SSP SOLAR PUMP

* HV means high voltage model

Model	Voltage	Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	4	8	12	16	20	24	28
		kW	HP	m	m³/h	Inch	open voltage	power	model	Q (L/min)	0	67	133	200	267	333	400	467
4/6SSP26/18-110/1100	110V	1.1	1.5	18	26	2"	<210V	≥1500W	GBSL-DC	H(m)	18	17	16	13	11	7	2	
4/6SSP30/31-110/1500	110V	1.5	2	31	30	2"	<210V	≥2000W	GBSL-DC		31	28	27	25	21	17	12	6
4/6SSP30/31-200/1500-HV	200V	1.5	2	31	30	3"	<430V	≥2000W	GBSL-HDC		31	28	27	25	21	17	12	6
4/6SSP30/52-300/2200-HV	300V	2.2	3	52	30	3"	<490V	≥3000W	GBSL-HDC		52	47	44	40	35	30	22	10
4/6SSP36/38-300/2200-HV	300V	2.2	3	38	36	3"	<490V	≥3000W	GBSL-HDC		38	37	34	30	27	22	18	14

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	5	10	15	20	25	30	35
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	power	model	Q (L/min)	0	83	167	250	333.3	417	500	583
4/6SSP30/31-220/1500	150V-240V	300V-450V	1.5	2	31	30	3"	<450V	≥2000W	GBSL-HAD	H(m)	31	28	23	19	13	8		
4/6SSP36/38-220/2200	150V-240V	300V-450V	2.2	3	38	36	3"	<450V	≥3000W	GBSL-HAD		38	36	33	30	25	20	12	4
4/6SSP36/38-380/2200	350V-460V	480V-800V	2.2	3	38	36	3"	<800V	≥3000W	GBSL-HAD		38	36	33	30	25	20	12	4
4/6SSP36/56-380/3000	350V-460V	480V-800V	3	4	56	36	3"	<800V	≥4000W	PV350(800)		56	52	50	45	38	29	19	5
4/6SSP36/75-380/4000	350V-460V	480V-800V	4	5.5	75	36	3"	<800V	≥5000W	PV350(800)		75	71	66	58	48	37	23	6
4/6SSP36/98-380/5500	350V-460V	480V-800V	5.5	7.5	98	36	3"	<800V	≥6000W	PV350(800)		98	93	85	76	63	47	28	7
4/6SSP36/135-380/7500	350V-460V	480V-800V	7.5	10	135	36	3"	<800V	≥8000W	PV350(800)		135	127	116	103	85	64	39	9

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	4	8	12	16	20	24	28
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	power	model	Q (L/min)	0	67	133	200	267	333	400	467
4/6SSP30/31-200/1500-A/D	110V-240V	60V-430V	1.5	2	31	30	3"	<430V	≥2000W	GBSL-HAD	H(m)	31	28	27	25	21	17	12	6
4/6SSP30/52-300/2200-A/D	180V-240V	60V-430V	2.2	3	52	36	3"	<430V	≥3000W	GBSL-HAD		52	47	44	40	35	30	22	10
4/6SSP36/38-300/2200-A/D	180V-240V	60V-430V	2.2	3	38	36	3"	<430V	≥3000W	GBSL-HAD		38	37	34	30	27	22	18	14
4/6SSP30/50-380/3000-A/D	350V-460V	480V-800V	3	4	50	36	3"	<800V	≥4000W	PV350(800)		50	46	42	38	30	20	16	9
4/6SSP30/72-380/4000-A/D	350V-460V	480V-800V	4	5.5	72	36	3"	<800V	≥5000W	PV350(800)		72	65	58	50	42	34	20	12
4/6SSP30/96-380/5500-A/D	350V-460V	480V-800V	5.5	7.5	96	36	3"	<800V	≥6000W	PV350(800)		96	90	78	67	54	40	25	13
4/6SSP30/120-380/7500-A/D	350V-460V	480V-800V	7.5	10	120	36	3"	<800V	≥8500W	PV350(800)		120	110	96	80	68	50	30	14

Free Spare Parts

6SSP SOLAR PUMP

PMSM

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. Submersible solar pumps use solar energy to pump and transport water. It is a pump that is immersed in water. It is the most attractive water supply method in the sun-rich regions of the world today, especially in remote areas that lack electricity and electricity. It is mainly used for domestic water supply, agricultural irrigation, garden watering and so on. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide-ranging performance ensures extreme flexibility.

Flow rate up to **2167 L/min (130 m³/h)**

Head up to **270 m**

Application Limits

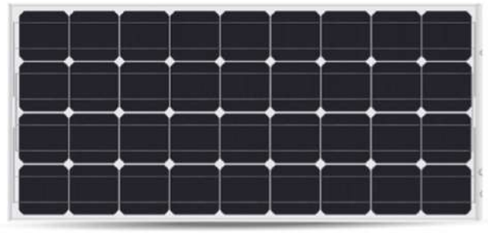
Max. Immersion depth: 40m
Minimum well diameter: 6"

Construction

Outlet: Stainless steel.
Pump Body: stainless steel.
Motor Body: Stainless steel.
Bearing: NSK/ C&U.

Impeller/SUS304

NSK Bearing



PV350(800)

Model	Voltage		Power		Max head	Max.flow	Outlet	Solar Panel		Controller	Q (m³/h)	0	10	20	30	35	40	50	60	70	90	110
	AC	DC	kW	HP	m	m³/h	Inch	open voltage	Power	model	Q (L/min)	0	167	333	500	583	667	833	1000	1167	1500	1833
6SSP36/60-380/3000	350V-460V	480v-800v	3	4	60	36	3"	<800V	≥4000W	PV350(800)	H(m)	60	50	38	18	5						
6SSP36/77-380/4000	350V-460V	480v-800v	4	5.5	77	36	3"	<800V	≥5000W	PV350(800)		77	62	50	21	7						
6SSP36/98-380/5500	350V-460V	480v-800v	5.5	7.5	98	36	3"	<800V	≥6000W	PV350(800)		98	82	61	30	8						
6SSP36/135-380/7500	350V-460V	480v-800v	7.5	10	135	36	3"	<800V	≥8500W	PV350(800)		135	118	88	40	10						
6SSP36/175-380/9200	350V-460V	480v-800v	9.2	12.5	175	36	3"	<800V	≥10000W	PV350(800)		175	151	113	50	14						
6SSP36/210-380/11000	350V-460V	480v-800v	11	15	210	36	3"	<800V	≥15000W	PV350(800)		210	183	135	60	16						
6SSP36/270-380/15000	350V-460V	480v-800v	15	20	270	36	3"	<800V	≥20000W	PV350(800)		270	233	170	78	18						
6SSP70/40-380/4000	350V-460V	480v-800v	4	5.5	40	70	3"	<800V	≥5000W	PV350(800)		40	38	36	32	31	29	23	10			
6SSP70/60-380/5500	350V-460V	480v-800v	5.5	7.5	60	70	3"	<800V	≥6000W	PV350(800)		60	57	53	46	42	37	29	16			
6SSP70/80-380/7500	350V-460V	480v-800v	7.5	10	80	70	3"	<800V	≥8500W	PV350(800)		80	76	71	60	55	52	38	23			
6SSP70/100-380/9200	350V-460V	480v-800v	9.2	12.5	100	70	3"	<800V	≥10000W	PV350(800)		100	95	89	77	72	68	52	31			
6SSP70/120-380/11000	350V-460V	480v-800v	11	15	120	70	3"	<800V	≥15000W	PV350(800)		120	114	107	96	90	84	68	42			
6SSP70/160-380/15000	350V-460V	480v-800v	15	20	160	70	3"	<800V	≥20000W	PV350(800)		160	152	142	128	120	110	83	51			
6SSP95/66-380/7500	350V-460V	480v-800v	7.5	10	66	95	3"	<800V	≥8500W	PV350(800)		66	63	58	54	52	49	47	37	29	7	
6SSP95/88-380/11000	350V-460V	480v-800v	11	15	88	95	3"	<800V	≥15000W	PV350(800)		88	85	79	73	70	67	57	50	38	10	
6SSP95/110-380/15000	350V-460V	480v-800v	15	20	110	95	3"	<800V	≥20000W	PV350(800)		110	107	100	94	90	85	73	62	49	13	
6SSP130/60-380/15000	350V-460V	480v-800v	15	20	60	130	3"	<800V	≥20000W	PV350(800)		60	58	55	53	52	50	47	43	39	29	16

Free Spare Parts

3SQGD SOLAR PUMP(SHIELDED MOTOR)

Installation And Use

This series of pumps is a centrifugal multistage deep well pump with a shielded brushless permanent magnet motor and a built-in controller. It not only meets the applicable environment of daily well pumps, such as agricultural irrigation, household water supply, etc.; it can also be applied to scenarios such as drought resistance, desert greening, desert control, grassland animal husbandry, etc. Due to the shielded motor structure with built-in controller, this series of pumps has the advantages of reliable structure, long life, high efficiency and low noise.

Flow rate up to 33 L/min (2 m³/h)

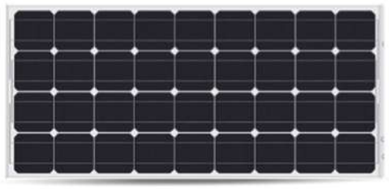
Head up to 140 m

Application Limits

Liquid temperature: 40°C.
The volume ratio of solid impurities in the medium must not exceed 0.1% and the particle size must not exceed more than 0.2 mm.

Construction

Pump body: Stainless steel.
Rotor: with permanent magnets.
Bearings: Water self-lubricating graphite bearing.
Motors: Permanent magnet brushless DC motor.
Insulation class: Class F.
Protection class: IP 68.



MPPT

Screw

Bearing

HOUSEHOLD MUNICIPAL

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Controller	Q (m³/h)	0	0.6	0.8	1	1.2	1.4	1.6
	DC	kW	m	m³/h	Inch	open voltage	Power		model	Q (L/min)	0	10	13	17	20	23	27
3SQGD1.1/70-24/300-WE	20-40V	0.3	70	1.1	1.5"	<48V	≥400W	450W*1*1	GBSL-24DC-WE	H(m)	70	70	50	10			
3SQGD1.1/100-48/600-WE	40-90V	0.6	100	1.1	1.5"	<96V	≥700W	450W*2*1	GBSL-48DC-WE		100	60	30	10			
3SQGD1.6/60-24/300-WE	20-40V	0.3	60	1.5	1.5"	<48V	≥400W	450W*1*1	GBSL-24DC-WE		60	60	60	55	50	30	10
3SQGD1.6/80-48/600-WE	40-90V	0.6	80	1.6	1.5"	<96V	≥700W	450W*2*1	GBSL-48DC-WE		80	80	80	80	60	30	10
3SQGD1.6/110-72/1000-WE	65-110V	1	110	1.6	1.5"	<150V	≥1200W	450W*3*1	GBSL-72DC-WE		110	110	104	96	70	30	10
3SQGD1.6/140-72/1000-WE	65-110V	1	140	1.6	1.5"	<180V	≥1200W	450W*3*1	GBSL-72DC-WE		140	130	110	100	60	30	

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Controller	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2
	DC	kW	m	m³/h	Inch	open voltage	Power		model	Q (L/min)	0	5	10	15	20	25	30	33
3SQGD2/60-48/600-WE	40-76V	0.6	60	2.0	1.5"	<96V	≥700W	450W*2*1	GBSL-48DC-WE	H(m)	60	58	55	40	36	25	10	
3SQGD2/80-72/1000-WE	80-110V	1	80	2.0	1.5"	<150V	≥1200W	450W*3*1	GBSL-72DC-WE		80	78	78	77	70	50	25	10
3SQGD2/110-110/1200-WE	80-150V	1.2	110	2.0	1.5"	<180V	≥1300W	450W*3*1	GBSL-110DC-WE		110	109	108	100	80	50	26	10

Free Spare Parts

3SSD SOLAR PUMP(SHIELDED MOTOR)

Installation And Use

This series of pumps is a centrifugal multistage deep well pump with a shielded brushless permanent magnet motor and a built-in controller. It not only meets the applicable environment of daily well pumps, such as agricultural irrigation, household water supply, etc.; it can also be applied to scenarios such as drought resistance, desert greening, desert control, grassland animal husbandry, and seawater desalination. Due to the shielded motor structure with built-in controller, this series of pumps has the advantages of reliable structure, long life, high efficiency and low noise.

Flow rate up to 130 L/min (7.8 m³/h)

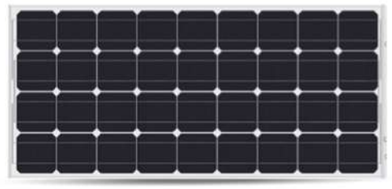
Head up to 120 m

Application Limits

Liquid temperature: 40°C.
The volume ratio of solid impurities in the medium must not exceed 0.1% and the particle size must not exceed more than 0.2 mm.

Construction

Pump body: Stainless steel
Impeller: POM
Rotor: with permanent magnets
Bearings: Water self-lubricating graphite bearing
Motors: Permanent magnet brushless DC motor
Insulation class: Class F
Protection class: IP 68



Impeller

Bearing

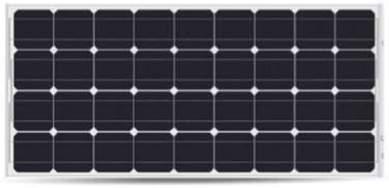
HOUSEHOLD MUNICIPAL

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	1	2	3	4	5	6	7
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	17	33	50	67	83	100	117
3SSD3.5/40-24/300-WN	20-40V	0.3	40	3.5	1.5"	<48V	≥400W	450W*1*1	H(m)	40	34	20	10				
3SSD3.6/88-48/600-WN	40-90V	0.6	88	3.6	1.5"	<96V	≥700W	450W*2*1		88	72	48	24				
3SSD4.0/100-72/1000-WN	90-110V	1	100	4.0	1.5"	<150V	≥1200W	450W*3*1		100	92	63	33				
3SSD4.0/120-110/1200-WN	96-130V	1.2	120	4.0	1.5"	<180V	≥1300W	450W*3*1		120	108	85	50				
3SSD6.0/23-24/300-WN	20-40V	0.3	23	6.0	1.5"	<48V	≥400W	450W*1*1		23	21	18	15	12	7		
3SSD7.6/38-48/600-WN	40-90V	0.6	38	7.6	1.5"	<96V	≥700W	450W*2*1		38	36	35	32	28	20	13	6
3SSD7.4/54-72/1000-WN	90-110V	1	54	7.4	1.5"	<150V	≥1200W	450W*3*1		54	53	50	43	36	26	10	6
3SSD7.8/61-110/1200-WN	96-130V	1.2	61	7.8	1.5"	<180V	≥1300W	450W*3*1		61	57	54	52	46	38	25	16

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	1	2	3	4	5	6	7
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	17	33	50	67	83	100	117
3SSD3.6/88-220/600-A/D-WN	180V-240V	0.6	88	3.6	1.5"	<440V	≥700W	450W*2*1	H(m)	88	72	48	24				
3SSD4.0/100-220/1000-A/D-WN	180V-240V	1	100	4.0	1.5"	<440V	≥1200W	450W*3*1		100	92	63	33				
3SSD4.0/120-220/1200-A/D-WN	180V-240V	1.2	120	4.0	1.5"	<440V	≥1300W	450W*3*1		120	108	85	50				
3SSD7.6/38-220/600-A/D-WN	180V-240V	0.6	38	7.6	1.5"	<440V	≥700W	450W*2*1		38	36	35	32	28	20	13	6
3SSD7.4/54-220/1000-A/D-WN	180V-240V	1	54	7.4	1.5"	<440V	≥1200W	450W*3*1		54	53	50	43	36	26	10	6
3SSD7.8/61-220/1200-A/D-WN	180V-240V	1.2	61	7.8	1.5"	<440V	≥1300W	450W*3*1		61	57	54	52	46	38	25	16

Free Spare Parts

4SSD SOLAR PUMP(SHIELDED MOTOR)



Installation And Use

This series of pumps is a centrifugal multistage deep well pump with a shielded brushless permanent magnet motor and a built-in controller. It not only meets the applicable environment of daily well pumps, such as agricultural irrigation, household water supply, etc.; it can also be applied to scenarios such as drought resistance, desert greening, desert control, grassland animal husbandry, and seawater desalination. Due to the shielded motor structure with built-in controller, this series of pumps has the advantages of reliable structure, long life, high efficiency and low noise.

Flow rate up to 130 L/min (7.8 m³/h)

Head up to 120 m

Application Limits

Liquid temperature: 40°C.
The volume ratio of solid impurities in the medium must not exceed 0.1% and the particle size must not exceed more than 0.2 mm.

Construction

Pump body: Stainless steel
Impeller: POM
Rotor: with permanent magnets
Bearings: Water self-lubricating graphite bearing
Motors: Permanent magnet brushless DC motor
Insulation class: Class F
Protection class: IP 68

Impeller

Bearing

HOUSEHOLD MUNICIPAL

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	8	17	25	33	42	50	58
4SSD3.5/220-220/1800-WN	60-450V	1.8	220	3.5	2"	<450V	≥2400W	450W*6*1	H(m)	220	200	150	125	90	60	30	
4SSD3.5/280-220/2200-WN	60-450V	2.2	280	3.5	2"	<450V	≥2800W	450W*7*1		280	260	200	155	120	80	40	
4SSD3.6/357-220/3000-WN	60-450V	3	357	3.6	2"	<450V	≥4000W	450W*9*1		357	320	240	190	150	90	58	8

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	0.8	1.6	2.4	3.2	4	4.8	5.6
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	13	27	40	53	67	80	93
4SSD5.2/54-48/600-WN	40-90V	0.6	54	5.2	2"	<96V	≥700W	450W*2*1	H(m)	54	52	48	41	32	25	12	
4SSD4.9/82-72/1000-WN	90-110V	1	82	4.9	2"	<150V	≥1200W	450W*3*1		82	68	57	47	35	20	3	
4SSD5.0/112-110/1200-WN	96-130V	1.2	112	5.0	2"	<180V	≥1300W	450W*3*1		112	100	80	65	50	30	10	
4SSD5.6/142-220/1800-WN	60-450V	1.8	142	5.6	2"	<450V	≥2400W	450W*6*1		142	130	120	103	86	70	35	
4SSD5.7/198-220/2200-WN	60-450V	2.2	198	5.7	2"	<450V	≥2800W	450W*7*1		198	178	155	130	105	80	60	20
4SSD5.6/260-220/3000-WN	60-450V	3	260	5.6	2"	<450V	≥4000W	450W*9*1		260	240	220	190	160	120	80	

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	1	2	3	4	5	6	7
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	17	33	50	67	83	100	117
4SSD5.9/55-48/600-WN	40-90V	0.6	55	5.9	2"	<96V	≥700W	450W*2*1	H(m)	55	49	40	30	23	10		
4SSD6.5/72-72/1000-WN	90-110V	1	72	6.5	2"	<150V	≥1200W	450W*3*1		72	60	55	45	35	25	10	
4SSD5.9/92-110/1200-WN	96-130V	1.2	92	5.9	2"	<180V	≥1300W	450W*3*1		92	80	70	51	39	24		
4SSD7.2/126-220/1800-WN	60-450V	1.8	126	7.2	2"	<450V	≥2400W	450W*6*1		126	118	110	95	78	58	38	10
4SSD7.4/160-220/2200-WN	60-450V	2.2	160	7.4	2"	<450V	≥2800W	450W*7*1		160	155	142	130	110	90	50	20
4SSD7.7/224-220/3000-WN	60-450V	3	224	7.7	2"	<450V	≥4000W	450W*9*1		224	200	180	160	130	110	70	30

Free Spare Parts

4SSD SOLAR PUMP(SHIELDED MOTOR)

HOUSEHOLD MUNICIPAL

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	1.5	3	4.5	6	7.5	9
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	25	50	75	100	125	150
4SSD5.6/20-24/300-WN	20-40V	0.3	20	5.6	2"	<48V	≥400W	450W*1*1	H(m)	20	17	12	5			
4SSD8.1/43-48/600-WN	40-90V	0.6	43	8.1	2"	<96V	≥700W	450W*2*1		43	41	36	27	17	5	
4SSD9.3/47-72/1000-WN	90-110V	1	47	9.3	2"	<150V	≥1200W	450W*3*1		47	45	43	39	31	20	7
4SSD9/61-110/1200-WN	96-130V	1.2	61	9.0	2"	<180V	≥1300W	450W*3*1		61	58	55	48	32	17	
4SSD9.1/105-220/1800-WN	60-450V	1.8	105	9.1	2"	<450V	≥2400W	450W*6*1		105	102	93	72	53	30	3
4SSD9.4/142-220/2200-WN	60-450V	2.2	142	9.4	2"	<450V	≥2800W	450W*7*1		142	135	130	100	72	40	10
4SSD8.7/222-220/3000-WN	60-450V	3	222	8.7	2"	<450V	≥4000W	450W*9*1		222	190	168	130	90	40	

