



**WATER PUMPS**  
**MADE IN ITALY**



2020

**GENERAL CATALOGUE**  
**CATALOGO GENERALE**



## CATALOGO GENERALE GENERAL CATALOGUE

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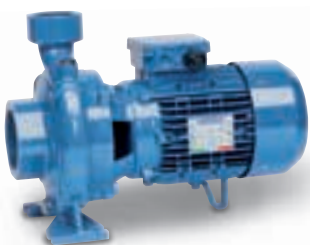
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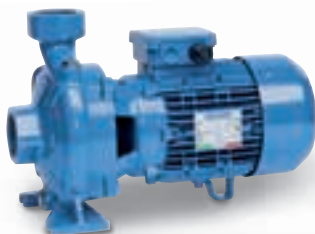
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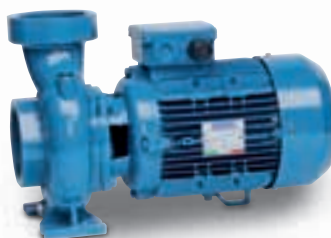
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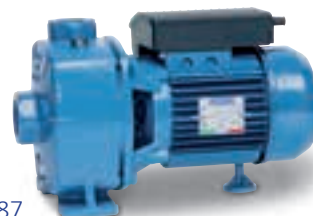
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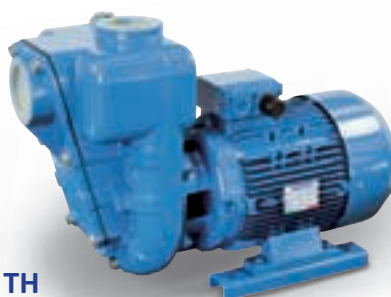
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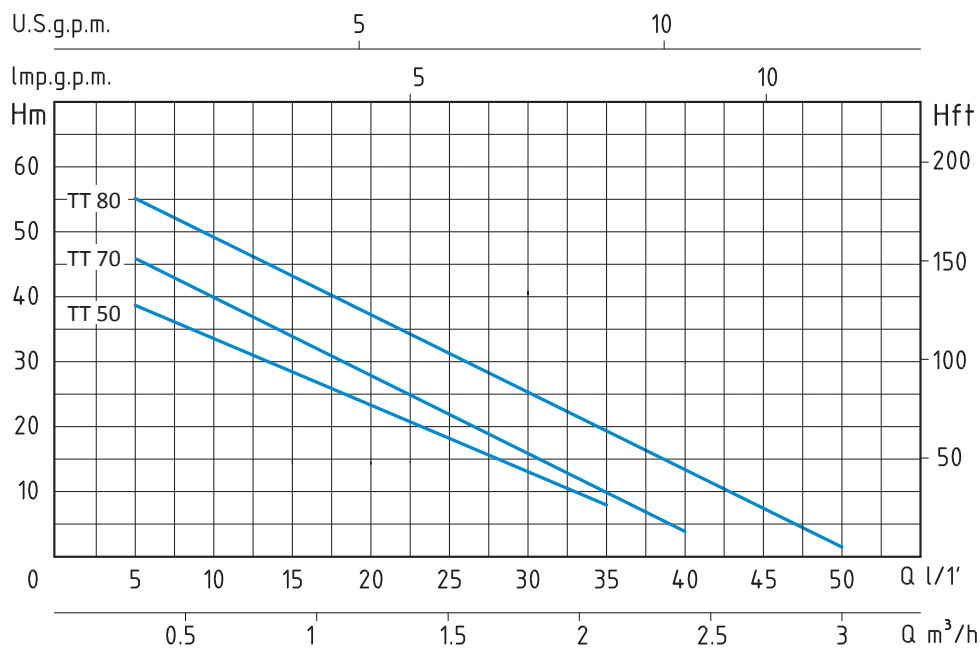
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**ACCESSORI**