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	2	4	6	8	10	12	14
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	33	67	100	133	167	200	233
4SSD13.1/38-72/1000-WN	90-110V	1	38	13.1	2"	<150V	≥1200W	450W*3*1	H(m)	38	35	27	23	18	10	4	
4SSD10.8/52-110/1200-WN	96-130V	1.2	52	10.8	2"	<180V	≥1300W	450W*3*1		52	48	36	30	20	10		
4SSD13.9/76-220/1800-WN	60-450V	1.8	76	13.9	2"	<450V	≥2400W	450W*6*1		76	64	57	48	38	29	12	
4SSD15.1/104-220/2200-WN	60-450V	2.2	104	15.1	2"	<450V	≥2800W	450W*7*1		104	90	80	70	60	40	30	10
4SSD14.3/135-220/3000-WN	60-450V	3	135	14.3	2"	<450V	≥4000W	450W*9*1		135	120	108	96	70	50	30	10

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	2.5	5	7.5	10	12.5	15	17.5
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	42	83	125	167	208	250	292
4SSD10.5/10-24/300-WN	20-40V	0.3	10	10.5	2"	<48V	≥400W	450W*1*1	H(m)	10	7.5	4	2.8	0.8			
4SSD15.1/21-48/600-WN	40-90V	0.6	21	15.1	2"	<96V	≥700W	450W*2*1		21	20.5	17	13	8	5		
4SSD15.6/30-72/1000-WN	90-110V	1	30	15.6	2"	<150V	≥1200W	450W*3*1		30	27	22	15	12	7	3	
4SSD14.8/47-110/1200-WN	96-130V	1.2	47	14.8	2"	<180V	≥1300W	450W*3*1		47	45	40	22	16	8		
4SSD17/67-220/1800-WN	60-450V	1.8	67	17	2"	<450V	≥2400W	450W*6*1		67	55	43	33	28	25	10	
4SSD17.3/100-220/2200-WN	60-450V	2.2	17.3	100	2"	<450V	≥2800W	450W*7*1		100	75	58	43	35	28	15	
4SSD17.6/116-220/3000-WN	60-450V	3	17.6	116	2"	<450V	≥4000W	450W*9*1		116	98	78	65	55	40	20	3

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	4	8	12	16	20	24
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	67	133	200	267	333	400
4SSD18.8/23-110/1200-WN	96-130V	1.2	23	18.8	2"	<180V	≥1300W	450W*3*1	H(m)	23	21	17	13	6		
4SSD22.5/47-220/1800-WN	60-450V	1.8	47	22.5	2"	<450V	≥2400W	450W*6*1		47	38	33	24	17	7	
4SSD23.7/62-220/2200-WN	60-450V	2.2	62	23.7	2"	<450V	≥2800W	450W*7*1		62	51	40	30	23	12	
4SSD26.7/70-220/3000-WN	60-450V	3	70	26.7	2"	<450V	≥4000W	450W*9*1		70	62	51	42	34	21	10

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	5	10	15	20	25	30
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	83	167	250	333	417	500
4SSD3.5/220-220/1800-WN	60-450V	1.8	220	3.5	2"	<450V	≥2400W	450W*6*1	H(m)	21	17	14	11	8	3	
4SSD3.5/280-220/2200-WN	60-450V	2.2	280	3.5	2"	<450V	≥2800W	450W*7*1		33	31	25	22	17	11	1
4SSD3.6/357-220/3000-WN	60-450V	3	357	3.6	2"	<450V	≥4000W	450W*9*1		48	42	37	31	26	16	6

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	8	17	25	33	42	50	58
4SSD3.5/220-220/1800-A/D-WN	180V-240V	1.8	220	3.5	2"	<440V	≥2400W	450W*6*1	H(m)	220	200	150	125	90	60	30	
4SSD3.5/280-220/2200-A/D-WN	180V-240V	2.2	280	3.5	2"	<440V	≥2800W	450W*7*1		280	260	200	155	120	80	40	
4SSD3.6/357-220/3000-A/D-WN	180V-240V	3	357	3.6	2"	<440V	≥4000W	450W*9*1		357	320	240	190	150	90	58	8

Free Spare Parts

SOLAR PUMP

4SSD SOLAR PUMP(SHIELDED MOTOR)

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	0.8	1.6	2.4	3.2	4	4.8	5.6
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	13	27	40	53	67	80	93
4SSD5.2/54-220/600-A/D-WN	180V-240V	0.6	54	5.2	2"	<440V	≥700W	450W*2*1	H(m)	54	52	48	41	32	25	12	
4SSD4.9/82-220/1000-A/D-WN	180V-240V	1	82	4.9	2"	<440V	≥1200W	450W*3*1		82	68	57	47	35	20	3	
4SSD5/112-220/1200-A/D-WN	180V-240V	1.2	112	5.0	2"	<440V	≥1300W	450W*3*1		112	100	80	65	50	30	10	
4SSD5.6/142-220/1800-A/D-WN	180V-240V	1.8	142	5.6	2"	<440V	≥2400W	450W*6*1		142	130	120	103	86	70	35	
4SSD5.7/198-220/2200-A/D-WN	180V-240V	2.2	198	5.7	2"	<440V	≥2800W	450W*7*1		198	178	155	130	105	80	60	20
4SSD5.6/260-220/3000-A/D-WN	180V-240V	3	260	5.6	2"	<440V	≥4000W	450W*9*1		260	240	220	190	160	120	80	

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	1	2	3	4	5	6	7
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	17	33	50	67	83	100	117
4SSD5.9/55-220/600-A/D-WN	180V-240V	0.6	55	5.9	2"	<440V	≥700W	450W*2*1	H(m)	55	49	40	30	23	10		
4SSD6.5/72-220/1000-A/D-WN	180V-240V	1	72	6.5	2"	<440V	≥1200W	450W*3*1		72	60	55	45	35	25	10	
4SSD5.9/92-220/1200-A/D-WN	180V-240V	1.2	92	5.9	2"	<440V	≥1300W	450W*3*1		92	80	70	51	39	24		
4SSD7.2/126-220/1800-A/D-WN	180V-240V	1.8	126	7.2	2"	<440V	≥2400W	450W*6*1		126	118	110	95	78	58	38	10
4SSD7.4/160-220/2200-A/D-WN	180V-240V	2.2	160	7.4	2"	<440V	≥2800W	450W*7*1		160	155	142	130	110	90	50	20

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	1.5	3	4.5	6	7.5	9
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	25	50	75	100	125	150
4SSD8.1/43-220/600-A/D-WN	180V-240V	0.6	43	8.1	2"	<440V	≥700W	450W*2*1	H(m)	43	41	36	27	17	5	
4SSD9.3/47-220/1000-A/D-WN	180V-240V	1	47	9.3	2"	<440V	≥1200W	450W*3*1		47	45	43	39	31	20	7
4SSD9/61-220/1200-A/D-WN	180V-240V	1.2	61	9.0	2"	<440V	≥1300W	450W*3*1		61	58	55	48	32	17	
4SSD9.4/142-220/2200-A/D-WN	180V-240V	1.8	142	9.4	2"	<440V	≥2400W	450W*7*1		142	135	130	100	72	40	10
4SSD8.7/222-220/3000-A/D-WN	180V-240V	2.2	222	8.7	2"	<440V	≥2800W	450W*9*1		222	190	168	130	90	40	

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	2	4	6	8	10	12	14
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	33	67	100	133	167	200	233
4SSD13.1/38-220/1000-A/D-WN	180V-240V	1	38	13.1	2"	<440V	≥1200W	450W*3*1	H(m)	38	35	27	23	18	10	4	
4SSD10.8/52-220/1200-A/D-WN	180V-240V	1.2	52	10.8	2"	<440V	≥1300W	450W*3*1		52	48	36	30	20	10		
4SSD13.9/76-220/1800-A/D-WN	180V-240V	1.8	76	13.9	2"	<440V	≥2400W	450W*6*1		76	64	57	48	38	29	12	
4SSD15.1/104-220/2200-A/D-WN	180V-240V	2.2	104	15.1	2"	<440V	≥2800W	450W*7*1		104	90	80	70	60	40	30	10
4SSD14.3/135-220/3000-A/D-WN	180V-240V	3	135	14.3	2"	<440V	≥4000W	450W*9*1		135	120	108	96	70	50	30	10

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	2.5	5	7.5	10	12.5	15	17.5
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	42	83	125	167	208	250	292
4SSD15.1/21-220/600-A/D-WN	180V-240V	0.6	21	15.1	2"	<440V	≥700W	450W*2*1	H(m)	21	20.5	17	13	8	5		
4SSD15.6/30-220/1000-A/D-WN	180V-240V	1	30	15.6	2"	<440V	≥1200W	450W*3*1		30	27	22	15	12	7	3	
4SSD14.8/47-220/1200-A/D-WN	180V-240V	1.2	47	14.8	2"	<440V	≥1300W	450W*3*1		47	45	40	22	16	8		
4SSD17/67-220/1800-A/D-WN	180V-240V	1.8	67	17	2"	<440V	≥2400W	450W*6*1		67	55	43	33	28	25	10	
4SSD17.3/100-220/2200-A/D-WN	180V-240V	2.2	17.3	100	2"	<440V	≥2800W	450W*7*1		100	75	58	43	35	28	15	
4SSD17.6/116-220/3000-A/D-WN	180V-240V	3	17.6	116	2"	<440V	≥4000W	450W*9*1		116	98	78	65	55	40	20	3

Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	4	8	12	16	20	24
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	67	133	200	267	333	400
4SSD18.8/23-220/1200-A/D-WN	180V-240V	1.2	23	18.8	2"	<440V	≥1300W	450W*3*1	H(m)	23	21	17	13	6		
4SSD22.5/47-220/1800-A/D-WN	180V-240V	1.8	47	22.5	2"	<440V	≥2400W	450W*6*1		47	38	33	24	17	7	
4SSD23.7/62-220/2200-A/D-WN	180V-240V	2.2	62	23.7	2"	<440V	≥2800W	450W*7*1		62	51	40	30	23	12	
4SSD26.7/70-220/3000-A/D-WN	180V-240V	3	70	26.7	2"	<440V	≥4000W	450W*9*1		70	62	51	42	34	21	10

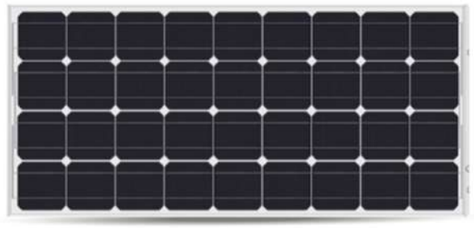
Model	Voltage	Power	Max head	Max.flow	Outlet	Solar Panel		Solar Panel recommendation	Q (m³/h)	0	5	10	15	20	25	30
	DC	kW	m	m³/h	Inch	open voltage	Power		Q (L/min)	0	83	167	250	333	417	500
4SSD27.8/21-220/1800-A/D-WN	180V-240V	1.8	220	3.5	2"	<440V	≥2400W	450W*6*1	H(m)	21	17	14	11	8	3	
4SSD31.3/33-220/2200-A/D-WN	180V-240V	2.2	280	3.5	2"	<440V	≥2800W	450W*7*1		33	31	25	22	17	11	1
4SSD33/48-220/3000-A/D-WN	180V-240V	3	357	3.6	2"	<440V	≥4000W	450W*9*1		48	42	37	31	26	16	6

SQB SOLAR PUMP

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. The solar surface pump used to increase water pressure. Allow water to be transported to higher and bigger ranges. Working with solar energy, it is the most attractive water supply method in the sun-rich regions of the world, especially in remote areas that lack electricity. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide-ranging performance ensures extreme flexibility.

PMSM



Flow rate up to **50 L/min (3 m³/h)**

Head up to **65 m**

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to + 40°C
Ambient temperature up to + 40 °C

Construction

Pump Body: Cast iron.
Impeller: Brass, with radial peripheral vans.
Motor Shaft: 45# steel or stainless steel 304.
Mechanical Seal: Ceramic-graphite.
Bearing: NSK/ C&U.

GBSL-HDC/GBSL-HAD

GBSL-DC

Model	Voltage	Power		Max head	Max.flow	Inlet/ Outlet Size	Controller	Q (m³/h)	0	0.4	0.8	1.2	1.6	2.0	2.4	2.8
		kW	HP	m	m³/h	Inch	model	Q (L/min)	0	7	13	20	27	33	40	47
SQB2/25-24/210	24	0.21	0.28	25	2	1*1"	GBSL-DC	H(m)	25	22	18	13	7	2		
SQB2/30-24/280	24	0.28	0.37	30	2	1*1"	GBSL-DC		30	26	21	14	8	3		
SQB3/50-48/550	48	0.55	0.7	50	3	1*1"	GBSL-DC		50	44	38	33	27	20	13	4
SQB3/65-72/750	72	0.75	1	65	3	1*1"	GBSL-DC		65	57	52	43	35	26	17	6
SQB3/65-220/750-A/D	AC220/DC300V	0.75	1	65	3	1*1"	GBSL-HAD		65	57	52	43	35	26	17	6

Free Spare Parts

SCPM SOLAR PUMP

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. The solar surface pump used to increase water pressure. Allow water to be transported to higher and bigger ranges. Working with solar energy, it is the most attractive water supply method in the sun-rich regions of the world, especially in remote areas that lack electricity. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide- ranging performance ensures extreme flexibility.

Flow rate up to **833 L/min (50 m³/h)**

Head up to **17 m**

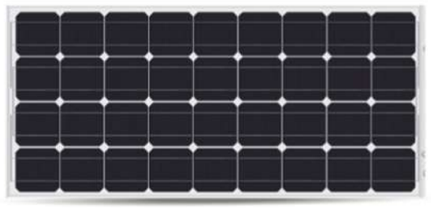
Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to + 40°C
Ambient temperature up to + 40 °C

Construction

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: 45# steel or stainless steel 304.
Mechanical Seal: Ceramic-graphite.
Bearing: NSK/ C&U.

PMSM



GBSL-HDC/GBSL-HAD

GBSL-DC

HOUSEHOLD MUNICIPAL

Model	Voltage	Power		Max head	Max.flow	Inlet/ Outlet Size	Controller	Q (m³/h)	0	2.0	4.0	6.0	8.0	12.0	16.0	20.0	24.0	28.0	36.0	44.0
		kW	HP	m	m³/h	Inch	model	Q (L/min)	0	33.3	67	100	133	200	267	333	400	467	600	733
SCPM6/30-48/550	48	0.55	0.75	30	6	1"	GBSL-DC	H(M)	30	25	16	2								
SCPM21/16-72/750	72	0.75	1	16	21	2"	GBSL-DC		16	15	14	14	13	10	7	2				
SCPM26/15-110/1100	110	1.1	1.5	15	26	2"	GBSL-DC		15	14	13	13	12	11	9	5	3			
SCPM27/21-110/1500	110	1.5	2	21	27	2"	GBSL-DC		21	21	20	19	18	16	13	10	6			
SCPM45/17-110/1500	110	1.5	2	17	45	3"	GBSL-DC		17	17	16	16	16	15	14	13	12	11	7	2
SCPM21/16-110/750-HV	110	0.75	1	16	21	2"	GBSL-HDC		16	15	14	14	13	10	7	2				
SCPM26/15-150/1100-HV	150	1.1	1.5	15	26	2"	GBSL-HDC		15	14	13	13	12	11	9	5	3			
SCPM27/21-200/1500-HV	200	1.5	2	21	27	2"	GBSL-HDC		21	21	20	19	18	16	13	10	6			
SCPM45/17-200/1500-HV	200	1.5	2	17	45	3"	GBSL-HDC		17	17	16	16	16	15	14	13	12	11	7	2
SCPM60/24-300/2200-HV	300	2.2	3	24	60	4"	GBSL-HDC		24	24	23	23	22	22	21	20	19	18	15	11
SCPM21/16-110/750-A/D	AC220/DC300V	0.75	1	16	21	2"	GBSL-HAD		16	15	14	14	13	10	7	2				
SCPM26/15-150/1100-A/D	AC220/DC300V	1.1	1.5	15	26	2"	GBSL-HAD		15	14	13	13	12	11	9	5	3			
SCPM27/21-200/1500-A/D	AC220/DC300V	1.5	2	21	27	2"	GBSL-HAD		21	21	20	19	18	16	13	10	6			
SCPM45/17-200/1500-A/D	AC220/DC300V	1.5	2	17	45	3"	GBSL-HAD		17	17	16	16	16	15	14	13	12	11	7	2
SCPM60/24-300/2200-A/D	AC220/DC300V	2.2	3	24	60	4"	GBSL-HAD		24	24	23	23	22	22	21	20	19	18	15	11

Free Spare Parts

SFCP SOLAR PUMP

Installation And Use

The whole device of solar pump is mainly composed of solar panel, control box and pump. The solar pool pumps use solar energy to drive pool pumps. It is the most attractive water supply method in the sun-rich regions of the world, especially in remote areas that lack electricity. It is mainly used for water circulation in swimming pool filtration systems. It is an ideal green energy system that integrates economy, reliability, and environmental benefits. In addition to the pump and renewable energy source, solar pump incorporates all necessary controls, communication and ancillary units delivered as one complete system. The system can be combined and adapted to any need, matching the conditions on the installation site. The choice of energy source and wide- ranging performance ensures extreme flexibility.

Flow rate up to **450 L/min (27 m³/h)**

Head up to **19 m**

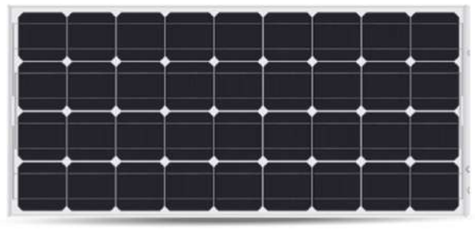
Application Limits

Liquid temperature + 40 °C
Ambient temperature up to + 40 °C

Construction

Pump Body: Polypropylene.
Pump Foot: Polypropylene.
Diffuser: Polypropylene.
Impeller: PP0.
Motor Shaft: Stainless steel 304.
Mechanical Seal: Sic-graphite.

PMSM



GBSL-HDC/GBSL-HAD

GBSL-DC

HOUSEHOLD MUNICIPAL

Model	Voltage	Power		Max head	Max.flow	Inlet/ Outlet Size	Controller	Q (m³/h)	0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0
		kW	HP	m	m³/h	Inch	model	Q (L/min)	0	33	66	100	133	167	200	233	267	300	333	366	400
SFCP15/14-48/500	48	0.5	0.7	14	15	2*2"	GBSL-DC	H(m)	14	13	12	11	9	7	5	2					
SFCP20/19-72/900	72	0.9	1.2	19	20	2*2"	GBSL-DC		19	18	17	15	13	11	9	7	5	3			
SFCP27/19-110/1200	110V	1.2	1.6	19	27	3*3"	GBSL-DC		19	18	17	17	15	14	12	22	9	7	6	5	3
SFCP20/19-110/900-A/D	AC220/DC300V	0.9	1.2	19	20	3*3"	GBSL-HAD		19	18	17	15	13	11	9	7	5	3			
SFCP27/19-200/1200-A/D	AC220/DC300V	1.2	1.6	19	27	3*3"	GBSL-HAD		19	18	17	17	15	14	12	22	9	7	6	5	3

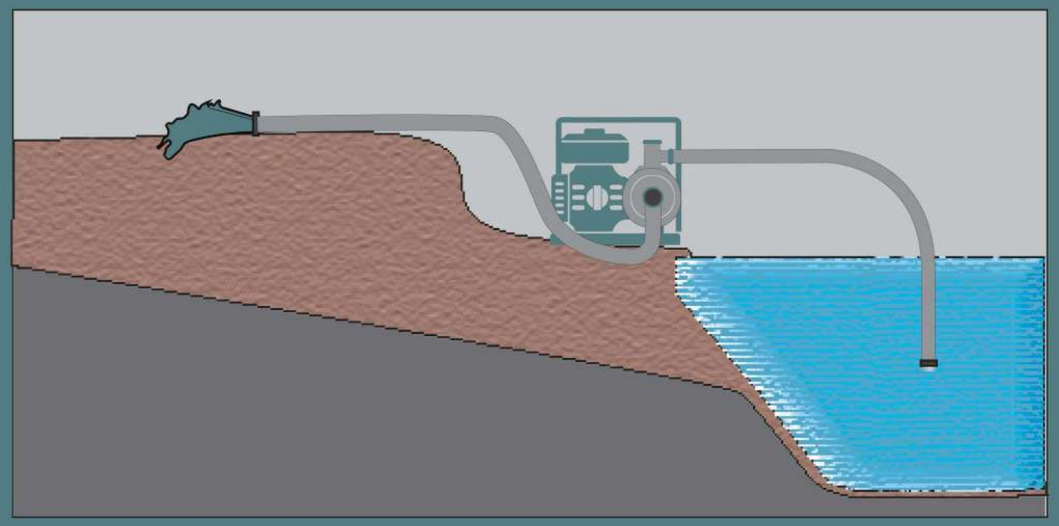
Free Spare Parts

ENGINE PUMP

The engine pump classification includes various gasoline engine pumps and diesel engine pumps. The engine pump body is made of cast iron or aluminum. These series of pumps have easy and fast starting, smooth operation and low vibration. Advanced desingn combustion chamber provides exceptional fuel efficiency and consistent power.