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ELETTROPOMPE VOLUMETRICHE  
VOLUMETRIC PUMPS



TT - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br><i>NOMINAL</i><br><i>POWER</i>              |      | POTENZA<br>ASSORBITA<br><i>INPUT</i><br><i>POWER</i> | AMPERE                   | Q = PORTATA- CAPACITY |     |       |     |     |     |     |     |     |    |
|--------------------------|--------------------------------------------------------------------|------|------------------------------------------------------|--------------------------|-----------------------|-----|-------|-----|-----|-----|-----|-----|-----|----|
| Monofase<br>Single-phase | P2                                                                 |      | P1                                                   | Monofase<br>Single-phase | m³/h                  | 0,3 | 0,6   | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 3  |
|                          | HP                                                                 | kW   | kW                                                   |                          | lt/1'                 | 5   | 10    | 15  | 20  | 25  | 30  | 35  | 40  | 50 |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                                      |                          |                       |     |       |     |     |     |     |     |     |    |
|                          | TT 50                                                              | 0,5  | 0,37                                                 |                          | 0,55                  | 2,9 | H (m) | 38  | 34  | 29  | 24  | 19  | 13  | 8  |
| TT 70                    | 0,7                                                                | 0,52 | 0,80                                                 | 3,5                      | 46                    | 40  |       | 34  | 28  | 21  | 15  | 10  | 4   |    |
| TT 80                    | 0,8                                                                | 0,6  | 0,9                                                  | 4                        | 55                    | 49  |       | 42  | 36  | 31  | 25  | 20  | 13  | 2  |

### APPLICAZIONI

Elettropompe volumetriche in grado di sviluppare elevate prevalenze con potenze limitate, ed avere curve di funzionamento particolarmente stabili.

Sono adatte in impianti domestici, per aumentare la pressione di rete degli acquedotti e per la distribuzione automatica dell'acqua a mezzo di piccoli serbatoi, autoclavi o gruppi idrosfera a membrana. Per il corretto funzionamento della pompa usare esclusivamente acqua pulita, o liquidi non aggressivi, senza la presenza di sabbia o altre impurità solide.

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60 335-2-41)
- Temperatura max. liquido: 60°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

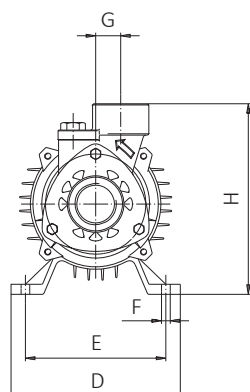
### MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

### MATERIALI

- Corpo pompa
- Supporto motore
- Girante
- Albero motore
- Tenute meccaniche (50-80)
- Tenute meccaniche (70)

Ghisa  
Ghisa  
Ottone  
Acciaio Inox AISI 304  
Ceramica/Grafite/NBR  
Grafite/Silicio/NBR



### APPLICATION

Volumetric water pumps able to offer high pressures in relation to comparatively low powers and which have particularly steady operating curves.

They are qualified in domestic fittings, to increase the system pressure in aqueducts and for automatic water distribution by small autoclave tanks or by hydrosphere units.

For the correct functioning of the pump, use clean water, or non-aggressive liquids only, without sand or other solid impurities.

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60 335-2-41)
- Temperature max. liquid: 60°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

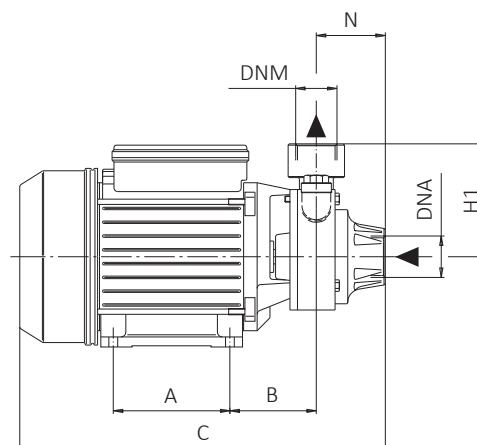
### MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

### MATERIALS

- Pump body
- Motor Support
- Impeller
- Shaft with rotor
- Mechanical seal (50-80)
- Mechanical seal (70)