Application

Engine pumps are widely used in the plains, hills, mountain crops, orchards irrigation, construction plant, water pumping for mines and municipal drainage. This series of pumps should be installed in enclosed environment, or at least sheltered from inclement weather.



GASOLINE ENGINE PUMP

GF

I03

DIESEL ENGINE PUMP

GFD

I04

I04

GF GASOLINE ENGINE PUMP

Installation And Use

GF is a gasoline water pump, is an electric spark ignition internal combustion engine using gasoline as fuel. Gasoline engine generally adopts reciprocating piston structure, which is composed of body, crank connecting rod mechanism, valve distribution system, oil supply system, lubrication system and ignition system. They are particularly suitable for domestic or industrial applications. The pumps should be installed in enclosed environment,or at least sheltered from inclement weather.

Flow rate up to
170 m³/h

Head up to
70 m

Typology: Surface
Family: Centrifugal pump

Application Limits

Manometric suction lift up to 8 m
Dia.of inlet: 1"/1.5"/2.5"/ 3"/ 4"
Dia.of outlet: 1"/1.5"/2"/ 3"/ 4"
Max displacement: 170 m³

GF

GF-HP

GF-SP

GF25.4-G/40G2

GF-40G3

IRRIGATION INDUSTRY MUNICIPAL

	Engine	Type	Max.output power	Starting system	Fuel tank capacity	Continous operatiing time	Oil capacity	Dia.of inlet/ outlet	Suct. Max.	Max head	Max flow
GF40-HP-G1	GF170F	Single cylinder, air-cooled,4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	1.5"	7m	60m	20m³/h
GF50-HP-G1	GF170F	Single cylinder, air-cooled,4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	2"	7m	65m	30m³/h
GF80-HP-G1	GF190F	Single cylinder, air-cooled,4-stroke	15HP/3600rpm	Recoil	6L	6hours	1.1L	3"	7m	70m	55m³/h
GF80-SP-G1	GF170F	Single cylinder, air-cooled,4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	3"	7m	26m	60m³/h
GF25.4-G	GF1E40F-5	Single cylinder, air-cooled,2-stroke	1.7HP/7500rpm	Recoil	0.95L	4hours	/	1"	8m	30m	8m³/h
GF40-G2	GF1E40F-5	Single cylinder, air-cooled,2-stroke	1.7HP/7500rpm	Recoil	0.95L.	4hours	/	1.5"	8m	35m	15m³/h
GF40-G3	GF140F	Single cylinder, air-cooled,4-stroke	1.8HP/3600rpm	Recoil	1L	4hours	/	1.5"	8m	30m	15m³/h
GF50-G/G1	GF170F	Single cylinder, air-cooled,4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	2"	7m	28m	30m³/h
GF80-G/G1	GF170F	Single cylinder, air-cooled,4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	3"	7m	26m	60m³/h
GF100-1-G1	GF170F	Single cylinder, air-cooled,4-stroke	7HP/3600rpm	Recoil	3.6L	4hours	0.6L	4"	7m	23m	66m³/h
GF100-G1	GF190F	Single cylinder, air-cooled,4-stroke	15HP/3600rpm	Recoil	6L	3hours	1.1L	4"	7m	30m	90m³/h
GF150-G1	GF190F	Single cylinder, air-cooled,4-stroke	15HP/3600rpm	Recoil	6L	3hours	1.1L	6"	7m	20m	170m³/h

ENGINE PUMP

GFD DIESEL ENGINE PUMP

Installation And Use

GFD series pump is a diesel water pump. This pump has the advantages of reasonable structure, high efficiency, good cavitation performance, small vibration, low noise, stable, reliable and convenient installation and disassembly. As a result of their reliability and the fact that the complete set of water supply equipment of diesel engine can be used for automatic and manual water supply system of various enterprises, as well as fire water supply and occasions with special requirements. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to
82 m³/h

Head up to
28 m

Typology: Surface
Family: Centrifugal pump

Application Limits

Manometric suction lift up to 8 m
Dia.of inlet/outlet: 2"/ 3"/ 4"
Max displacement: 64m³

pump body

water outlet

water inlet

connector

impeller

impeller casing

inlet valve

pump body cover

IRRIGATION INDUSTRY MUNICIPAL

	Engine	Type	Max.output power	Starting system	Fuel tank capacity	Continous operatiing time	Oil capacity	Dia.of inlet/ outlet	Suct. Max.	Max head	Max flow
GFD50-G	GFD170F	Single cylinder,vertical, air-cooled,4-stroke, direct injection	4.0HP/3600rpm	Recoil	2.5L	4hours	0.75L	2"	7m	25m	22m³/h
GFD50E-G	GFD170F	Single cylinder,vertical, air-cooled,4-stroke, direct injection	4.0HP/3600rpm	Electric	2.5L	4hours	0.75L	2"	7m	25m	22m³/h
GFD80-G	GFD178F	Single cylinder,vertical, air-cooled,4-stroke, direct injection	5.5HP/3600rpm	Recoil	3.5L	4hours	1.1L	3"	7m	28m	36m³/h
GFD80E-G	GFD178F	Single cylinder,vertical, air-cooled,4-stroke, direct injection	5.5HP/3600rpm	Electric	3.5L	4hours	1.1L	3"	7m	28m	36m³/h
GFD100-G	GFD186FA	Single cylinder,vertical, air-cooled,4-stroke, direct injection	9HP/3600rpm	Recoil	5.5L	3hours	1.1L	4"	7m	25m	82m³/h
GFD100E-G	GFD186FA	Single cylinder,vertical, air-cooled,4-stroke, direct injection	9HP/3600rpm	Electric	5.5L	3hours	1.1L	4"	7m	25m	82m³/h

Model	Type	Max.output power	Dia.of inlet/ outle	Suct. Max.	Max head	Max flow
GFSU-50-G	2" high pressure towing pump, aluminum joint wrench, B slot pulley	5.5	2"	7m	28m	30m³/h
GFSU-80-G	3" drag pump, aluminum joint wrench, B slot pulley	6.5	3"	7m	24m	60m³/h
GFSU-100-G	4" drag pump, aluminum joint wrench, B slot pulley	9	4"	7m	21m	70m³/h
GFSU-50V-G	2" high pressure towing pump, aluminum joint wrench, B slot pulley	5.5	2"	8m	42m	29m³/h
GFSU-80V-G	3" high pressure towing pump, aluminum joint wrench, B slot pulley	6.5	3"	8m	31m	55m³/h

ENGINE PUMP

POOL AND SPA PUMP

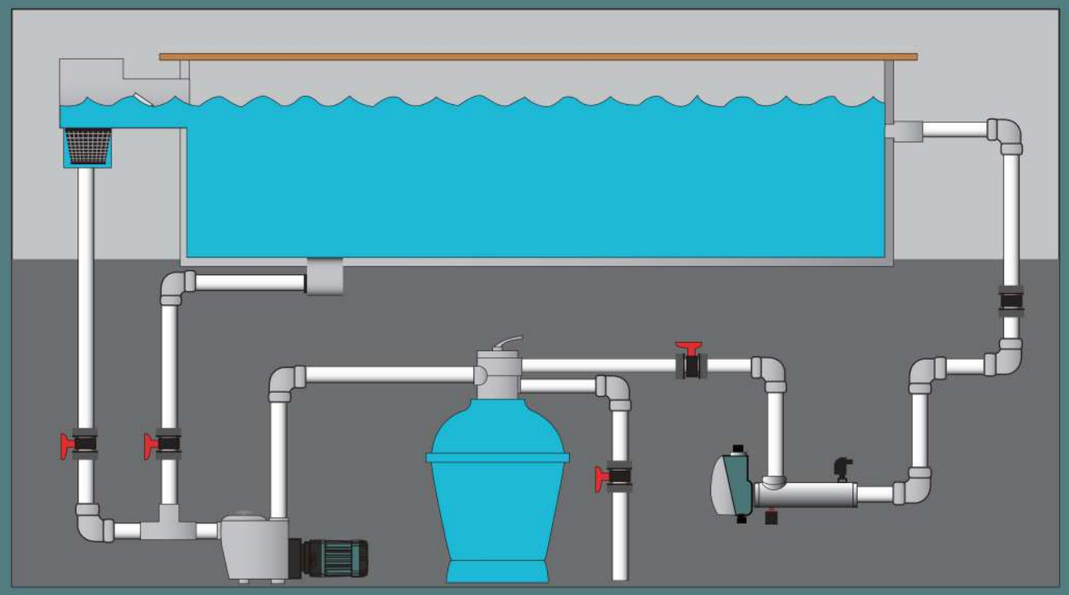
They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use and are economical,these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments.The pumps should be installed in enclosed environment,or at least sheltered from inclement weather.

HOUSEHOLD

SWIMMING POOL

Application

They are recommended for pumping clean water and liquids thatare chemically non aggressive for the materials of which the pumpis made.
Due to their Reliability, compact, economy and ease to use,they are particularly suitable for domestic and industrial applicationssuch as water supply for recirculation in air conditioners andrefrigerators, garden watering, watersuction from tanks or wells down to 9 meter depth. The pump isequipped with a check valve on the suction side SO that no footvalve is required. The pumps must be installed in enclosed places.



SWIMMING POOL PUMP

BATHTUB PUMP

SPA PUMP

AIR BLOWER

HEATER

FILTER

FCP SWIMMING POOL PUMP

Installation And Use

FCP series pumps are single-stage centrifugal pumps with built-in filters. They are suitable for medium-sized and commercial swimming pool circulation filtration and mariculture circulation filtration. Quiet operation due to c with superior internal flow channel design that reduces hydraulic noise. The oversized filter basket extends the time between cleaning; the transparent cover makes inspection quick and easy.

Flow rate up to 635 L/min (38.1 m³/h)

Head up to 19.5 m

Application Limits

Liquid temperature + 50 °C
Ambient temperature up to + 50 °C

Construction

Pump body and bottom: polypropylene
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase 220V/240V-50Hz, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	3	6	9	12	15
	kW	HP		m	m³/h	mm	Q (L/min)	0	50	100	150	200	250
FCP-250S	0.25	0.35	220V/50Hz	8	9.6	48.5or50	H(m)	8	7	5	2		
FCP-370S	0.37	0.5	220V/50Hz	11	12.6	48.5or50		11	10	7.7	5.7	3	
FCP-550S	0.55	0.75	220V/50Hz	10.5	14.4	48.5or50		10.5	10	8	7.7	4.5	
FCP-750S	0.75	1	220V/50Hz	11	16.5	48.5or50		11	10.5	9.3	8	6	4
FCP-900S	0.9	1.2	220V/50Hz	13	18	48.5or50		13	12.3	10.7	9.3	7.5	5.5

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	4.5	9	13.5	18	22.5	27	31.5	36
	kW	HP		m	m³/h	mm	Q (L/min)	0	75	150	225	300	375	450	525	600
FCP-1100S	1.1	1.5	220V/50Hz	16.5	25.8	60.3or63	H(m)	16.5	15	13.5	11.5	9.5	7.5			
FCP-1500S	1.5	2	220V/50Hz	18	31.2	60.3or63		18	16.5	15.5	14.5	13.5	12	10.5	9	
FCP-1850S	1.85	2.5	220V/50Hz	19	36	60.3or63		19	18.5	18	17	16	15	14	12.5	11
FCP-2200S	2.2	3	220V/50Hz	19.5	38.1	60.3or63		19.5	19.2	19	18	17	16.5	15.2	14	13

FMP SWIMMING POOL PUMP

Installation And Use

FMP series pumps are single-stage centrifugal pumps with built-in filters. They are suitable for mariculture circulation filtration, medium-sized and commercial swimming pool circulation filtration. Quiet operation due to superior internal flow channel design that reduces hydraulic noise. The oversized filter basket extends the time between cleaning; the transparent cover makes inspection quick and easy.

Flow rate up to 470 L/min (28.2m³/h)

Head up to 18.5 m

Application Limits

Liquid temperature + 50 °C
Ambient temperature up to + 50 °C

Construction

Pump body and bottom: polypropylene
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase 220V/240V-50Hz, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

FMP SWIMMING POOL PUMP

Model	Power		Voltage	Max head	Max.flow	Fiting Size	Q (m³/h)	0	1.5	3	4.5	6	7.5	9
	kW	HP		m	m³/h	mm	Q (L/min)	0	25	50	75	100	125	150
FMP-180	0.18	0.25	220V/50Hz	6	7.5	48.5or50	H(m)	6	5.7	5	4	2.5	1	
FMP-250	0.25	0.35	220V/50Hz	9	12	48.5or50		9	8.5	7.6	6.5	5.5	3.8	2

Model	Power		Voltage	Max head	Max.flow	Fiting Size	Q (m³/h)	0	3	6	9	12	15	18	21	24
	kW	HP		m	m³/h	mm	Q (L/min)	0	50	100	150	200	250	300	350	400
FMP-370	0.37	0.5	220V/50Hz	7	11.7	48.5or50	H(m)	7	6.5	5.5	3.5					
FMP-550	0.55	0.75	220V/50Hz	10	15.3	48.5or50		10	9.5	8.5	7.5	5	2			
FMP-750	0.75	1	220V/50Hz	12.5	20.4	48.5or50		12.5	12.3	12.1	11	9.5	8	5		
FMP-900	0.9	1.2	220V/50Hz	15	22.2	48.5or50		15	14.5	14	13	12	10	8	5	
FMP-1100	1.1	1.5	220V/50Hz	17.5	23.4	48.5or50		17.5	17	16.5	15.5	14	12	10	7.5	
FMP-1500	1.5	2	220V/50Hz	18.5	28.2	48.5or50		18.5	18.3	18	17	16.5	15.5	14	12	9

GSE SWIMMING POOL PUMP

Installation And Use

GSE series pump are single-stage centrifugal pumps with built-in filter. They can operate safely for a long time under 75℃ media conditions, and suitable for water circulation and filtration systems such as natural spa water circulation, large water worlds, marine pavilions, and large swimming pools. Quiet operation and more efficient high flow rate due to superior internal flow channel design that provides high flow rate while reducing hydraulic noise. Oversized filter basket extends the cleaning interval; transparent lid makes inspection quick and easy. One-piece carrying handle for easy installation.

Flow rate up to 1000 L/min (60 m³/h)

Head up to 23 m

Application Limits

Liquid temperature: +75°C
Ambient temperature:+50°C

Construction

Pump body and base: polypropylene
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon-graphite
Motor: two-pole motor, single-phase voltage is 220V/240V-50Hz, three-phase voltage is 380V-50Hz, copper coil, built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55
Max. suction lift: 3m

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	7.5	15	22.5	30	37.5	45	52.5
	kW	HP		m	m³/h	mm	Q (L/min)	0	125	250	375	500	625	750	875
GSE1500	1.5	2	220V/50Hz	20	34	63or75or90	H(m)	20	18.5	16.5	12	7	-	-	-
GSE2200	2.2	3	220V/50Hz	22	43	63or75or90		22	21.5	20	18	14.5	10	-	-
GSE3000	3	4	220V/50Hz	23	48	63or75or90		23	22.7	22.5	20	17	13.5	9	-
GSE3000S	3	4	220V/50Hz	19	60	63or75or90		19	19	18.5	18	16.5	15	12	9
GSE1500T	1.5	2	380V/50Hz	20	34	63or75or90		20	18.5	16.5	12	7	-	-	-
GSE2200T	2.2	3	380V/50Hz	22	43	63or75or90		22	21.5	20	18	14.5	10	-	-
GSE3000T	3	4	380V/50Hz	23	48	63or75or90		23	22.7	22.5	20	17	13.5	9	-
GSE3000ST	3	4	380V/50Hz	19	60	63or75or90		19	19	18.5	18	16.5	15	12	9

GSF SWIMMING POOL PUMP

Installation And Use

GSF series are single-stage centrifugal pumps with built-in filters. They are suitable for medium-sized and commercial swimming pool circulation filtration. Quiet operation due to superior internal flow channel design that reduces hydraulic noise. Oversized filter basket extends the cleaning interval; transparent cover makes inspection quick and easy. One-piece carrying handle for easy installation.

Flow rate up to 530 L/min (31.8 m³/h)

Head up to 22.5 m

Application Limits

Liquid temperature: +50°C
Ambient temperature:+50°C

Construction

Pump body and base: polypropylene
Impeller: PPO
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole single-phase motor, 220V/240V-50Hz, copper coil with built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55
Max. suction lift: 3m

*: "II" Double speed.

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	12	18	24	30
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	200	300	400	500
GSF550	0.55	0.75	220V/50Hz	11.5	18	48.5or50	H(m)	11.5	10.5	7.5	2.5	-	-
GSF750	0.75	1	220V/50Hz	13.5	19.2	48.5or50		13.5	12	9	4	-	-
GSF900	0.9	1.2	220V/50Hz	15.5	21	48.5or50		15.5	14.5	11.5	6	-	-
GSF1100	1.1	1.5	220V/50Hz	18	23.4	48.5or50		18	17.5	14	9	-	-
GSF1500	1.5	2	220V/50Hz	18	28.2	48.5or50		18	17.5	16	13	9	-
GSF1850	1.85	2.5	220V/50Hz	20.5	30	48.5or50		20.5	20	18.5	16	12	6
GSF2200	2.2	3	220V/50Hz	22.5	31.8	48.5or50		22.5	22	21	18	13.5	8

GSP SWIMMING POOL PUMP

Installation And Use

GSP series are single-stage centrifugal pumps with built-in filter. They can operate safely under 75℃ media conditions for a long time, and suitable for water circulation and filtration systems such as natural spa water circulation, large water world, oceanarium, large swimming pool, etc. Quiet operation and more efficient high flow rate due to superior internal flow design that provides high flow rate while reducing hydraulic noise. The oversized filter basket extends the time between cleaning; the transparent lid makes inspection quick and easy.

Flow rate up to 2100 L/min (126 m³/h)

Head up to 22 m

Application Limits

Liquid temperature: +75°C
Ambient temperature:+50°C

Construction

Pump body and base: polypropylene
Impeller: PPO
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon-graphite
Motor: two-pole motor, single-phase voltage is 220V/240V-50Hz, three-phase voltage is 380V-50Hz, copper coil, built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	15	30	45	60	75	90	105	120
	kW	HP		m	m³/h	mm	Q (L/min)	0	250	500	750	1000	1250	1500	1750	2000
GSP2200	2.2	3	220V/50Hz	14	64.8	90or110	H(m)	14	13.5	13	10	6.5	-	-	-	-
GSP3000	3	4	220V/50Hz	15	78	90or110		15	14.7	14.5	12.5	10	6.5	-	-	-
GSP2200T	2.2	3	380V/50Hz	14	64.8	90or110		14	13.5	13	10	6.5	-	-	-	-
GSP3000T	3	4	380V/50Hz	15	78	90or110		15	14.7	14.5	12.5	10	6.5	-	-	-
GSP3700T	3.7	5	380V/50Hz	17	94.8	90or110		17	17	16.5	16	14.5	12	9	-	-
GSP5500T	5.5	7.5	380V/50Hz	22	102	90or110		22	21.5	21	20	18	15	11	-	-
GSP7500T	7.5	10	380V/50Hz	21.5	126	90or110		21.5	21.5	21	20.5	20	18	16	12.5	9.5

GSQ SWIMMING POOL PUMP

Installation And Use

GSQ series are single-stage centrifugal pumps with built-in filter. They can operate safely for a long time under 75℃ medium conditions, and are suitable for water circulation and filtration systems such as natural hot spring water circulation, large water world, oceanarium, large and medium-sized swimming pools. Quiet operation and more efficient high flow rate due to superior internal flow design that reduces hydraulic noise while providing high flow rate. Oversized filter basket extends the cleaning interval; transparent cover makes inspection quick and easy. One-piece mounting base plate for easy installation.

Flow rate up to 3300 L/min (198 m³/h)

Head up to 31 m

Application Limits

Liquid temperature: +75°C
Ambient temperature:+50°C

Construction

Pump body: polypropylene
Pump base: polypropylene (cast aluminium optional)
Impeller: PPO
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon-graphite
Motor: two-pole three-phase motor, 380V-50Hz, copper coil, built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55

*: GSQXX0 Cast aluminum foot
*: GSQXX1 Integrated plastic mouting base

Model	Power		Voltage	Max head	Max.flow	Size	Q (m³/h)	0	30	60	90	120	150	180
	kW	HP		m	m³/h	Inch	Q (L/min)	0	500	1000	1500	2000	2500	3000
GSQ3000	3	4	380V/50Hz	16	97.8	6"	H(m)	16	15.5	12.5	-	-	-	-
GSQ4000	4	5	380V/50Hz	17	106.8	6"		17	16.5	14	7.5	-	-	-
GSQ5500	5.5	7.5	380V/50Hz	22	120	6"		22	21.5	19.5	14.5	-	-	-
GSQ7500	7.5	10	380V/50Hz	22	138	6"		22	22	21.5	18.5	14.5	6	-
GSQ11000	11	15	380V/50Hz	26	168	6"		26	25.5	25	23	21	17	11
GSQ15000	15	20	380V/50Hz	29	180	6"		29	28.5	28	27	24	20	13.5
GSQ18500	18.5	25	380V/50Hz	31	198	6"		31	30.5	30	29	28	24.5	19.5

Model	Power		Voltage	Max head	Max.flow	Size	Q (m³/h)	0	30	60	90	120	150	180
	kW	HP		m	m³/h	Inch	Q (L/min)	0	500	1000	1500	2000	2500	3000
GSQ3001	3	4	380V/50Hz	13	97.8	6"	H(m)	16	15.5	12.5	-	-	-	-
GSQ4001	4	5	380V/50Hz	15.5	106.8	6"		17	16.5	14	7.5	-	-	-
GSQ5501	5.5	7.5	380V/50Hz	17.5	120	6"		22	21.5	19.5	14.5	-	-	-
GSQ7501	7.5	10	380V/50Hz	21.5	138	6"		22	22	21.5	18.5	14.5	6	-
GSQ11001	11	15	380V/50Hz	26	168	6"		26	25.5	25	23	21	17	11
GSQ15001	15	20	380V/50Hz	28	180	6"		29	28.5	28	27	24	20	13.5
GSQ18501	18.5	25	380V/50Hz	29.5	198	6"		31	30.5	30	29	28	24.5	19.5

GSU SWIMMING POOL PUMP

Installation And Use

GSU series are single-stage centrifugal pumps with built-in filters. They are suitable for mariculture circulation filtration, medium-sized and commercial swimming pool circulation filtration. Quiet operation due c to superior internal flow channel design that reduces hydraulic noise. Oversized filter basket extends the time between cleaning; transparent cover makes inspection quick and easy. One-piece carrying handle for easy installation.

Flow rate up to 540 L/min (32.4 m³/h)

Head up to 23m

Application Limits

Liquid temperature: +50°C
Ambient temperature:+50°C

Construction

Pump body and base: polypropylene
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole single-phase motor, 220V/240V-50Hz, copper coil with built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55
Max. suction lift: 1.5m

*: "II" Double speed.

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	12	18	24	30
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	200	300	400	500
GSU1100-I	1.1	1.5	220V/50Hz	18.5	25.2	60.3or63		18.5	15.5	13.5	11	7	-
GSU1500-I	1.5	2	220V/50Hz	19.5	27.9	60.3or63		19.5	18.5	16.5	14	10.5	-
GSU1850-I	1.85	2.5	220V/50Hz	21	28.8	60.3or63		21	20	19	17	14	-
GSU2200-I	2.2	3	220V/50Hz	23	32.4	60.3or63		23	22	21	19	16.5	13.5
GSU1500-II	0.35	0.38	220V/50Hz	4.5	12.9	60.3or63		4.5	3.5	2	-	-	-
	1.5	2	220V/50Hz	19.5	27.9	60.3or63		19.5	18.5	16.5	14	10.5	-
GSU1850-II	0.4	0.5	220V/50Hz	5	13.8	60.3or63		5	4.5	3	-	-	-
	1.85	2.5	220V/50Hz	21	28.8	60.3or63		21	20	19	17	14	-
GSU2200-II	0.45	0.63	220V/50Hz	5.5	15	60.3or63		5.5	4.5	3.5	-	-	-
	2.2	3	220V/50Hz	23	32.4	60.3or63		23	22	21	19	16.5	13.5
GSU751	0.75	1	220V/50Hz	13	22.8	60.3or63		13	12.5	10	6.5	-	-
GSU1101	1.1	1.5	220V/50Hz	17	25.2	60.3or63		17	15.5	13.5	11	7	-
GSU1501	1.5	2	220V/50Hz	19	27.9	60.3or63		19	18.5	16.5	14	10.5	-
GSU1851	1.85	2.5	220V/50Hz	21	28.8	60.3or63		21	20	19	17	14	-
GSU2201	2.2	3	220V/50Hz	23	32.4	60.3or63		23	22	21	19	16.5	13.5

H(m)

GSW SWIMMING POOL PUMP

Installation And Use

GSW series are single-stage centrifugal pumps with built-in filters. They are suitable for medium-sized and commercial swimming pool circulation filtration. Quiet operation due to superior internal flow channel design that reduces hydraulic noise. Oversized filter basket extends the cleaning interval; transparent cover makes inspection quick and easy. One-piece carrying handle for easy installation.

Flow rate up to 600 L/min (36 m³/h)

Head up to 23 m

Application Limits

Liquid temperature: +50°C
Ambient temperature:+50°C

Construction

Pump body and base: polypropylene
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole single-phase motor, 220V/240V-50Hz, copper coil with built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55
Max. suction lift: 3m

*: "II" Double speed.

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	9	12	15	18	21	24	27	30	33
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	150	200	250	300	350	400	450	500	550
GSW1100	1.1	1.5	220V/50Hz	19	24	60.3or63		19	18	17	15.5	13	11	7.5	4	-	-	-
GSW1500	1.5	2	220V/50Hz	21	28.8	60.3or63		21	20.3	19.5	18.5	17.5	15	12.5	10	6.5	-	-
GSW1850	1.85	2.5	220V/50Hz	21	31.8	60.3or63		21	20.3	19.5	19	18	17	15	12.5	10	8	-
GSW2200	2.2	3	220V/50Hz	22	33	60.3or63		22	21.3	21	20.5	19.5	18.5	16	14.5	11.5	9.5	6.5
GSW3000	3	4	220V/50Hz	23	36	60.3or63		23	22.5	22	21.5	21	20	18	16	14	12	10

H(m)

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	9	12	15	18	21	24	27	30	33
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	150	200	250	300	350	400	450	500	550
GSW1100-II	0.3	0.4	220V/50Hz	4	12	60.3or63		4	3	2.5	1.7	-	-	-	-	-	-	-
	1.1	1.5	220V/50Hz	19	14	60.3or63		19	18	17	15.5	13	11	7.5	4	-	-	-
GSW1500-II	0.35	3/8	220V/50Hz	4.5	12.9	60.3or63		4.5	3.5	3	2	-	-	-	-	-	-	-
	1.5	2.0	220V/50Hz	21	28.8	60.3or63		21	20.3	19.5	18.5	17.5	15	12.5	10	6.5	-	-
GSW1850-II	0.4	0.5	220V/50Hz	5	13.8	60.3or63		5	4.5	4	3	-	-	-	-	-	-	-
	1.85	2.5	220V/50Hz	21	31.8	60.3or63		21	20.3	19.5	19	18	17	15	12.5	10	8	-
GSW2200-II	0.45	0.63	220V/50Hz	5.5	15	60.3or63		5.5	4.5	4.2	3.5	-	-	-	-	-	-	-
	2.2	3	220V/50Hz	22	33	60.3or63		22	21.3	21	20.5	19.5	18.5	16	14.5	11.5	9.5	6.5

H(m)

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	9	12	15	18	21	24	27	30	33
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	150	200	250	300	350	400	450	500	550
GSW551	0.55	0.75	220V/50Hz	12	17.1	60.3or63		12	11	8.5	7	4	-	-	-	-	-	-
GSW751	0.75	1.0	220V/50Hz	15	18.9	60.3or63		15	13.5	11.5	9.5	6.5	3.5	-	-	-	-	-
GSW901	0.9	1.2	220V/50Hz	15	18.9	60.3or63		17	16	14	11	8.5	5.5	-	-	-	-	-
GSW1101	1.1	1.5	220V/50Hz	19	24	60.3or63		19	18	17	15.5	13	11	7.5	4	-	-	-
GSW1501	1.5	2	220V/50Hz	21	28.8	60.3or63		21	20.3	19.5	18.5	17.5	15	12.5	10	6.5	-	-
GSW1851	1.85	2.5	220V/50Hz	21	31.8	60.3or63		21	20.3	19.5	19	18	17	15	12.5	10	8	-
GSW2201	2.2	3	220V/50Hz	22	33	60.3or63		22	21.3	21	20.5	19.5	18.5	16	14.5	11.5	9.5	6.5

H(m)

GWB SWIMMING POOL PUMP

Installation And Use

GWB series pumps are high flow single-stage centrifugal pumps for mariculture circulation, medium-sized and commercial swimming pools. Featuring superior internal flow channel design to provide high flow rate.

Flow rate up to 1500 L/min (90 m³/h)

Head up to 23m

Application Limits

Liquid temperature: +50°C
Ambient temperature:+50°C

Construction

Pump body and base: polypropylene
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon-graphite
Motor: two-pole motor, single-phase voltage is 220V/240V-50Hz, three-phase voltage is 380V-50Hz, copper coil, built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	9	18	27	36	45	54	63	72	81	90
	kW	HP		m	m³/h	mm	Q (L/min)	0	150	300	450	600	750	900	1050	1200	1350	1500
GWB220	2.2	3	220V/50Hz	11	66	73or75 or 76 or88.9 or 90 or110	H(m)	11	10	9.5	9	8.5	8	7	5	-	-	-
GWB250	2.5	3.5	220V/50Hz	11.5	72.6			11.5	11.2	11	10.5	10	9	7.5	6.5	5	-	-
GWB220T	2.2	3	380V/50Hz	11	66			11	10	9.5	9	8.5	8	7	5	-	-	-
GWB250T	2.5	3.5	380V/50Hz	11.5	72.6			11.5	11.2	11	10.5	10	9	7.5	6.5	5	-	-
GWB300T	3	4	380V/50Hz	13	78			13	12.7	12.3	12	11	10.5	9.5	8.5	7	-	-
GWB400T	4	5.5	380V/50Hz	17.5	90			17.5	17.5	17.2	17	16	15	14	12.5	11	9	6.5
GWB550T	5.5	7.5	380V/50Hz	23	90			23	23	23	22.7	22.3	21.5	20.5	19	17	14.5	11

GWP SWIMMING POOL PUMP

Installation And Use

GWP series are single-stage centrifugal pumps with large flow rate. They can operate safely for a long time under 75℃ medium conditions, and are suitable for water circulation and filtration system of natural hot spring water circulation, large water world, oceanarium, large and medium-sized swimming pool, etc. Quiet operation and more efficient high flow rate due to superior internal flow design that reduces hydraulic noise while providing high flow rate. One-piece mounting base plate for easy installation.

Flow rate up to 2100 L/min (126m³/h)

Head up to 22 m

Application Limits

Liquid temperature: +75°C
Ambient temperature:+50°C

Construction

Pump body and base: polypropylene
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon-graphite
Motor: two-pole motor, single-phase voltage is 220V/240V-50Hz, three-phase voltage is 380V-50Hz, copper coil, built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Size	Q (m³/h)	0	15	30	45	60	75	90	105	120
	kW	HP		m	m³/h	Inch	Q (L/min)	0	250	500	750	1000	1250	1500	1750	2000
GWP2200	2.2	3	220V/50Hz	14	64.8	4"	H(m)	14	13.5	13	10	6.5	-	-	-	-
GWP3000	3	4	220V/50Hz	15	78	4"		15	14.7	14.5	12.5	10	6.5	-	-	-
GWP2200T	2.2	3	380V/50Hz	14	64.8	4"		14	13.5	13	10	6.5	-	-	-	-
GWP3000T	3	4	380V/50Hz	15	78	4"		15	14.7	14.5	12.5	10	6.5	-	-	-
GWP3700T	3.7	5	380V/50Hz	17	94.8	4"		17	17	16.5	16	14.5	12	9	-	-
GWP5500T	5.5	7.5	380V/50Hz	22	102	4"		22	21.5	21	20	18	15	11	-	-
GWP7500T	7.5	10	380V/50Hz	21.5	126	4"		21.5	21.5	21	20.5	20	18	16	12.5	9.5

GWQ SWIMMING POOL PUMP

Installation And Use

GWQ series pump is a single-stage centrifugal pump with large flow rate. They can operate safely for a long time under 75℃ medium conditions, and are suitable for water circulation and filtration system of natural hot spring water circulation, large water world, oceanarium, large and medium-sized swimming pool, etc. Quiet operation and more efficient high flow rate due to superior internal flow design that reduces hydraulic noise while providing high flow rate. One-piece mounting base plate for easy installation.

Flow rate up to 3300 L/min (198 m³/h)

Head up to 29.5 m

Application Limits

Liquid temperature: +75°C
Ambient temperature:+50°C

Construction

Pump body: polypropylene
Pump base: polypropylene (cast aluminium optional)
Impeller: PP0
Diffuser: polypropylene
Motor shaft: 304 stainless steel
Mechanical seal: silicon-graphite
Motor: two-pole three-phase motor, 380V-50Hz, copper coil, built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55

*: GWQXX0 Cast aluminum foot
*: GWQXX1 Integrated plastic mouting base

Model	Power		Voltage	Max head	Max.flow	Size	Q (m³/h)	0	30	60	90	120	150	180
	kW	HP		m	m³/h	Inch	Q (L/min)	0	500	1000	1500	2000	2500	3000
GWQ3000	3	4	380V/50Hz	13	97.8	6"	H(m)	13	12.5	10	5	-	-	-
GWQ4000	4	5	380V/50Hz	15.5	106.8	6"		15.5	15	14	9	-	-	-
GWQ5500	5.5	7.5	380V/50Hz	17.5	120	6"		17.5	17	15	12	6.5	-	-
GWQ7500	7.5	10	380V/50Hz	21.5	138	6"		21.5	20.5	19	16.5	11	-	-
GWQ11000	11	15	380V/50Hz	26	168	6"		26	25	24	22	18	13	-
GWQ15000	15	20	380V/50Hz	28	180	6"		28	27.5	27	25	22	16.5	12
GWQ18500	18.5	25	380V/50Hz	29.5	198	6"		29.5	29	28.5	27.5	24.5	20	15

Model	Power		Voltage	Max head	Max.flow	Size	Q (m³/h)	0	30	60	90	120	150	180
	kW	HP		m	m³/h	Inch	Q (L/min)	0	500	1000	1500	2000	2500	3000
GWQ3001	3	4	380V/50Hz	13	97.8	6"	H(m)	13	12.5	10	5	-	-	
GWQ4001	4	5	380V/50Hz	15.5	106.8	6"		15.5	15	14	9	-	-	-
GWQ5501	5.5	7.5	380V/50Hz	17.5	120	6"		17.5	17	15	12	6.5	-	-
GWQ7501	7.5	10	380V/50Hz	21.5	138	6"		21.5	20.5	19	16.5	11	-	-
GWQ11001	11	15	380V/50Hz	26	168	6"		26	25	24	22	18	13	-
GWQ15001	15	20	380V/50Hz	28	180	6"		28	27.5	27	25	22	16.5	12
GWQ18501	18.5	25	380V/50Hz	29.5	198	6"		29.5	29	28.5	27.5	24.5	20	15

BTP BATHTUB PUMP

Installation And Use

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series pump can be continuous operation. It is suitable for small swimming pool, mariculture circulation filter, re-circulation of water in bathtub and re-circulation of water in SPA equipment, etc. It is easy to operate and maintain.

Flow rate up to 360 L/min (21.6 m³/h)

Head up to 16 m

Application Limits

Liquid temperature between 5°C to 50°C
Ambient temperature up to + 50 °C
king pressure: 0.3 Mpa

Construction

Pump Body & Foot: Polypropylene
Impeller: PP0
Diffuser: Polypropylene
Mechanical Seal: Sic - graphite
Electric Motor: Single-phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding
Insulation: Class F
Protection: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	4	8	12	16	20
	kW	HP		m	m³/h	mm	Q (L/min)	0	40	80	120	160	215
BTP8-8-0.55	0.55	0.75	220V/50Hz	11	16.8	48.5or50	H(m)	11	9.5	8	6	4	
BTP12-8-0.75	0.75	1	220V/50Hz	11	19.2	48.5or50		11	9.8	8.7	7	5.3	
BTP10-9-0.9	0.9	1.2	220V/50Hz	15	20.1	48.5or50		15	13	11	8.8	6	3.5
BTP15-10-1.1	1.1	1.5	220V/50Hz	16	21.6	48.5or50		16	14	12	10	8	5.5

BTPA BATHTUB PUMP

Installation And Use

BTPA series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration, bathtub water circulation, and spa pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. Plastic foot with good protection and smooth water inlet design.

Flow rate up to 450 L/min (27 m³/h)

Head up to 16 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

*: BTPAXX1 Integrated plastic mouting base

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	4	8	12	16	20	24
	kW	HP		m	m³/h	mm	Q (L/min)	0	67	133	200	267	333	400
BTPA370	0.37	0.5	220V/50Hz	10	10.8	48.5or50	H(m)	10	8.6	6.3	-	-	-	-
BTPA550	0.55	0.75	220V/50Hz	12	15	48.5or50		12	10.7	9.2	7.3	-	-	-
BTPA750	0.75	1	220V/50Hz	12	18	48.5or50		12	11.1	10	8.4	6.3	-	-
BTPA900	0.9	1.2	220V/50Hz	13	20.1	48.5or50		13	12.2	11.1	10	8.3	6	-
BTPA1100	1.1	1.5	220V/50Hz	16	22.8	48.5or50		16	14.8	13.6	12.3	10.8	9	-
BTPA1500	1.5	2	220V/50Hz	16	27	48.5or50		16	15.1	14	13	11.5	10	8.1

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	4	8	12	16	20	24
	kW	HP		m	m³/h	mm	Q (L/min)	0	67	133	200	267	333	400
BTPA371	0.37	0.5	220V/50Hz	10	10.8	48.5or50	H(m)	10	8.6	6.3	-	-	-	-
BTPA551	0.55	0.75	220V/50Hz	12	15	48.5or50		12	10.7	9.2	7.3	-	-	-
BTPA751	0.75	1	220V/50Hz	12	18	48.5or50		12	11.1	10	8.4	6.3	-	-
BTPA901	0.9	1.2	220V/50Hz	13	20.1	48.5or50		13	12.2	11.1	10	8.3	6	-
BTPA1101	1.1	1.5	220V/50Hz	16	22.8	48.5or50		16	14.8	13.6	12.3	10.8	9	-
BTPA1501	1.5	2	220V/50Hz	16	27	48.5or50		16	15.1	14	13	11.5	10	8.1

BTPB BATHTUB PUMP

Installation And Use

BTPB series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration, bathtub water circulation, and spa pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. Plastic foot or housing one-piece base plate with good protection and smooth water inlet design.

Flow rate up to 430 L/min (25.8 m³/h)

Head up to 12 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	3	6	9	12	15	18	24	24
	kW	HP		m	m³/h	mm	Q (L/min)	0	50	100	150	200	250	300	350	400
BTPB550	0.55	0.75	220V/50Hz	10	18.9	48.5or50	H(m)	10	9.7	8.7	7.7	6.5	5	3.2	-	-
BTPB750	0.75	1	220V/50Hz	11	21	48.5or50		11	10.6	9.9	9	7.8	6.3	4.6	2.8	-
BTPB900	0.9	1.2	220V/50Hz	11	24	48.5or50		11	10.9	10.5	9.8	9.1	8.1	6.8	5.5	4.1
BTPB1100	1.1	1.5	220V/50Hz	12	25.8	48.5or50		12	11.9	11.5	11	10.2	9.3	8.2	6.8	5.1
BTPB551	0.55	0.75	220V/50Hz	10	18.9	48.5or50		10	9.7	8.7	7.7	6.5	5	3.2	-	-
BTPB751	0.75	1	220V/50Hz	11	21	48.5or50		11	10.6	9.9	9	7.8	6.3	4.6	2.8	-
BTPB901	0.9	1.2	220V/50Hz	11	24	48.5or50		11	10.9	10.5	9.8	9.1	8.1	6.8	5.5	4.1

BTPC BATHTUB PUMP

Installation And Use

BTPC series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration. They operate quietly because of the superior internal flow design that reduces hydraulic noise. The one-piece base plate of the housing is firmly mounted, and the smooth inlet design allows a variety of inlet and outlet combinations to be selected.