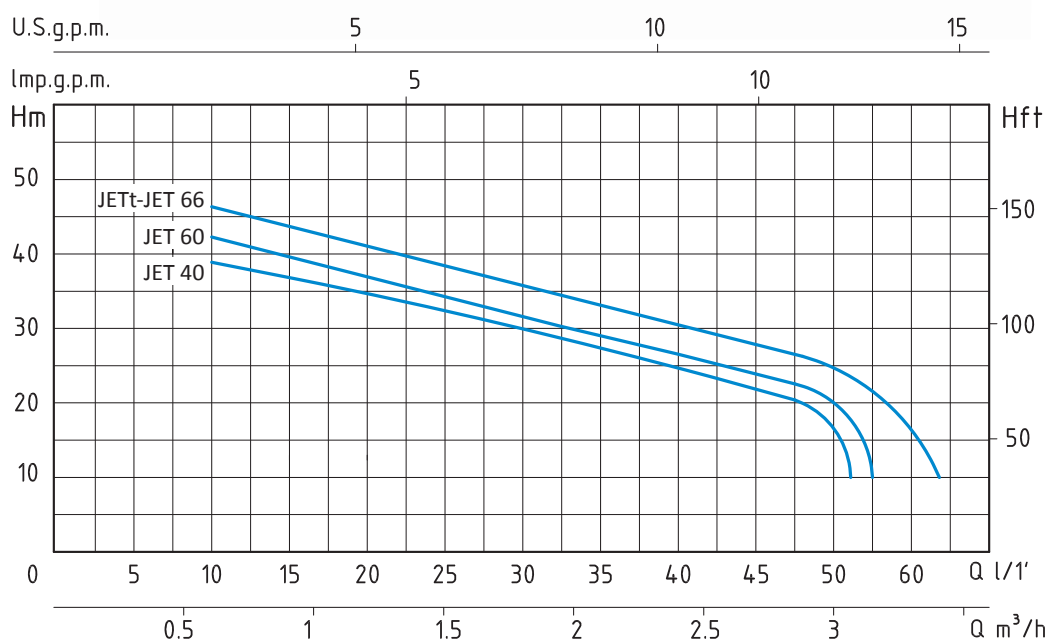
Cast Iron  
Cast Iron  
Brass  
Stainless Steel AISI 304  
Ceramic/Graphite/NBR  
Graphite/Silicon/NBR



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |   |    |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |
|--------------------------|------------------------------|----|-----|-----|-----|---|----|-----|----|----|-----|-----|--------------------------------|----------------|
|                          | A                            | B  | C   | D   | E   | F | G  | H   | H1 | N  | DNA | DNM |                                |                |
| Monofase<br>Single-phase |                              |    |     |     |     |   |    |     |    |    |     |     |                                |                |
| TT 50                    | 80                           | 65 | 255 | 120 | 100 | 7 | 20 | 144 | 81 | 50 | 1"  | 1"  | 177                            | 6,1            |
| TT 70                    | 85                           | 70 | 285 | 135 | 112 | 7 | 20 | 152 | 81 | 50 | 1"  | 1"  | 172                            | 7,7            |
| TT 80                    | 90                           | 70 | 295 | 135 | 112 | 7 | 20 | 161 | 90 | 55 | 1"  | 1"  | 172                            | 9,2            |



ELETTROPOMPE AUTOADESCANTI JET  
SELFPRIMING JET PUMPS



JET - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |    |
|--------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
|                          |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |    |
| JET 40                   |                        | 0,8                                                                | 0,6  | 0,8                                    | 3,8                      |                        | H<br>(m)              | 38  | 36  | 34  | 32  | 29  | 27  | 25  | 22  | 19 |
| JET 60                   |                        | 0,8                                                                | 0,6  | 0,8                                    | 3,8                      |                        |                       | 42  | 38  | 36  | 33  | 30  | 27  | 26  | 23  | 20 |
| JET 66                   | JETt 66                | 1                                                                  | 0,75 | 1                                      | 4,9                      | 2,3                    |                       | 46  | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 25 |

## APPLICAZIONI

Elettropompe autoadescanti Jet garantiscono un'ottima resa idraulica e una notevole capacità di pressione. Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas. Adatte per il sollevamento e la distribuzione negli impianti domestici a mezzo di piccoli e medi serbatoi (autoclavi).

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

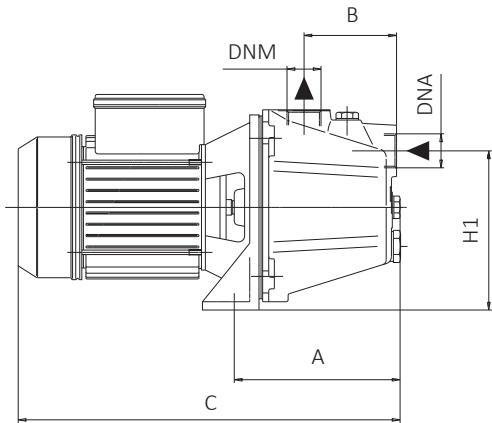
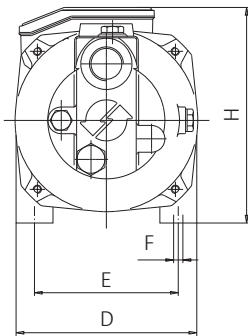
## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- Corpo pompa
- Supporto motore
- Girante
- Diffusore
- Flangia portatenuta
- Albero motore
- Tenute meccaniche

Ghisa  
Alluminio  
Noryl  
Noryl  
Acciaio Inox AISI 304  
Acciaio Inox AISI 304  
Ceramica/Grafite/NBR



## APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work perfectly even in so-da-water. Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.

## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

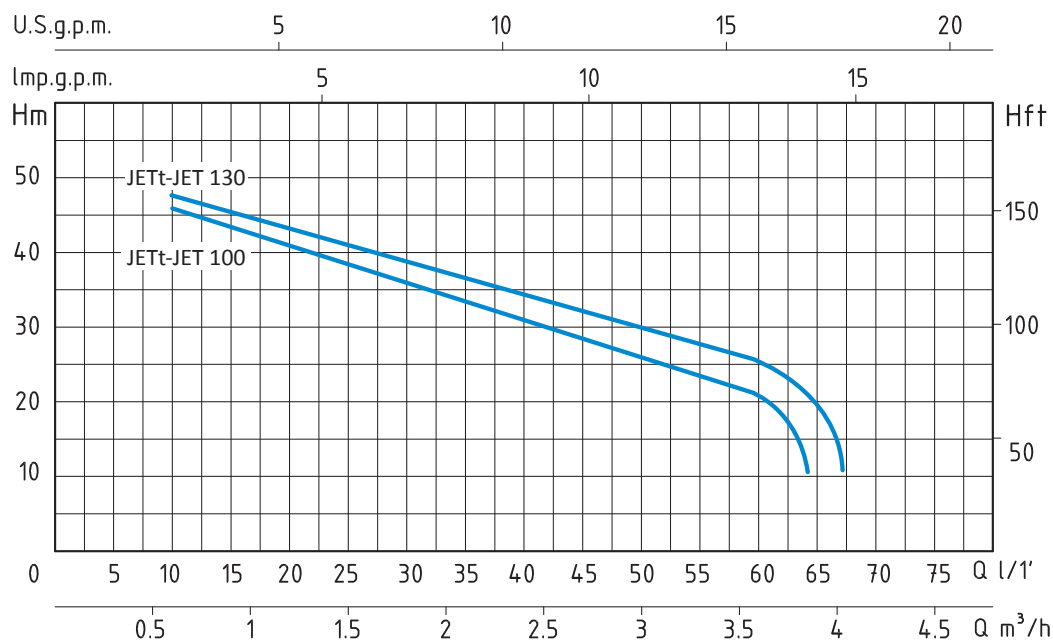
## MATERIALS

- Pump body
- Motor Support
- Impeller
- Diffuser
- Pump flange
- Shaft with rotor
- Mechanical seal

Cast Iron  
Aluminium  
Noryl  
Noryl  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Ceramic/Graphite/NBR

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |   |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|---|-----|-----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F | H   | H1  | DNA | DNM | P                              | L   | H   | Kg             |
| JET 40                   |                        | 150                          | 77 | 328 | 162 | 126 | 9 | 193 | 123 | 1"  | 1"  | 177                            | 365 | 197 | 8,7            |
| JET 60                   |                        | 162                          | 90 | 352 | 176 | 140 | 9 | 210 | 150 | 1"  | 1"  | 194                            | 400 | 220 | 10,1           |
| JET 66                   | JETt 66                | 162                          | 90 | 373 | 176 | 140 | 9 | 210 | 150 | 1"  | 1"  | 194                            | 400 | 220 | 12,4           |

ELETTROPOMPE AUTOADESCANTI JET  
SELFPRIMING JET PUMPS



| JET - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                    |      |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |    |     |
|---------------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| TIPO<br>TYPE                    |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |    |     |
| Monofase<br>Single-phase        | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  | 3,6 |
|                                 |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 | 60  |
|                                 |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |    |     |
| JET 100                         | JETt 100               | 1                                                                  | 0,75 | 1,1                                    | 5                        | 2,5                    | H<br>(m)              | 46  | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 26 | 22  |
| JET 130                         | JETt 130               | 1,3                                                                | 1    | 1,3                                    | 5,8                      | 2,8                    |                       | 47  | 44  | 43  | 40  | 39  | 36  | 35  | 32  | 30 | 25  |

APPLICAZIONI

Elettropompe autoadescanti Jet garantiscono un’ottima resa idraulica e una notevole capacità di pressione. Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas. Adatte per il sollevamento e la distribuzione negli impianti domestici a mezzo di piccoli e medi serbatoi (autoclavi).

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d’aspirazione manometrica fino a 8 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

MATERIALI

- |                         |                       |
|-------------------------|-----------------------|
| - Corpo pompa           | Ghisa                 |
| - Supporto motore (100) | Ghisa                 |
| - Supporto motore (130) | Alluminio             |
| - Girante (100)         | Acciaio Inox AISI 304 |
| - Girante (130)         | Noryl                 |
| - Diffusore             | Noryl                 |
| - Albero motore         | Acciaio Inox AISI 304 |
| - Tenute meccaniche     | Ceramica/Grafite/NBR  |

APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work perfectly even in so-da-water. Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.