Flow rate up to 620 L/min (37.2 m³/h)

Head up to 16 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	12	18	24	30	36
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	200	300	400	500	600
BTPC750	0.75	1	220V/50Hz	10.5	27.6	48.5or50	H(m)	10.5	10	8.8	7	4	-	-
BTPC900	0.9	1.2	220V/50Hz	11.5	31.2	48.5or50		11.5	10.8	9.8	8.1	5.5	0.1	-
BTPC1100	1.1	1.5	220V/50Hz	14.5	33.6	48.5or50		14.5	13.7	12.7	11	8.5	4	-
BTPC1500	1.5	2	220V/50Hz	16	37.2	48.5or50		16	15.2	14	12.7	10.5	7.3	2.4

BTPH BATHTUB PUMP

Installation And Use

BTPH series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration, bathtub water circulation, and spa pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. One-piece base plate of the casing for solid installation, smooth water inlet design, and built-in electric heater in the pump body.

Flow rate up to 380 L/min (22.8 m³/h)

Head up to 11 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	4	8	12	16	20
	kW	HP		m	m³/h	mm	Q (L/min)	0	40	80	120	160	215
BTPH550	0.55	0.75	220V/50Hz	6.5	16.8	48.5or50	H(m)	6.5	6.3	5.5	4.8	3.5	-
BTPH750	0.75	1	220V/50Hz	8	18	48.5or50		8	7.9	7.1	6.2	4.8	-
BTPH900	0.9	1.2	220V/50Hz	10.5	21.6	48.5or50		10.5	9.8	8.9	8	6.7	5.1
BTPH1100	1.1	1.5	220V/50Hz	11	22.8	48.5or50		11	10.5	9.6	8.4	6.9	5.4

BTPM BATHTUB PUMP

Installation And Use

BTPM series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration, bathtub water circulation, and spa pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. The housing one-piece base plate is firmly installed with smooth inlet design.

Flow rate up to 350 L/min (21 m³/h)

Head up to 10 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	3	6	9	12	15	18
	kW	HP		m	m³/h	mm	Q (L/min)	0	50	100	150	200	250	300
BTPM550	0.55	0.75	220V/50Hz	9.5	18	48.5or50	H(m)	9.5	8.9	8.1	7.1	6.2	5	3.3
BTPM750	0.75	1	220V/50Hz	10	19.2	48.5or50		10	9.6	8.8	8.1	6.7	5.6	3.7
BTPM900	0.9	1.2	220V/50Hz	10	21	48.5or50		10	9.8	9.4	8.6	8	6.7	4.7

BTPN BATHTUB PUMP

Installation And Use

BTPN series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration. They operate quietly because of the superior internal flow design that reduces hydraulic noise. The one-piece base plate of the housing is firmly mounted, and the smooth inlet design allows a variety of inlet and outlet combinations to be selected.

Flow rate up to 350 L/min (21 m³/h)

Head up to 10 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	3	6	9	12	15	18
	kW	HP		m	m³/h	mm	Q (L/min)	0	50	100	150	200	250	300
BTPN550	0.55	0.75	220V/50Hz	9.5	18	48.5or50	H(m)	9.5	8.9	8.1	7.1	6.2	5	3.3
BTPN750	0.75	1	220V/50Hz	10	19.2	48.5or50		10	9.6	8.8	8.1	6.7	5.6	3.7
BTPN900	0.9	1.2	220V/50Hz	10	21	48.5or50		10	9.8	9.4	8.6	8	6.7	4.7

BTPP BATHTUB PUMP

Installation And Use

BTPP series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration, bathtub water circulation, and spa pool water circulation. It operates quietly because of the superior internal flow design that reduces hydraulic noise. The housing is designed with a one-piece base plate for solid installation and smooth water inlet. The pump is equipped with water pressure type no water protection, pressure sampling and electric pump linked into an integrated pressure switch conduction pressure is directly sampled from the pressure generated by the electric pump itself when it rotates. When there is no medium in the pump body, the water pressure switch cannot be conducted, thus realizing the purpose that the electric pump cannot operate in the absence of water in the bathtub.

Flow rate up to 400 L/min (24 m³/h)

Head up to 10.5 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	3	6	9	12	15	18	21
	kW	HP		m	m³/h	mm	Q (L/min)	0	50	100	150	200	250	300	350
BTPP550	0.55	0.75	220V/50Hz	9.5	20.1	48.5or50	H(m)	9.5	9	8.5	7.5	6.8	6	4.8	-
BTPP750	0.75	1	220V/50Hz	10	21.9	48.5or50		10	9.5	9	8.5	7.6	7	5.7	4.7
BTPP900	0.9	1.2	220V/50Hz	10.5	24	48.5or50		10.5	10.1	9.5	9	8.5	7.7	7	5.9

SPA SPA PUMP

Installation And Use

SPA series pumps are single-stage centrifugal pumps with built-in filters for mariculture circulation filtration, bathtub water circulation, and SPA pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. The pump housing has a one-piece bottom for solid installation, and the outlet direction can be changed to 3 o'clock, 9 o'clock and 12 o'clock.

Flow rate up to 1165 L/min (69.9 m³/h)

Head up to 22.5 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

*: "II" Double speed.

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	7.5	15	22.5	30	37.5	45
	kW	HP		m	m³/h	mm	Q (L/min)	0	125	250	375	500	625	750
SPA1500	1.5	2	220V/60Hz	14.5	38.1	60.3or63		14.5	14.2	13.4	12	10.5	-	-
SPA2200	2.2	3	220V/60Hz	18	42.6	60.3or63		18	17.5	16.8	15.8	14.5	12.5	-
SPA2600	2.6	3.5	220V/60Hz	21	43.8	60.3or63		21	20	19	17.6	15.8	13.5	-
SPA3000	3	4	220V/60Hz	22.5	45.9	60.3or63		22.5	21.5	20.3	18.7	17	14.5	11
SPA1500-II	0.37	0.5	220V/60Hz	4	14.7	60.3or63		4	3.5	2.5	-	-	-	-
	1.5	2	220V/60Hz	14.5	38.1	60.3or63	H(m)	14.5	14.2	13.4	12	10.5	-	-
SPA2200-II	0.55	0.75	220V/60Hz	4.5	19.5	60.3or63		4.5	4	3.3	-	-	-	-
	2.2	3	220V/60Hz	18	42.6	60.3or63		18	17.5	16.8	15.8	14.5	12.5	-
SPA2600-II	0.55	0.75	220V/60Hz	5.4	19.8	60.3or63		5.4	4.7	4	-	-	-	-
	2.6	3.5	220V/60Hz	21	43.8	60.3or63		21	20	19	17.6	15.8	13.5	-
SPA3000-II	0.55	0.75	220V/60Hz	6	20.4	60.3or63		6	5.4	4.7	-	-	-	-
	3	4	220V/60Hz	22.5	45.9	60.3or63		22.5	21.5	20.3	18.7	17	14.5	11

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	4	8	12	16
	kW	HP		m	m³/h	mm	Q (L/min)	0	40	80	120	160
SPA3750	3.75	5	220V/60Hz	13	69.9	73or75		13	13	12.7	12	10.7
SPA3750-II	0.75	1	220V/60Hz	3	32.1	73or75	H(m)	3	3	2.8	-	-
	3.75	5	220V/60Hz	13	69.9	73or75		13	13	12.7	12	10.7

SPAA SPA PUMP

Installation And Use

SPAA series pumps are single-stage centrifugal pumps with built-in filters, suitable for bathtub water circulation, SPA pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. The machine barrel is integrated with feet, which can be installed firmly. There is no need to install an additional circulation pump and associated piping.

Flow rate up to 830 L/min (49.8 m³/h)

Head up to 23 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤65°C

Construction

Pump body: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole or six-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection grade: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	12	18	24	30	36	42	48
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	200	300	400	500	600	700	800
SPAA2200/6-II	0.22	0.3	220V/60Hz	2	12	60.3or63		2	1.9	-	-	-	-	-	-	-
	2.2	3	220V/60Hz	17.5	43.8	60.3or63		17.5	17.6	17.7	17.7	17	15.2	13.6	11	-
SPAA3000/6-II	0.22	0.3	220V/60Hz	2.5	12.6	60.3or63	H(m)	2.5	2.3	2	-	-	-	-	-	-
	3	4	220V/60Hz	20	46.2	60.3or63		20	19.4	20	20	19	18	16.3	14.2	-
SPAA3400/6-II	0.3	0.4	220V/60Hz	2.8	15.6	60.3or63		2.8	2.7	2.6	-	-	-	-	-	-
	3.4	4.5	220V/60Hz	23	49.8	60.3or63		23	22.5	22.8	23	22.3	21.7	20	18.4	16

SPAC SPA PUMP

Installation And Use

SPAC180 series pumps are single-stage centrifugal pumps with built-in filters, suitable for mariculture circulation filtration, bathtub water circulation, and spa pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. The integral bottom of the pump housing is firmly installed, and the outlet direction can be changed to 3 o'clock, 9 o'clock and 12 o'clock.

Flow rate up to 200 L/min (12 m³/h)

Head up to 3.2 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body and base plate: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection level: IP 55

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	4	8	12	16
	kW	HP		m	m³/h	mm	Q (L/min)	0	40	80	120	160
SPAC180	0.18	0.25	115V/60Hz	3.2	12	48.5or50		3.2	3.2	3.1	2.7	1.5
	0.18	0.25	220V/60Hz	3.2	12	48.5or50	H(m)	3.2	3.2	3.1	2.7	1.5

SPAC SPA PUMP

Installation And Use

SPAC series pumps are single-stage centrifugal pumps with built-in filters, suitable for mariculture circulation filtration and SPA pool water circulation. Quiet operation due to superior internal flow design that reduces hydraulic noise. The pump housing apapts one-piece bottom for solid installation, and the outlet direction can be changed to 3 o'clock, 9 o'clock, and 12 o'clock direction.

Flow rate up to 720 L/min (43.2 m³/h)

Head up to 20 m

Application Limits

Liquid temperature:5-50°C
Ambient temperature:≤50°C

Construction

Pump body: polypropylene
Impeller: PP0
Motor shaft: 304 stainless steel
Mechanical seal: silicon graphite
Motor: two-pole or six-pole, two-speed, single-phase, copper winding with built-in capacitor thermal overload protector
Insulation: Class F
Protection grade: IP 55

*: "II" Double speed.

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	12	18	24	30	36
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	200	300	400	500	600
SPAC1100	1.1	1.5	110V/220V/60HZ	14	27.6	60.3or63		14	13.2	12	10	7	-	-
SPAC1500	1.5	2	110V/220V/60HZ	16	30	60.3or63		16	15.2	14	11.5	8.7	5.3	-
SPAC1850	1.85	2.5	110V/220V/60HZ	19	36	60.3or63		19	18.7	17.8	16	14	11	7.5
SPAC2200	2.2	3	220V/60HZ	20	43.2	60.3or63		20	19.9	19.7	19	18	16.3	14
SPAC1100-II	0.18	0.35	110V/60HZ	3	12	60.3or63		3	2.9	1.5	-	-	-	-
	1.1	1.5	110V/60HZ	14	27.6	60.3or63	H(m)	14	13.2	12	10	7	-	-
SPAC1500-II	0.25	0.45	110V/60HZ	3.5	14.7	60.3or63		3.5	3.4	2.3	-	-	-	-
	1.5	2	110V/60HZ	17	33.6	60.3or63		17	16.7	15.7	14	11.8	9	-
SPAC1100-II	0.18	0.35	220V/60HZ	3	12	60.3or63		3	2.9	1.5	-	-	-	-
	1.1	1.5	220V/60HZ	14	27.6	60.3or63		14	13.2	12	10	7	-	-
SPAC1850-II	0.25	0.45	220V/60HZ	4.2	15.6	60.3or63		4.2	4	3	-	-	-	-
	1.85	2.5	220V/60HZ	19	36	60.3or63		19	18.7	17.8	16	14	11	7.5
SPAC2200-II	0.35	0.65	220V/60HZ	4.5	19.2	60.3or63		4.5	4.4	3.9	3	-	-	-
	2.2	3	220V/60HZ	20	43.2	60.3or63		20	19.9	19.7	19	18	16.3	14

Model	Power		Voltage	Max head	Max.flow	Fitting Size	Q (m³/h)	0	6	12	18	24	30	36	42
	kW	HP		m	m³/h	mm	Q (L/min)	0	100	200	300	400	500	600	700
SPAC1100-II	0.15	0.2	115V/60Hz	1.5	8.1	60.3or63		1.5	1.2	-	-	-	-	-	-
	1.1	1.5	115V/60Hz	14	27.6	60.3or63		14	13.2	12	10	7	-	-	-
SPAC1500-II	0.15	0.2	220V/60Hz	1.7	8.1	60.3or63		1.7	1.4	-	-	-	-	-	-
	1.1	1.5	220V/60Hz	14	27.6	60.3or63		14	13.2	12	10	7	-	-	-
SPAC1100-II	0.18	0.25	115V/60Hz	1.8	9.9	60.3or63		1.8	1.5	-	-	-	-	-	-
	1.5	2	115V/60Hz	17	33.6	60.3or63	H(m)	17	16.7	15.7	14	11.8	9	-	-
SPAC1850-II	0.18	0.25	220V/60Hz	2.3	10.5	60.3or63		2.3	2	-	-	-	-	-	-
	1.85	2.5	220V/60Hz	19	36	60.3or63		19	18.8	17.8	16.1	14	11	7.5	-
SPAC2200-II	0.23	0.3	220V/60Hz	2.3	12/	60.3or63		2.3	2.2	1.6	-	-	-	-	-
	2.2	3	220V/60Hz	20	3.2	60.3or63		20	20	19.6	19	18	16.3	14	11.2

AP AIR BLOWER

Installation And Use

AP serial air pump with built-in air inlet filter sponge, large air inlet volume and stable air pressure, suitable for bathtub water circulation, SPA pool water circulation. High quality bearings for smooth operation, 24 hours continuous operation, higher efficiency. Optional air heater and UV germicidal lamp can be installed.

Max pressure 0.025 Mpa

Air volume up to 2.4 m³/min

Application Limits

Conveyance medium: Dry air
Ambient temperatures up to +40°C
Max. operating pressure: 0.1MPa

Construction

Cable sealing cap: NBR
Connector: ABS
Front cover: ABS
Back cover: ABS
Front cover gasket: NBR
Back cover gasket: NBR
Built-in overheat protector for motor
Air inlet filter: sponge
Insulation class: Class F

Model	Power		Voltage	Max pressure	Air volume	Noise Level	Size	Recommended water depth
	W	HP		Mpa	m³/min	dB(A)	Inch	M
AP200-2-V1	200	0.27	220V/50Hz	0.006	0.8	<63	32 or 33.5	0.3
AP300-2-V1	300	0.41	220V/50Hz	0.009	1.2	<65	32 or 33.5	0.4
AP400X-2-V1	400	0.54	220V/50Hz	0.014	1.5	<69	32 or 33.5	0.6
AP700X-2-V1	700	0.95	220V/50Hz	0.022	1.85	<71	32 or 33.5	0.8
AP400-2-V1	400	0.54	220V/50Hz	0.014	1.65	<68	32 or 33.5	0.6
AP700-2-V1	700	0.95	220V/50Hz	0.018	2.0	<70	32 or 33.5	0.8
AP900-2-V1	900	1.22	220V/50Hz	0.025	2.4	<74	32 or 33.5	1.0

APR AIR BLOWER

Installation And Use

APR serial air pump with built-in air inlet filter sponge, large air inlet volume and stable air pressure, suitable for bathtub water circulation, SPA pool water circulation. High quality bearings for smooth operation, 24 hours continuous operation, higher efficiency. Optional air heater and UV germicidal lamp can be installed.

Max pressure 0.024 Mpa

Air volume up to 2.6 m³/min

Application Limits

Conveyance medium: Dry air
Ambient temperatures up to +40°C
Max. operating pressure: 0.1MPa

Construction

Front cover: ABS
Upper gasket: ABS
Back cover: ABS
Air-break switch: Assembly
Cable sealing cap: NBR
Built-in overheat protector for motor
Air inlet filter: sponge
Insulation class: Class F

Model	Power		Voltage	Max pressure	Air volume	Noise Level	Size	Recommended water depth
	W	HP		Mpa	m³/min	dB(A)	Inch	M
APR400-1-V1	400	0.54	220V/50Hz	0.013	2.0	<74	32or33.5or48.5or50	0.6
APR800-1-V1	700	0.95	220V/50Hz	0.018	2.5	<78	32or33.5or48.5or50	0.8
APR900-1-V1	900	1.22	220V/50Hz	0.024	2.6	<79	32or33.5or48.5or50	1.0
APR400-2-V1	400	0.54	220V/50Hz	0.013	2.0	<74	32or33.5or48.5or50	0.6
APR800-2-V1	700	0.95	220V/50Hz	0.018	2.5	<78	32or33.5or48.5or50	0.8
APR900-2-V1	900	1.22	220V/50Hz	0.024	2.6	<79	32or33.5or48.5or50	1.0
APR900Z-2-V1	700	0.95	220V/50Hz	0.009	1.0	<73	33.5 or 50	0.8

APW AIR BLOWER

Installation And Use

APW/APWG serial air pump with built-in air inlet filter sponge, large air inlet volume and stable air pressure, suitable for bathtub water circulation, SPA pool water circulation. High quality bearings for smooth operation, 24 hours continuous operation, higher efficiency. Air switch is optional.

Max pressure 0.024 Mpa

Air volume up to 5 m³/min

Application Limits

Conveyance medium: Dry air
Ambient temperatures up to +40°C
Max. operating pressure: 0.1MPa

Construction

Connector: ABS
Front cover: ABS
Back cover: ABS
Air-break switch: Assembly
Cable sealing cap: NBR
Air inlet filter: sponge
Anti-vibration feet: NBR
Built-in overheat protector for motor
Insulation class: Class F

APW

APW-G

Model	Power		Voltage	Max pressure	Air volume	Noise Level	Size	Recommended water depth
	W	HP		Mpa	m³/min	dB(A)	Inch	M
APW300-1-V3	300	0.41	110V/60Hz	0.011	1.65	<68	32 or 33.5 or 48.5 or 50	0.4
APW400-1-V3	400	0.54	110V/60Hz	0.013	3.4	<81		0.6
APW700-1-V3	700	0.95	110V/60Hz	0.18	4.2	<82		0.8
APW900-1-V3	900	1.22	110V/60Hz	0.024	5	<84		1.0
APW300-1-V2	300	0.41	220V/60Hz	0.011	1.65	<68		0.4
APW400-1-V2	400	0.54	220V/60Hz	0.013	3.4	<81		0.6
APW700-1-V2	700	0.95	220V/60Hz	0.018	4.2	<82		0.8
APW900-1-V2	900	1.22	220V/60Hz	0.024	5	<84		1.0

Model	Power		Voltage	Max pressure	Air volume	Noise Level	Size	Recommended water depth
	W	HP		Mpa	m³/min	dB(A)	Inch	M
APW400G-1-V3	400	0.54	110V/60Hz	0.013	3.4	<80	32 or 33.5 or 48.5 or 50	0.6
APW700G-1-V3	700	0.95	110V/60Hz	0.018	4.2	<82		0.8
APW900G-1-V3	900	1.22	110V/60Hz	0.024	5	<84		1.0
APW400G-1-V2	400	0.54	220V/60Hz	0.013	3.4	<80		0.6
APW700G-1-V2	700	0.95	220V/60Hz	0.018	4.2	<82		0.8
APW900G-1-V2	900	1.22	220V/60Hz	0.024	5	<84		1.0

Model	Power		Voltage	Max pressure	Air volume	Noise Level	Size	Recommended water depth
	W	HP		Mpa	m³/min	dB(A)	Inch	M
APW400-2-V2	400	0.54	220V/60Hz	0.013	3.4	<80	32 or 33.5 or 48.5 or 50	0.6
APW700-2-V2	700	0.95	220V/60Hz	0.018	4.2	<82		0.8
APW900-2-V2	900	1.22	220V/60Hz	0.024	5	<84		1.0

POOL AND SPA PUMP

H-R HEATER

Installation And Use

H-R series heaters are suitable for bathtub water circulation and SPA water circulation. Equipped with water flow switch.

Max. water volume of the bath 340 Gallon(1285 Litre)

Application Limits

Liquid temperature: +50°C
Ambient temperatures up to +50°C

Construction

Connector: ABS
Junction box: ABS
Protection class: IPX5

H-R

HA-R

H-RS

Model	Power		Voltage	Bathtub water cubage		Size	G.W
	W	HP		Gallon	Litre	mm	kg
H10-R1	1000	1.36	220V/50Hz	60	227	27 or 32 or 33.5 or 48.5 or 50	1.2
H10-R2	1000	1.36	220V/50Hz	60	227		1.2
H10-R3	1000	1.36	220V/50Hz	60	227		1.2
H15-R1	1500	2.04	220V/50Hz	100	378		1.2
H15-R2	1500	2.04	220V/50Hz	100	378		1.2
H15-R3	1500	2.04	220V/50Hz	100	378		1.2
H20-R1	2000	2.72	220V/50Hz	200	756		1.2
H20-R2	2000	2.72	220V/50Hz	200	756		1.2
H20-R3	2000	2.72	220V/50Hz	200	756		1.2
H30-R1	3000	4.08	220V/50Hz	340	1285		1.2
H30-R2	3000	4.08	220V/50Hz	340	1285		1.2
H30-R3	3000	4.08	220V/50Hz	340	1285		1.2

Model	Power		Voltage	Bathtub water cubage		Size	G.W
	W	HP		Gallon	Litre	mm	kg
H10-RS1	1000	1.36	220V/50Hz	60	227	48.5 or 50	1.25
H15-RS1	1500	2.04	220V/50Hz	100	378	48.5 or 50	1.25
H20-RS1	2000	2.72	220V/50Hz	200	756	48.5 or 50	1.25
H30-RS1	3000	4.08	220V/50Hz	340	1285	48.5 or 50	1.25

Model	Power		Voltage	Bathtub water cubage		Size	G.W
	W	HP		Gallon	Litre	mm	kg
HA10-R1	1000	1.36	110V/60Hz	60	227	27 or 32 or 33.5 or 48.5 or 50	1.2
HA10-R3	1500	2.04	110V/60Hz	60	227		1.2
HA15-R1	2000	2.72	110V/60Hz	100	378		1.2
HA15-R3	3000	4.08	110V/60Hz	100	378		1.2

POOL AND SPA PUMP

FH FILTER

Installation And Use

FH series deep filter sand tank are widely used in various types of swimming pools, spa, landscape pools, aquaculture, drinking water treatment and other places that require filtration and purification. Equipped with ergonomically designed six-way valves for easy operation. A pressure gauge is provided to monitor the operating pressure, so that the operating status of the equipment can be observed at all times.

Max. flow rate 246 GPM(56 m³/h)

Max. filter area 1.25 m²

Application Limits

Operating pressure: 2.5kg/cm²
Ambient temperatures up to +45°C

Construction

Cylinder: Glass cylinder
Base: polypropylene

Model	Filter Diameter	Filter Height	Flow		Filter area		Size		Required sand
	mm	mm	m³/h	GPM	m²	sq.ft	mm	Inch	kg
FH07400	400	900	8	35	0.13	1.3	50	1.5"	95
FH08600	600	1300	14	62	0.22	2.2	50	1.5"	315
FH09700	700	1600	19	84	0.35	3.4	50	1.5"	450
FH11800	800	1800	24	106	0.5	4.9	63	2"	620
FH12900	900	2100	30	132	0.64	6.3	63	2"	850
FH131050	1050	2100	38	167	0.88	8.6	63	2"	1450
FH151200	1200	2100	42	185	1.13	11.1	63	2"	2150
FH161400	1400	2100	56	246	1.25	12.3	90	3"	2650

FS FILTER

Installation And Use

FS500-1200 series side filter sand cylinder are widely used in various types of swimming pools, spa, landscape pools, aquaculture, drinking water treatment and other places that require filtration and purification. Equipped with ergonomically designed six-way valves for easy operation. A pressure gauge is provided to monitor the operating pressure, so that the operating status of the equipment can be observed at all times.The cylinder is wrapped in UV-protected glass fibre, reinforced to resist pressure and corrosion.

Max. flow rate 246 GPM(56 m³/h)

Max. filter area 1.13 m²

Application Limits

Operating pressure: 2.5kg/cm²
Ambient temperatures up to +45°C

Construction

Cylinder: Glass cylinder
Base: polypropylene

FS FILTER

*: Side outlet filter, screw thread, with six-way valve

Model	Filter Diameter	Filter Height	Flow		Filter area		Size		Required sand
	mm	mm	m³/h	GPM	m²	sq.ft	mm	Inch	kg
FS500	500	710	11	48	0.18	1.8	50	1.5"	58
FS550	550	725	13	57	0.2	2	50	1.5"	87
FS600	600	730	14	62	0.22	2.2	50	1.5"	115
FS650	650	805	17	75	0.32	3.1	50	1.5"	145
FS700	700	825	19	84	0.35	3.4	50	1.5"	180
FS750	750	875	21	92	0.4	3.9	63	2"	225
FS800	800	925	24	106	0.5	4.9	63	2"	275
FS900	900	1010	30	132	0.64	6.3	63	2"	390
FS1050	1050	1175	38	167	0.88	8.6	63	2"	615
FS1200	1200	1310	42	185	1.13	11.1	63	2"	920

FS FILTER

Installation And Use

FS1400-2500 series side filter sand cylinder are widely used in various types of swimming pools, spa, landscape pools, aquaculture, drinking water treatment and other places that require filtration and purification. Equipped with ergonomically designed six-way valves for easy operation. A pressure gauge is provided to monitor the operating pressure, so that the operating status of the equipment can be observed at all times.The cylinder is wrapped in UV-protected glass fibre, reinforced to resist pressure and corrosion.

Max. flow rate 1047 GPM(238 m³/h)

Max. filter area 4.88 m²

Application Limits

Operating pressure: 2.5kg/cm²
Ambient temperatures up to +45°C

Construction

Cylinder: Glass cylinder
Base: polypropylene

Model	Filter Diameter	Filter Height	Flow		Filter area		Size		Required sand
	mm	mm	m³/h	GPM	m²	sq.ft	mm	Inch	kg
FS1400	1400	1480	56	246	1.25	12.3	90	3"	1460
FS1600	1600	1680	100	440	2.01	19.7	90	3"	2180
FS1800	1800	1890	125	550	2.54	25	110	4"	3100
FS2000	2000	2120	153	673	3.14	30.9	110	4"	4250
FS2350	2350	2500	200	880	4.3	42.2	160	6"	6370
FS2500	2500	2800	238	1047	4.88	47.9	225	8"	9950

POOL AND SPA PUMP

Installation And Use

FT series top filter sand tanks are widely used in various types of swimming pools, spa, landscape pools, aquaculture, drinking water treatment and other places that require filtration and purification. Equipped with ergonomically designed six-way valves for easy operation. A pressure gauge is provided to monitor the operating pressure, so that the operating status of the equipment can be observed at all times.

Max. flow rate
246 GPM(56 m³/h)

Max. filter area
1.25 m²

Application Limits

Operating pressure: 2.5kg/cm²
Ambient temperatures up to +45°C

Construction

Cylinder: Glass cylinder
Base: polypropylene

Model	Filter Diameter	Filter Height	Flow		Filter area		Size		Required sand
	mm	mm	m³/h	GPM	m²	sq.ft	mm	Inch	kg
FT400	400	680	8	35	0.13	1.4	50	1.5"	35
FT450	450	740	10	44	0.16	1.6	50	1.5"	50
FT500	500	815	11	48	0.18	1.8	50	1.5"	58
FT550	550	875	13	57	0.20	2	50	1.5"	87
FT600	600	885	14	62	0.22	2.2	50	1.5"	115
FT650	650	950	17	75	0.32	3.1	50	1.5"	145
FT700	700	970	19	84	0.35	3.4	50	1.5"	180
FT750	750	1080	21	92	0.40	3.9	63	2"	225
FT800	800	1130	24	106	0.50	4.9	63	2"	275
FT900	900	1215	30	132	0.64	6.3	63	2"	390
FT1050	1050	1380	38	167	0.88	8.6	63	2"	615
FT1200	1200	1515	42	185	1.13	11.1	63	2"	920
FT1400	1400	1720	56	246	1.25	12.3	63	2"	1480

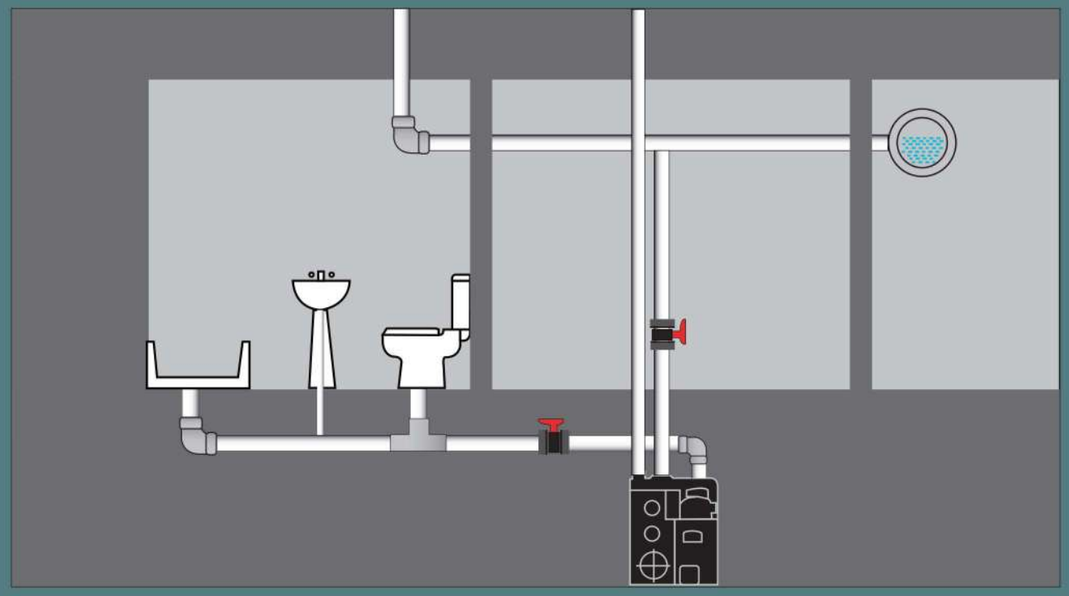
LIFTING STATION

This device is a compact design lifting device, which can discharge the sewage in the toilet, bathtub, shower room, and sink from the horizontal outlet. Our macerating systems use a rotating blade to liquefy waste and toilet paper. When mixed with flushing water the waste is pumped into a sanitary sewer as a fine slurry. The flexibility of these systems makes any sanitary application.No longer limited to locations where downhill drainage or gravity evacuates waste. Don't even need to be in close proximity to the main waste pipe. This pump are designed to be durable for an easy-to-clean surface.

HOUSEHOLD

Application

Recommended for pumping dirty waste water from sanitary applications.
The flexibility of the system makes it suitable for any sanitary application, such as sewage drainage in toilets, baths, showers and sinks. The pump is designed to be durable and the surfaces are easy to clean. The pump must be installed in an enclosed area.



LIFTING STATION

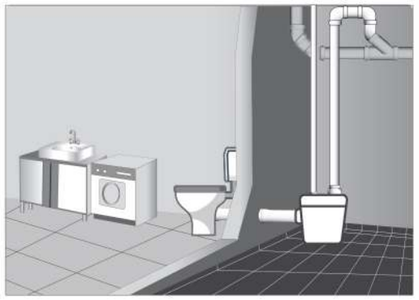
WC K03

GRANDLIFT K06

WC LIFTING STATION

Installation And Use

This device is a compact design lifting device, which can discharge the sewage in the toilet, bathtub, shower room, and sink from the horizontal outlet. Our macerating systems use a rotating blade to liquefy waste and toilet paper. When mixed with flushing water the waste is pumped into a sanitary sewer as a fine slurry. The flexibility of these systems makes any sanitary application. Offers the most reliable and cost effective solutions for any job. No longer limited to locations where downhill drainage or gravity evacuates waste. Don't even need to be in close proximity to the main waste pipe. This pump are designed to be durable for an easy-to-clean surface. Have the desired height to meet comfort and aesthetics to provide a unique style. Designed with two easy access service panels located on top of the pump. On one side of pump you can easily access the electrical components and the level sensor, facilitates regular maintenance. The other side allows access to the macerating blade for easy removal of objects.



Flow rate up to
170 L/min (10.2 m³/h)

Head up to
8/80 m

Application Limits
Ambient temperature up to + 90 °C

Construction
Pump Body & Foot: Plastic
Electric Motor: Single- phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding

WC202

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for shower
Without cutting system
Without toilet inlet
2 inlets + 1 outlet

WC252

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for shower
Without cutting system
Without toilet inlet
2 inlets + 1 outlet
Oil filled motor

WC302M

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for shower
Without cutting system
Without toilet inlet
2 inlets + 1 outlet

HOUSEHOLD

Model	Power		Max head	Max.flow	Inlet Size	Discharge Size
	kW	HP	m	m³/h	mm	mm
WC202	0.2	0.29	8/80	6	2*40	23/28
WC252	0.25	0.36	8/80	7.2	2*40	23/28
WC302M	0.3	0.43	8/80	6	2*40	23/28

WC413

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for wall hung toilet
With cutting system
With toilet inlet
3 inlets + 1 outlet

WC404

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for home using
With cutting system
With Manual switch
With toilet inlet
4 inlets + 1 outlet

WC404U

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for home using
With cutting system
With repair panel, easy to clean the blocks
With toilet inlet
4 inlets + 1 outlet

WC453M

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for wall hung toilet
With cutting system
With toilet inlet
3 inlets + 1 outlet

HOUSEHOLD

Model	Power		Max head	Max.flow	Inlet Size	Discharge Size
	kW	HP	m	m³/h	mm	mm
WC413	0.4	0.57	8/80	8.7	100/2*40	23/28/32/44
WC404	0.4	0.57	8/80	8.7	100/2*40	23/28/32/44
WC404U	0.4	0.57	8/80	8.7	100/3*40	23/28/32/44
WC453M	0.45	0.64	8/80	8.7/7.5	100/2*40	23/28/32/44

WC503

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for kitchen
With cutting system
With 2 repair panel, easy to clean the blocks and change switch
Without toilet inlet
3 inlets + 1 outlet

WC504

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for home using
With cutting system
With 2 repair panel, easy to clean the blocks and change switch
With toilet inlet
4 inlets + 1 outlet

HOUSEHOLD

Model	Power		Max head	Max.flow	Inlet Size	Discharge Size
	kW	HP	m	m³/h	mm	mm
WC503	0.5	0.71	8/80	10.2	100/2*40	23/28/32/44
WC504	0.5	0.71	8/80	10.2	100/3*40	23/28/32/44

WC LIFTING STATION

WC514

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for wall hung toilet
With cutting system
With 2 repair panel, easy to clean the blocks and change switch
With toilet inlet
4 inlets + 1 outlet

Model	Power		Max head	Max.flow	Inlet Size	Discharge Size
	kW	HP	m	m³/h	mm	mm
WC514	0.5	0.71	8/80	10.2	100/3*40	23/28/32/44

WC603

Liquid temperature range
1-90°C

Product characteristics
Design for home using
With cutting system
With Manual switch
With toilet inlet
3 inlets + 1 outlet

WC603D

Liquid temperature range
1-90°C

Product characteristics
With cutting system
With Manual switch
With PCB control
With repair panel, easy to clean the blocks
With toilet inlet
3 inlets + 1 outlet

WC603M

Liquid temperature range
1~65 °C(85 °C in 1 hour)

Product characteristics
Design for home using
With cutting system
With toilet inlet
3 inlets + 1 outlet

WC804

Liquid temperature range
1-50°C

Product characteristics
Design for public using, with grinding blade
With PCB control
With warning alarm
With repair panel, easy to clean the blocks
With toilet inlet
3 inlets + 2 outlet

Model	Power		Max head	Max.flow	Inlet Size	Discharge Size
	kW	HP	m	m³/h	mm	mm
WC603	0.6	0.86	8.5	6	100/2*40	40
WC603D	0.6	0.86	8.5	6	100/2*40	40
WC603M	0.6	0.86	8.5	6	100/2*40	40
WC804	0.8	1.14	9/90	9	100/3*40	23/28/32/44

GRANDLIFT LIFTING STATION

Installation And Use

This device is a compact design lifting device, which can discharge the sewage in the toilet, bathtub, shower room, and sink from the horizontal outlet. Our macerating systems use a rotating blade to liquefy waste and toilet paper. When mixed with flushing water the waste is pumped into a sanitary sewer as a fine slurry. The flexibility of these systems makes any sanitary application. Offers the most reliable and cost effective solutions for any job. No longer limited to locations where downhill drainage or gravity evacuates waste. Don't even need to be in close proximity to the main waste pipe. This pump are designed to be durable for an easy-to-clean surface. Have the desired height to meet comfort and aesthetics to provide a unique style. Designed with two easy access service panels located on top of the pump. On one side of pump you can easily access the electrical components and the level sensor, facilitates regular maintenance. The other side allows access to the macerating blade for easy removal of objects.

Flow rate up to **1183.3 L/min (71m³/h)**

Head up to **24 m**

Application Limits
Ambient temperature up to + 90 °C

Construction
Pump Body & Foot: Plastic
Electric Motor: Single- phase 220V/ 240V- 50Hz with condenser thermal overload protector built into the copper winding

GRANDLIFT 100-75S

GRANDLIFT 180-75S

GRANDLIFT 250-75D

50Hz

Model		Power	Size			H(m)	2	4	6	8	10	12	14	16	18
		kW	Inlet	Outlet	vent pipe										
GRANDLIFT 100-75S	220V/380V	0.75	DN100	DN50	DN40	Q (m³/h)	20	18	16	14	10	6			
GRANDLIFT 100-110S	220V/380V	1.1	DN100	DN50	DN40		24	22	20	18	15	10	5		
GRANDLIFT 130-75S	220V/380V	0.75	DN100	DN50	DN40		20	18	16	14	10	6			
GRANDLIFT 130-110S	220V/380V	1.1	DN100	DN50	DN40		24	22	20	18	15	10	5		
GRANDLIFT 130-150S	220V/380V	1.5	DN100	DN50	DN40		36	32	30	28	24	21	17	13	8
GRANDLIFT 180-75S	220V/380V	0.75	DN100	DN50	DN40		20	18	16	14	10	6			
GRANDLIFT 180-110S	220V/380V	1.1	DN100	DN50	DN40		24	22	20	18	15	10	5		
GRANDLIFT 180-150S	220V/380V	1.5	DN100	DN50	DN40		36	32	30	28	24	21	17	13	8

Model		Power	Size			H(m)	2	4	6	8	10	12	14	16	18	20
		kW	Inlet	Outlet	vent pipe											
GRANDLIFT 250-75D	220V/380V	2X0.75	DN100	DN50	DN40	Q (m³/h)	20	18	16	14	10	6				
GRANDLIFT 250-110D	220V/380V	2X1.1	DN100	DN50	DN40		24	22	20	18	15	10	5			
GRANDLIFT 250-150D	220V/380V	2X1.5	DN100	DN50	DN40		36	32	30	28	24	21	17	13	8	
GRANDLIFT 250-220D	380V	2X2.2	DN100	DN50	DN40		56	53	50	46	41	35	28	21	15	8

GRANDLIFT 500-75D

50Hz

Model	Voltage	Power	Size			H(m)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34
		kW	Inlet	Outlet	vent pipe																		
GRANDLIFT 300-75D	220V/380V	2X0.75	DN100	DN50	DN40		20	18	16	14	10	6											
GRANDLIFT 300-110D	220V/380V	2X1.1	DN100	DN50	DN40		24	22	20	18	15	10	5										
GRANDLIFT 300-150D	220V/380V	2X1.5	DN100	DN50	DN40		36	32	30	28	24	21	17	13	8								
GRANDLIFT 300-220D	380V	2X2.2	DN100	DN50	DN40		56	53	50	46	41	35	28	21	15	8							
GRANDLIFT 400-75D	220V/380V	2X0.75	DN100	DN50	DN40		20	18	16	14	10	6											
GRANDLIFT 400-110D	220V/380V	2X1.1	DN100	DN50	DN40		24	22	20	18	15	10	5										
GRANDLIFT 400-150D	220V/380V	2X1.5	DN100	DN50	DN40		36	32	30	28	24	21	17	13	8								
GRANDLIFT 400-220D	380V	2X2.2	DN100	DN50	DN40		56	53	50	46	41	35	28	21	15	8							
GRANDLIFT 500-75D	220V/380V	2X0.75	DN100/ DN150	DN50	DN40		20	18	16	14	10	6											
GRANDLIFT 500-110D	220V/380V	2X1.1	DN100/ DN150	DN50	DN40		24	22	20	18	15	10	5										
GRANDLIFT 500-150D	220V/380V	2X1.5	DN100/ DN150	DN50	DN40		36	32	30	28	24	21	17	13	8								
GRANDLIFT 500-220D	380V	2X2.2	DN100/ DN150	DN50	DN40	Q (m³/h)	56	53	50	46	41	35	28	21	15	8							
GRANDLIFT 500-300D	380V	2X3	DN100/ DN150	DN50	DN40		70	66	61	56	50	44	37	32	26	18	12	6					
GRANDLIFT 600-75D	220V/380V	2X0.75	DN100	DN50	DN40		20	18	16	14	10	6											
GRANDLIFT 600-110D	220V/380V	2X1.1	DN100	DN50	DN40		24	22	20	18	15	10	5										
GRANDLIFT 600-150D	220V/380V	2X1.5	DN100	DN50	DN40		36	32	30	28	24	21	17	13	8								
GRANDLIFT 600-220D	380V	2X2.2	DN100	DN50	DN40		56	53	50	46	41	35	28	21	15	8							
GRANDLIFT 600-300D	380V	2X3	DN100	DN50	DN40		70	66	61	56	50	44	37	32	26	18	12	6					
GRANDLIFT 1000-150D	220V/380V	2X1.5	DN100/ DN150	DN50	DN40		36	32	30	28	24	21	17	13	8								
GRANDLIFT 1000-220D	380V	2X2.2	DN100/ DN150	DN50	DN40		56	53	50	46	41	35	28	21	15	8							
GRANDLIFT 1000-300D	380V	2X3	DN100/ DN150	DN50	DN40		70	66	61	56	50	44	37	32	26	18	12	6					
GRANDLIFT 1000-400D	380V	2X4	DN100/ DN150	DN50	DN40		92	87	81	76	70	63	56	49	42	35	28	18	9				
GRANDLIFT 1000-550D	380V	2X5.5	DN100/ DN150	DN50	DN40		108	103	97	92	85	80	71	66	59	52	44	37	28	19	9		
GRANDLIFT 1000-750D	380V	2X7.5	DN100/ DN150	DN50	DN40		154	148	140	132	125	115	108	97	88	80	71	61	50	40	31	19	8

GRANDLIFT 60

GRANDLIFT 120

Model	Voltage	Power	Size			H(m)	2	4	6	8	10	12	14	16	18
		kW	Inlet	Outlet	vent pipe										
GRANDLIFT 20-40SW	220V/380V	0.4	DN100	DN80	DN80		18	15	10	5					
GRANDLIFT 20-75SW	220V/380V	0.75	DN100/ DN150	DN80	DN80		26	23	19	15	10	5			
GRANDLIFT 60-75SW	220V/380V	0.75	DN100/ DN150	DN80	DN80	Q (m³/h)	36	31	25	18	11	6			
GRANDLIFT 120-150SW	220V/380V	1.5	DN100/ DN150	DN80	DN80		45	38	33	27	21	14	7		
GRANDLIFT 120-220SW	220V/380V	2.2	DN100/ DN150	DN80	DN80		50	45	41	36	31	26	20	12	7

Model	Voltage	Power	Size			H(m)	2	4	6	8	10	12	14	16	18	20	22	24
		kW	Inlet	Outlet	vent pipe													
GRANDLIFT 80-75DW	220V/380V	2X0.75	DN100	DN80	DN80		36	31	25	18	11	6						
GRANDLIFT 150-150DW	220V/380V	2X1.5	DN100/ DN150	DN80	DN80		45	38	33	27	21	14	7					
GRANDLIFT 150-220DW	220V/380V	2X2.2	DN100/ DN150	DN80	DN80	Q (m³/h)	50	45	41	36	31	26	20	12	7			
GRANDLIFT 450-220DW	220V/380V	2X2.2	DN100/ DN150	DN80	DN80		50	45	41	36	31	26	20	12	7			
GRANDLIFT 450-370DW	380V	2X3.7	DN100/ DN150	DN80	DN80		71	66	62	57	52	47	42	36	30	24	17	9

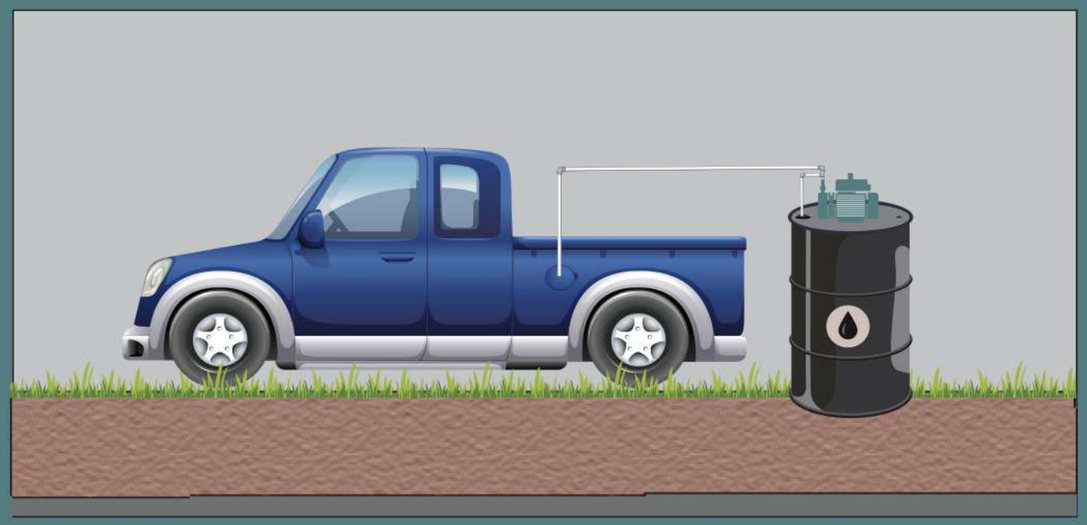
FUEL TRANSFER PUMP

This series is mainly for fuel dispenser related products, including electric fuel pump assembly, vehicle urea filler, rotor frame assembly and supporting fuel gun, fuel pump and other related products. The voltage is available in AC220V and DC12/24 for customers to choose from.

HOUSEHOLD

Application

The different products can be used to extract diesel, petrol, motor oil etc. The products are widely used in private petrol stations, oil depots, construction sites, adding oil to vehicles or other equipment in farms and factories etc.



FUEL TRANSFER PUMP

GOPD — L03

GOPA — L04

GOPB — L05

GOPS — L05

GOP — L06

GOP-EX — L06

GOP-MB/AB — L07

GAPA/GAPD — L07

FUEL TRANSFER PUMP

GOS — L08

GOPD FUEL TRANSFER PUMP

Installation And Use

GOPD series pumps are suitable for pumping kerosene or diesel oil, and they are not suitable for gasoline. They are particularly suitable for domestic or industrial applications such as diesel station, oil circling system and increasing oil pressure. The design features of these particularly compact brass or stainless steel pumps provide a guarantee against rust and oxidation. The pumps are equipped with built-in strainer and bypass valve. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to
4.8 m³/h

Head up to
11 m

Main liquid Type:
Diesel oil and kerosene.

Application Limits

Manometric suction lift up to 5 m
Liquid temperature up to + 80 C
Ambient temperature up to + 40 C

Construction

Pump Body: Cast iron.
Pump casing: Cast iron.
Impeller: Iron or aluminum.
Motor Shaft: Welding shaft.
Insulation: Class B.
Protection: IP 44.

GOPD-40S/60S//80S

GOPD-40/60/80

GOPD-70

GOPD-80

ZY

Model	Voltage	Power		Max head	Max.flow	Rated Speed	Suct.Max.	G/W
		kW	HP	m	m³/h	rpm	m	kg
GOPD-40S	DC12V/24v	0.16	0.21	10	2.4	3500	5	14
GOPD-60S	DC12V/24v	0.2	0.27	10	3.6	4200	5	14.5
GOPD-80S	DC12V/24v	0.35	0.47	10	4.8	4200	5	21.5
GOPD-40	DC12V/24v	0.16	0.21	10	2.4	3500	5	24
GOPD-60	DC12V/24v	0.2	0.27	10	3.6	4200	5	20
GOPD-80	DC12V/24v	0.35	0.47	10	4.8	4200	5	9.8
GOPD-70	DC12V/24v	0.3	0.4	11	4.2	3800	5	25
ZY50-12DC	DC12V	0.16	0.21	15	2.4	3600	5	16.2
ZY50-24DC	DC24v	0.19	0.25	15	2.4	3600	5	16.2
ZY40-220AC	220V/50HZ	0.3	0.4	20	2.7	2800	5	16.2

GOPA FUEL TRANSFER PUMP

Installation And Use

GOPA series pumps are suitable for pumping kerosene or diesel oil. And it is not suitable for low flash point fuel (such as gasoline, liquefied petroleum gas and alcohol, etc) transmission. They are particularly suitable for all kinds of machinery, tractor and farm equipment. It may be also used with a fueling nozzle and filters for ensuring the flow of clean diesel or kerosene fuel. The pump has thermal protection and may shut off if the maximum operating temperature of the pump is achieved. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow:
6 m³/h

Max.Head:
10 m

Main liquid Type:
Diesel oil and kerosene.

Application Limits

Manometric suction lift up to 5 m
Liquid temperature up to + 80 C
Ambient temperature up to + 40 C

Construction

Pump Body: Cast iron.
Impeller: Iron or aluminum.
Motor Shaft: Welding shaft.
Insulation: Class B.
Protection: IP 44.

GOPA-40S/60S/70S/80S/100S

GOPA-40/60

GOPA-70/80/100

Model	Power		Voltage	Max head	Max.flow	Suct.Max.	G/W
	kW	HP		m	m³/h	m	kg
GOPA-40S	0.12	0.16	220V/50Hz	10	2.4	5	17
GOPA-60S	0.55	0.75	220V/50Hz	10	3.6	5	18
GOPA-80S	0.75	1	220V/50Hz	10	4.8	5	23
GOPA-100S	0.75	1	220V/50Hz	10	6	4	25
GOPA-40	0.12	0.16	220V/50Hz	10	2.4	5	31.6/5
GOPA-60	0.55	0.75	220V/50Hz	10	3.6	5	19.0/9
GOPA-80	0.55	0.75	220V/50Hz	10	4.8	5	27/9.2
GOPA-100	1	1.34	220V/50Hz	10	6	5	15.4

GOPB FUEL TRANSFER PUMP

Installation And Use

GOPB mini diesel fuel dispenser is designed and manufactured to meet requirement for compact diesel fuel dispenser for private use. It is easy to install, which can be fitted to a wall, directly on the tank by means of the quick coupling or on a column. And it is a unique diesel dispenser with the advantage of low running cost, compact size and flexibility. Standard equipment: mechanical flow meter, automatic nozzle and intake pipe, etc. Automatic nozzle and other accessories are available on request. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow 3.6 m³/h

Max.Head 10 m

Main liquid Type:
Diesel oil and kerosene.

Application Limits

Manometric suction lift up to 5 m
Liquid temperature up to + 80 C
Ambient temperature up to + 40 C

Model	Power		Max head	Max.flow	Suct.Max.	G/W
	kW	HP	m	m³/h	m	kg
GOPB-60A	0.55	0.75	10	3.6	5	24.5

GOPS FUEL TRANSFER PUMP

Installation And Use

GOPS series pumps are suitable for pumping kerosene or diesel oil, forbidden to work with easy explosive oil like gasoline. They are particularly suitable for domestic or industrial applications such as diesel station,oil circling system and increasing oil pressure. The pumps with small size, light and easy carrying. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow 2 m³/h

Max.Head 30 m

Main liquid Type:
Diesel oil and kerosene.

GOPS-A

GOPS-B

Application Limits

Manometric suction lift up to 5 m
Liquid temperature up to + 80 C
Ambient temperature up to + 40 C

Construction

Pump Body: Cast iron.
Impeller: Iron or aluminum.
Motor Shaft: Welding shaft.
Insulation: Class B.
Protection: IP 44.

Model	Power		Max head	Max.flow	Suct.Max.	G/W
	kW	HP	m	m³/h	m	kg
GOPS-40AS	0.55	0.75	30	2	5	13.5
GOPS-40BS	0.55	0.75	30	2	5	13.5
GOPS-40A	0.55	0.75	30	2	5	9.3
GOPS-40B	0.55	0.75	30	2	5	9.3

GOP FUEL TRANSFER PUMP

Installation And Use

GOP series pumps are suitable for pumping clean water, lube oil or kerosene. They are particularly suitable for domestic or industrial applications such as supply water from well, diesel station,oil circling system and increasing of water or oil pressure. The design features of these particularly compact brass or stainless steel pumps provide a guarantee against rust and oxidation. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow 4.5 m³/h

Max.Head 16 m

Liquid Type:
Clean water, lube oil or kerosene.

Application Limits

Liquid temperature up to + 80 C
Ambient temperature up to + 40 C
Max. working pressure 10 bar

Construction

Pump Body: Stainless steel or brass.
Impeller: Iron or aluminum.
Motor Shaft: Welding shaft.
Insulation: Class B.
Protection: IP 44.

Model	Power		Max head	Max.flow	Suct.Max.	G/W	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.4	3
	kW	HP	m	m³/h	m	kg	Q (L/min)	0	5	10	15	20	30	40	50
GOP20A	0.33	0.4	16	1.8	/	6	H(m)	16	13	10	7	4			
GOP20	0.33	0.4	10	2.85	/	6		10	9	8	7	6	4	2	
GOP25	0.4	0.5	12	3.3	/	6.3		12	11	9.5	9	7.5	5.5	3	1
GOP30	0.7	0.95	14	3.9	/	8.5		14	13	12	11	9.5	7.5	5	3
GOP35	0.8	1	16	4.5	/	9		16	15	14	13	12	9.5	8	5

GOP-EX FUEL TRANSFER PUMP

Installation And Use

GOP- EX series pumps are suitable for pumping gasoline oil. They are particularly suitable for domestic or industrial applications such as supply oil from gas station,oil circling system and increasing of oil pressure. The design features of these particularly compact brass or stainless steel pumps provide a guarantee against rust and oxidation. And the pumps are equipped with built-in strainer and bypass valve. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow 1.8 m³/h

Max.Head 15 m

Application Limits

Liquid temperature up to + 80 C
Ambient temperature up to + 40 C
Max. working pressure 10 bar

Construction

Pump Body: Cast iron.
Impeller: Iron or aluminum.
Motor Shaft: Welding shaft.
Insulation: Class B.
Protection: IP 44.

Model	Power		Max head	Max.flow	Suct.Max.	G/W
	kW	HP	m	m³/h	m	kg
GOPD-EX-56	0.24	0.32	10	1.8	5	10

GOP-MB/AB FUEL TRANSFER PUMP

Installation And Use

GOP-MB/AB series pumps are suitable for pumping and delivering oil such as gasoline, petroleum and kerosene oil, etc. This pump has the characteristics of light weight, easy oil pumping, simple installation and high durability and so on. And this pump is widely used in all kinds of situations that has latent fire and explosion danger, such as petroleum, chemical industry, and electronics and so on. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow 9 m³/h

Max.Head 10 m

Application Limits

Manometric suction lift up to 5 m
Liquid temperature up to + 80 C
Ambient temperature up to + 40 C
Max. working pressure 10 bar

Construction

Material: Cast iron, aluminum alloy.
Insulation: Class B.
Protection: IP 44.

Model	Power		Max head	Max.flow	Suct.Max.	G/W
	kW	HP	m	m³/h	m	kg
GOP-MB-32	/	/	/	1.68	/	19
GOP-AB-1	0.55	0.75	7	6.6	5	16

GAPA/GAPD FUEL TRANSFER PUMP

Installation And Use

GAPA/ GAPD series pumps are designed for applications where dry self-priming is needed and is equipped with built-in safety valve. Built-in pressure switch automatically starts and stops pump when faucets is opened and closed. The pumps can guns dry for extended periods of time without damage. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow 1.8 m³/h

Max.Head 10 m

Application Limits

Manometric suction lift up to 5 m
Liquid temperature up to + 80 C
Ambient temperature up to + 40 C
Max. working pressure 10 bar

Construction

Housing: Polypropiyene.
Motor Shaft: 316 Stainless steel.
Check Valve Spring: 316 Stainless steel.
Insulation: Class B.
Protection: IP 44.

Model	Power		Max head	Max.flow	Suct.Max.	G/W
	kW	HP	m	m³/h	m	kg
GAPA-40	0.55	0.75	10	1.8	5	12
GAPD-40	0.5	0.75	10	1.8	5	12

GOS FUEL TRANSFER PUMP

Installation And Use

GOS series pumps are designed for applications where dry self-priming is needed and is equipped with built-in safety valve. Built-in pressure switch automatically starts and stops pump when faucets is opened and closed. The pumps can guns dry for extended periods of time without damage. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Max.Flow 2.7 m³/h

Max.Head 10 m

Application Limits

Manometric suction lift up to 5 m
Liquid temperature up to + 80 C
Ambient temperature up to + 40 C
Max. working pressure 10 bar

Construction

Housing: Polypropiyene.
Motor Shaft: 316 Stainless steel.
Check Valve Spring: 316 Stainless steel.
Insulation: Class B.
Protection: IP 44.

Model	Power		Max head	Max.flow	Voltage	Size
	kW	HP	m	m³/h	V	mm
GOS-D1	0.06	0.08	5	1.8	DC12V/24V	3/4"
GOS-D2	0.16	0.21	10	2.7	DC12V/24V	3/4"

FUEL TRANSFER PUMP

ACCESSORIES

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use and are economical,these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments.The pumps should be installed in enclosed environment,or at least sheltered from inclement weather.

ACCESSORIES

CHECK VALVE

M03

NON-RETURN VALVE

M04

THREE/FOUR/FIVE-WAY VALVE

M05

ACCESSORIES

PRESSURE TANK

M10

PRESSURE GAUGE

M14

MEMBRANE

M14

WELL PUMP CONTROL CABINET

M15

PRESSURE SWITCH

M06

ACCESSORIES CHECK VALVE

Installation And Use

The Green check valve is suitable for domestic water service, and heating plants, compressed air systems. It can be installed in any position: Vertical, horizontal, oblique. Check valve is widely used in pump applications. The function of this type of valve is to only allow the medium to flow in one direction and prevent the flow in the opposite direction. This kind of valve works automatically. Under the action of the fluid pressure flowing in one direction, the valve flap opens; when the fluid flows in the opposite direction, the fluid pressure and the self-coincidence of the valve flap act on the valve seat, thereby cutting off the flow.

Features

Nominal Pressure: 200W0G
Working Temperature:-20°C≤t≤150°C
Available: In all sizes from 1/2" up to 4"

CHECK VALVE

Picture	Model	Size Inch
	GFV-G001	1/2"
	GFV-G002	3/4"
	GFV-G003	1"
	GFV-G004	1 1/4"
	GFV-G005	1 1/2"
	GFV-G006	2"
	GFV-G007	2 1/2"
	GFV-G008	3"
	GFV-G009	4"

Picture	Model	Size Inch
	GFV-H010	1/2"
	GFV-H011	3/4"
	GFV-H012	1"
	GFV-H013	1 1/4"
	GFV-H014	1 1/2"
	GFV-H015	2"
	GFV-H016	2 1/2"
	GFV-H017	3"
	GFV-H018	4"

Picture	Model	Size Inch
	GFV-H019	1/2"
	GFV-H020	3/4"
	GFV-H021	1"

Picture	Model	Size Inch
	GFV-H022	1/2"
	GFV-H023	3/4"
	GFV-H024	1"

CHECK VALVE

Picture	Model	Size Inch
	GFV-H001	1/2"
	GFV-H002	3/4"
	GFV-H003	1"
	GFV-H004	1 1/4"
	GFV-H005	1 1/2"
	GFV-H006	2"
	GFV-H007	2 1/2"
	GFV-H008	3"
	GFV-H009	4"

Picture	Model	Size Inch
	GFV-H025	1"
	GFV-H026	1 1/4"
	GFV-H027	1 1/2"
	GFV-H028	2"

Picture	Model	Size Inch
	GFV-H029	1"
	GFV-H030	1 1/4"
	GFV-H031	1 1/2"
	GFV-H032	2"

Model	Size Inch
GFV-H033	1 1/4"

ACCESSORIES NON-RETURN VALVE

Installation And Use

The Green non-return valve is suitable for domestic water service, heating and Air-conditioning plants, compressed air systems. It can be installed in any position: Vertical, horizontal, oblique. Perfect seal at low and high pressure, with a wide temperature rang. Very silent functioning, compact dimensions, superior performancesand constant quality. Its function is to ensure the one-way flow of the liquid in the suction pipe and make the pump work normally. When the pump stops working intermittently for a short time, the liquid cannot return to the water source tank. The suction pipe is filled with liquid to facilitate the start of the pump.

Features

Nominal Pressure: 200W0G
Working Temperature:-20°C≤t≤150°C
Available: In all sizes from 3/8" up to 4"

NON-RETURN VALVE

Picture	Model	Size Inch
	GFV-D001	1/2"
	GFV-D002	3/4"
	GFV-D003	1"
	GFV-D004	1-1/4"
	GFV-D005	1-1/2"
	GFV-D006	2'
	GFV-D007	2-1/2"
	GFV-D008	3'
	GFV-D009	4'

Picture	Model	Size Inch
	GFV-D019	1/2"
	GFV-D020	3/4"
	GFV-D021	1"
	GFV-D022	1-1/4"
	GFV-D023	1-1/2"
	GFV-D024	2"
	GFV-D025	2-1/2"
	GFV-D026	3"
	GFV-D027	4"

Picture	Model	Size Inch
	GFV-D037	1/2"
	GFV-D038	3/4"
	GFV-D039	1"
	GFV-D040	1-1/4"
	GFV-D041	1-1/2"
	GFV-D042	2"
	GFV-D043	2-1/2"
	GFV-D044	3"
	GFV-D045	4"

NON-RETURN VALVE

Picture	Model	Size Inch
	GFV-D010	1/2"
	GFV-D011	3/4"
	GFV-D012	1"
	GFV-D013	1-1/4"
	GFV-D014	1-1/2"
	GFV-D015	2"
	GFV-D016	2-1/2"
	GFV-D017	3"
	GFV-D018	4"

Picture	Model	Size Inch
	GFV-D028	1/2"
	GFV-D029	3/4"
	GFV-D030	1"
	GFV-D031	1-1/4"
	GFV-D032	1-1/2"
	GFV-D033	2"
	GFV-D034	2-1/2"
	GFV-D035	3"
	GFV-D036	4"

ACCESSORIES THREE/FOUR/FIVE-WAY VALVE

Installation And Use

Copper three or four ways are made of copper, built-in non return valve core, unique sealing design and in non-return valve core, rubber material selection, make the product adapt to the worse working conditions and more stringent conditions. Designed for variable frequency constant pressure water supply system of five structure, also will highly integrated pressure sensors, pressure tank, pressure guage, for more easy installation, system cleaner. Fully compliance with the EU and America and other countries high standards and requirements for product safety and enviromental protection, eliminates the users worry to safety and health, has a unique potential in the domestic water supply system.

THREE/FOUR/FIVE-WAY VALVE

Picture	Model	Type	Size mm
	GFC-S044	Three-way valve	1"X (70-72)mm
	GFC-S045	Three-way valve	1"X (80-82)mm
	GFC-S046	Three-way valve	1"X (70-72)mm
	GFC-S047	Three-way valve	75mm
	GFC-S048	Three-way valve	86mm
	GFC-F006	Four-way valve	1"X (80-82)mm
	GFC-F007	Four-way valve	1"X 100mm
	GFC-I001	Five-way valve	1"X (70-72)mm
	GFC-I002	Five-way valve	1"X (70-72)mm
	GFC-I003	Five-way valve	1"X (75-77)mm
	GFC-I004	Five-way valve	1"X (80-82)mm

FOUR/FIVE-WAY VALVE

Picture	Model	Type	Size mm
	GFC-I005	Five-way valve	1"X (80-82)mm
	GFC-I006	Five-way valve	1"X 91mm
	GFC-I007	Five-way valve	1"X 91mm
	GFC-I008	Five-way valve	1"X 91mm
	GFC-I009	Five-way valve	1"X 110mm
	GFC-I010	Five-way valve	1"X 110mm
	GFC-I011	Five-way valve	1-1/4" X 80mm
	GFC-I012	Heavy Five-way valve	1"X (70-72)mm
	GFC-I013	Heavy Five-way valve	1"X 91mm
	GFC-I014	Heavy Five-way valve	1"X 91mm
	GFC-I015	Heavy Five-way valve	1"X 110mm
	GFC-L001	Six-way valve	110mm
	GFC-L002	Six-way valve	110mm

ACCESSORIES CONTROL

Installation And Use

The Green controller has high quality, multi-functional, low noise and strong commonality etc.characteristics. This series of controller can ensure great reliability and efficiency. The controller can start and stop the water pump automatically. Stop the pump in the case of water shortage. After power cut off, restart the pump automatically when the power on. Due to its reliability and flexibility, this controller is suitable for hotels, apartment, residential community area, high- rise building, orchard, office, water treatment equipment etc.

Features

- Sleep Function: No water consumption pump decelerates to the down limit and after a detection then sleep down. Until the pressure below settings, master pump wake up automatically.
- Restart after Power on: Power off during running, it restarts when power on again.
- Terminal Run/ Stop: Can be connected to external switch from terminal. When switch on, pump run and maintain a setting constant pressure; When switch off, pump stopped.
- Simple installation and no required maintenance
- Electrical fault protection: When there is an over current, over voltage, under voltage, phase loss, over load etc, the Controller will stop automatically.

CONTROL

Picture	Model	Voltage	Starting Pressure	Current A	Size Inch	Protection Class	G/W kg	N/W kg
 PCB-GFAm1	GFAm1	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	16.2	13
 PCB-GFAm1AP	GFAm1A	220-240V/110-115V	0.5~6Bar	10A	1" X 1"	IP65	19	17
 PCB-GFAm1AP	GFAm1AP	220-240V/110-115V	0.5~6Bar	16 A	1" X 1"	IP65	19	17
 PCB-GFAm1	GFAm1B	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	10.4	7.9
 PCB-GFAm1P	GFAm1P	220-240V/110-115V	1.5/2.2Bar	10A	1.2" X 1.2"	IP65	10.4	7.9
 PCB-GFAm1AP	GFAm1S	220-240V/110-115V	0.5~6Bar	10A	1" X 1"	IP65	19	17
 PCB-GFAm1L	GFAm1L	85-265V	0.5~6Bar	10A	1" X 1"	IP65	19	17
 PCB-GFAm2	GFAm2	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	14.44	11.28
 PCB-GFAm2	GFAm2A	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	14.5	11.3
 PCB-GFAm2	GFAm2C	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	14.5	11.3
 PCB-GFAm2	GFAm2D	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	14.5	11.3
 PCB-GFAm2	GFAm2E	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	14.5	11.3
 PCB-GFAm3	GFAm3	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	18	15.5
 PCB-GFAm3	GFAm3A	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	14.5	12.7

CONTROL

Picture	Model	Voltage	Starting Pressure	Current A	Size Inch	Protection Class	G/W kg	N/W kg
 PCB-GFAm3	GFAm3B	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	18.6	15.6
 PCB-GFAm3C	GFAm3C	220-240V/110-115V	0.5～6Bar	10A	1" X 1"	IP65	12	14.5
 PCB-GFAm4	GFAm4	220-240V/110-115V	1.5/2.2Bar	12A	1" X 1"	IP65	8.62	6.12
 PCB-GFAm4A	GFAm4A	220-240V/110-115V	1.0～6Bar	12A	1" X 1"	IP65	12	10
 PCB-GFAm5	GFAm5	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	12.3	10
 PCB-GFAm6	GFAm6	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	20.5	17
 PCB-GFAm7	GFAm7	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	10.2	8.1
 PCB-GFAm8	GFAm8	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	15.8	14.64
 PCB-GFAm8	GFAm8B	220-240V/110-115V	1.5/2.2Bar	10A	1" X 1"	IP65	16.8	14.6
 PCB-GFAm10	GFAm10	220-240V/110-115V	30～80L/h	10A	1" X 1"	IP55	10.36	8.16
 PCB-GFAm20S	GFAm20S	90-260V	1.0～6Bar	10A	1" X 1"	IP65	18.8	16.8
 PCB-GFAm20M	GFAm20A	90-260V	1.0～6Bar	10A	1" X 1"	IP65	18.8	16.8
 PCB-GFAm20M	GFAm20	90-260V	1.0～6Bar	10A	1" X 1"	IP65	15.4	12.4
 PCB-GFAm20S	GFAm20SP	90-260V	1.0～10Bar	10A	1" X 1"	IP65	24.27	22.27
 PCB-GFAm20M	GFAm20AP	90-260V	1.0～10Bar	10A	1" X 1"	IP65	24.27	22.27
 PCB-GFAm20M	GFAm20P	90-260V	1.0～10Bar	10A	1" X 1"	IP65	15.68	13.68

CONTROL

Picture	Model	Voltage	Starting Pressure	Current A	Size Inch	Protection Class
	PS-01	220-240V/110-115V	1.1-1.8;1.3-2.3; 1.4-2.8;1.8-3.0bar	12A	F1/4"; M1/4"	IP20
	PS-02	220-240V/110-115V	20-40;30-50;40-60; 50-70;60-80;70-100PSI	12A	F1/4"/ M1/4"(Screw); F3/8"	IP20
	PS-02A	220-240V/110-115V	20-40;30-50;40-60; 50-70;60-80;70-100PSI	12A	F1/4"/ M1/4"(Screw); F3/8"	IP20
	PS-02B	220-240V/110-115V	20-40;30-50;40-60; 50-70;60-80PSI	12A	M1"+F1"+F1"	IP20
	PS-03A	220-240V/110-115V	1.0-1.7;1.1-1.8; 1.4-2.2;2.2-3.0Bar	5A	M1/4";M3/8"; F1/4";F3/8"	IP20
	PS-03B	220-240V/110-115V	1.0-1.7;1.1-1.8; 1.4-2.2;2.2-3.0Bar	8A	M1/4";F1/4"; F3/8"	IP20
	PS-05	220-240V/110-115V	20-40;30-50;90-125; 120-150;135-175PSI	12A	F1/4"/ M1/4"; F3/8"	IP20
	PS-09	220-240V/110-115V	15-35;20-40; 30-50;40-60PSI	12A	1/4",3/8",1/2" Female or Male, Screw	IP54
	PS-09A	220-240V/110-115V	0.1-0.5Bar;0.15-0.9Bar	12A	1/4",3/8",1/2" Female or Male, Screw	IP54
	PS-09C	220-240V/110-115V	15-35;20-40;30-50; 40-60; 50-80PSI	12A	M1"+F1"+F1"	IP54
	PS-09D	220-240V/110-115V	50-80;95-125; 120-150;135-175PSI	12A	1/4",3/8",1/2" Female or Male, Screw	IP54
	PS-22	220-240V/110-115V	15-35;20-40;30-50; 40-60; 50-80PSI	12A	F1/4", M1/4"	IP54
	PS-25	220-240V/110-115V	10-25;20-40;30-50; 40-60;50-80PSI	12A	1/4",3/8" Female or Male	IP20
	PS-08	220-240V/110-115V	1.5bar	8A	3/8" Male	IP20

ACCESSORIES CONTROL

CONTROL

Picture	Model	Voltage	Starting Pressure	Current A	Size Inch	Protection Class
	PS-A2	220V	0.2-9.8bar	8A	G1/2	IP65
	PS-B	220V	0.2-9.8bar	10A	G1/2	IP44
	PS-C	110V-230V	0.6-6bar	10A	G1/2	IP44

Picture	Model	Voltage	Cable size	Current A
	FLO-1	220-240V	3*0.75mm²/3*1.0mm²3*1.55mm² 45cm/60cm/75cm/2m/3m/5m/10m	16（6A）,12（8A）,16（12A
	FLO-3	220-240V	3*0.75mm²/3*1.0mm²3*1.55mm² 45cm/60cm/75cm/2m/3m/5m/10m	16（6A）,12（8A）,16（12A
	FLO-4	220-240V	3*0.75mm²/3*1.0mm²3*1.55mm² 45cm/60cm/75cm/2m/3m/5m/10m	16（6A）,12（8A）,16（12A
	FLO-5	220-240V	3*0.75mm²/3*1.0mm²3*1.55mm² 45cm/60cm/75cm/2m/3m/5m/10m	16（6A）,12（8A）,16（12A
	FLO-6	110V/220V	2*1.31mm²*60cm" 45cm/60cm/75cm/2m/3m/5m/10m	13A

ACCESSORIES PRESSURE TANK

Installation And Use

The Green pressure tank is mainly used in combination with water pumps. The pressure tank is used in the closed water circulation system to balance the water volume and pressure, can prevent the pump from working all the time. The pressure tank can also be used as water storage. It has the characteristics of automatic operation, small pressure fluctuation range, safety and reliability, energy saving, and good economic effect, etc.

Features

Inch size: 1/2"; 1"; 1 1/2"; 3/4"
Capacity up to 500L

PRESSURE TANK

Picture	Model Single-phase	Size Inch	Membrane	Tickness mm	Height mm	Diameter mm	Capacity L	Max.Press bar
	GFV2-150	½"	SBR	0.8	192	106	2L	6
	GFV2-160	½"	SBR/NBR	0.8	223	110	2L	6

Picture	Model Single-phase	Size Inch	Membrane	Tickness mm	Height mm	Diameter mm	Capacity L	Max.Press bar
	GFV3	1" P/4"	EPDM	0.8/1.0/1.2	235	170	3	6/8/10
	GFV4	1" P/4"	EPDM	0.8/1.0/1.2	302	155	4	6/8/10
	GFV5	1" P/4"	EPDM	0.8/1.0/1.2	275	170	5	6/8/10
	GFV8	1" P/4"	EPDM	0.8/1.0/1.2	328	200	8	6/8/10
	GFV12	1"	EPDM	0.8/1.2/1.5/2.0	305	270	12	6/8/10/16
	GFV19	1"	NRM	0.8	395	270	19	6
		1"	EPDM	1.2/1.5/2.0	395	270	19	8/10/16
	GFV24	1" P/4"	NRM	0.8	460	270	24	6
		1" P/4"	EPDM	1.2	460	270	24	8
		1"	EPDM	1.5/2.0	460	270	24	10/16

Picture	Model Single-phase	Size Inch	Membrane	Tickness mm	Height mm	Diameter mm	Capacity L	Max.Press bar
	GFS23	1"	NRM/EPDM	0.8mm	340	340	23L	6
	GFS24	1"	NRM	0.8mm	350	350	24L	6

Picture	Model Single-phase	Size Inch	Membrane	Tickness mm	Height mm	Diameter mm	Capacity L	Max.Press bar
	GFC19	1" P/4"	EPDM/NRM	0.8	292	395	19	6
		1" P/4"	EPDM	1.2	292	395	19	8
		1"	EPDM	1.5/2	292	395	19	10/16
	GFC24	1" P/4"	EPDM/NRM	0.8	292	460	24	6
		1" P/4"	EPDM	1.2	292	460	24	8
		1"	EPDM/NRM	1.5	292	460	24	10
		1"	EPDM	2	292	460	24	16
	GFC36	1" P/4"	EPDM/NRM	1	375	435	36	6
		1" P/4"	EPDM	1.2	375	435	36	8
		1"	EPDM	1.5	375	435	36	10
	GFC50	1" P/4"	EPDM/NRM	1	375	545	50	6
		1" P/4"	EPDM	1.2	375	545	50	8
		1"	EPDM/NRM	1.5	375	545	50	10
	GFC60	1" P/4"	EPDM/NRM	1	408	645	60	6
		1" P/4"	EPDM	1.2	408	645	60	8
		1"	EPDM	1.5/2	408	645	60	10/16
	GFC80	1" P/4"	EPDM/NRM	1/1.2	470	600	80	6/8
		1"	EPDM	1.5/2.5	470	600	80	10/16
	GFC100	1" P/4"	EPDM/NRM	1	470	685	100	6
		1" P/4"	EPDM	1.2	470	685	100	8
		1"	EPDM/NRM	1.5	470	685	100	10
		1"	EPDM	2.5	470	685	100	16

ACCESSORIES PRESSURE TANK

PRESSURE TANK ACCESSORIES

Picture	Stainless steel flange
	

Picture	Plastic flange
	

ACCESSORIES DIAPHRAGM TANK

Installation And Use

DT diaphragm tanks is constructed of a polypropylene line combined with high grade butyl diaphragm, two parts held against tank wall a steel clench ring. the water enters into the tank throught the stailess steel connector. the diaphragm and liner are both reinforced in specific abrasion area for longer life, the water connection provides a dual water/air seal and the valve cap sealed with o-ring to ensure a conplet leak free and maintenance free for pressure vessel.

DIAPHRAGM TANK

Picture	Model Single-phase	Size Inch	Membrane	Tickness mm	Height mm	Diameter mm	Capacity L	Max.Press bar
	DT-2V	1"	BUTYL	1.0	210	125	125	8
	DT-4V	1"	BUTYL	1.0	260	162	162	8
	DT-8V	1"	BUTYL	1.0	315	200	200	8
	DT-18V	1"	BUTYL	1.0	372	278	278	8
	DT-24V	1"	BUTYL	1.0	478	318	318	8
	DT-60V	1"	BUTYL	1.0	622	390	390	8
	DT-80V	1"	BUTYL	1.0	815	390	390	8

ACCESSORIES PRESSURE GAUGE / MEMBRANE

Installation And Use

The Green pressure gauge is suitable for the machine and plant construction industry as well as building services industry. It's also for light industrial applications requiring damping. Furthermore, this type is only suitable for gases and liquids that do not attack the brass measurig system. PG series pressure gauges have reasonable design and reliable production process,so have ascendant vibration-resisting performance.

Features

Inch size: 1/8"; 1/4"
Coulping length: 16.7 mm; 18.4 mm
Pressure range: 0-6;0-10 bar
Pressure value: 0-12 kg; 0-14 kg; 0-16 kg

PRESSURE GAUGE

Picture	Model	Connection type	Size	Cover material	Pressure range
	PG-P40A	Axial G1/4"/M10*1	40mm	Plastic	0-6 bar
	PG-P50A	Axial G1/4"/M10*1	50mm	Plastic	0-10 bar/0-6bar
	PG-P60A	Axial G1/4"/M10*1	60mm	Plastic	0-10 bar/0-6bar
	PG-P40R	Radial G1/4"/M10*1	40mm	Plastic	0-6 bar
	PG-P50R	Radial G1/4"/M10*1	50mm	Plastic	0-10 bar/0-6bar
	PG-P60R	Radial G1/4"/M10*1	60mm	Plastic	0-10 bar/0-6bar
	PG-SS40A	Axial G1/4"/M10*1	40mm	Stainless steel	0-6 bar
	PG-SS50A	Axial G1/4"/M10*1	50mm	Stainless steel	0-10 bar/0-6bar
	PG-SS60A	Axial G1/4"/M10*1	60mm	Stainless steel	0-10 bar/0-6bar
	PG-SS63A	Axial G1/4"/M10*1	63mm	Stainless steel	0-10 bar/0-6bar
	PG-SS40R	Radial G1/4"/M10*1	40mm	Stainless steel	0-6 bar
	PG-SS50R	Radial G1/4"/M10*1	50mm	Stainless steel	0-10 bar/0-6bar
	PG-SS60R	Radial G1/4"/M10*1	60mm	Stainless steel	0-10 bar/0-6bar
	PG-SS63R	Radial G1/4"/M10*1	63mm	Stainless steel	0-10 bar/0-6bar
	PG-S40A	Axial G1/4"/M10*1	40mm	Iron sheet	0-6 bar
	PG-S50A	Axial G1/4"/M10*1	50mm	Iron sheet	0-10 bar/0-6bar
	PG-S60A	Axial G1/4"/M10*1	60mm	Iron sheet	0-10 bar/0-6bar
	PG-S40R	Radial G1/4"/M10*1	40mm	Iron sheet	0-6 bar
	PG-S50R	Radial G1/4"/M10*1	50mm	Iron sheet	0-10 bar/0-6bar
	PG-S60R	Radial G1/4"/M10*1	60mm	Iron sheet	0-10 bar/0-6bar

MEMBRANE

Picture	Model	Capacity	Material
	NRM-8L	8L	Natural rubber
	NRM-12L	12L	Natural rubber
	NRM-24L	24L	Natural rubber
	NRM-50L	50L	Natural rubber
	NRM-100L	100L	Natural rubber
	ERM-8L	8L	EPDM
	ERM-12L	12L	EPDM
	ERM-24L	24L	EPDM
	ERM-50L	50L	EPDM
	ERM-100L	100L	EPDM

ACCESSORIES WELL PUMP CONTROL CABINET

Installation And Use

The water pump control cabinet has multiple protection functions such as overload, short circuit, phase loss protection, pump body leakage, motor over temperature and leakage, and complete status display. It has various starting methods. It can be widely used in industrial and agricultural application and various types of buildings for water supply, drainage, fire protection, sprinkler network pressurization and HVAC cold and hot water circulation and other occasions for automatic pump control.

Features

Direct On Line
Star/Delta start
Soft start

LS

LS-S

PUMP CONTROL CABINET

Model	Power	Starting mode	Air switch configuration	Contactor configuration	Protector configuration	Dimension
LS10	7.5kW	DOL	63A	25A	20A	400*300*180(AB type lock)
LS15	11kW	DOL	63A	32A	80A	400*300*180(AB type lock)
LS20(S)	15kW	DOL/Soft start	63A	40A	80A	500*400*200(AB type lock)
LS25(S)	18.5kW	Direct starting	63A	50A	80A	500*400*200(AB type lock)
LS30(S)	22kW	Direct starting	100A	65A	80A	500*400*200(AB type lock)
LS40(S)	30kW	Direct starting	100A	100A	80A	500*400*200(AB type lock)
LS50(S)	37kW	Direct starting	125A	160A	100A	600*500*200(AB type lock)
LS60(S)	45kW	Star triangle Starting	125A	100A+100+65A	100A	600*500*200(AB type lock)

ACCESSORIES