OPERATING CONDITIONS

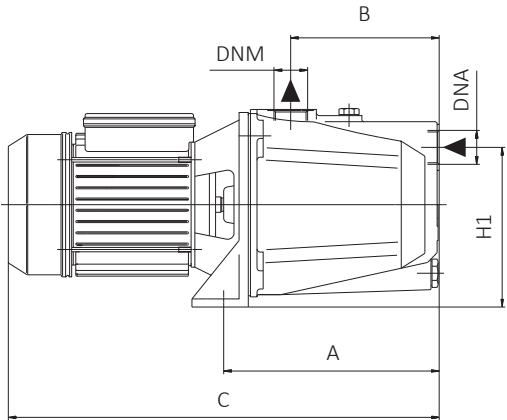
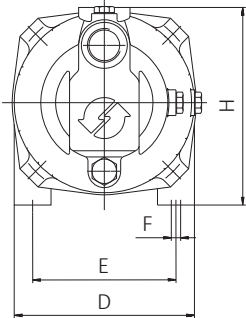
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

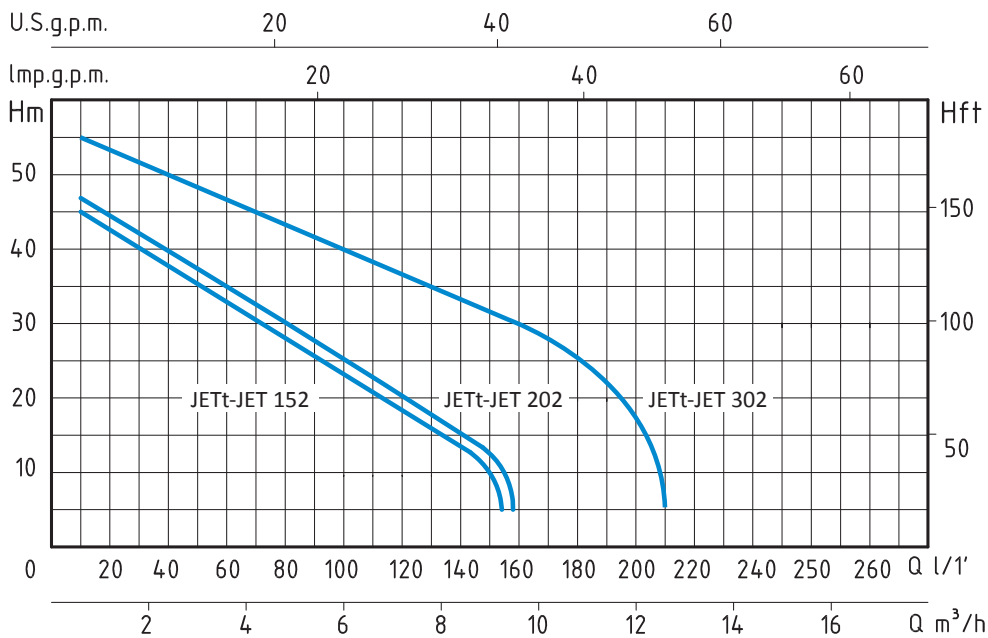
MATERIALS

- |                       |                          |
|-----------------------|--------------------------|
| - Pump body           | Cast Iron                |
| - Motor Support (100) | Cast Iron                |
| - Motor Support (130) | Aluminium                |
| - Impeller (100)      | Stainless Steel AISI 304 |
| - Impeller (130)      | Noryl                    |
| - Diffuser            | Noryl                    |
| - Shaft with rotor    | Stainless Steel AISI 304 |
| - Mechanical seal     | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |   |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | E   | F | H   | H1  | DNA | DNM | P                              | L   | H   | Kg             |
| JET 100                  | JETt 100               | 211                          | 145 | 421 | 176 | 140 | 9 | 194 | 156 | 1"  | 1"  | 197                            | 469 | 209 | 14,5           |
| JET 130                  | JETt 130               | 211                          | 145 | 421 | 176 | 140 | 9 | 194 | 156 | 1"  | 1"  | 197                            | 469 | 209 | 15,1           |

ELETTROPOMPE AUTOADESCANTI JET  
SELFPRIMING JET PUMPS



JET - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |     |     |     |
|--------------------------|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,8 | 5,4 | 6   | 7,2 | 9   | 9,6 | 12  |
|                          |                        | HP                                                                 | kW  | kW                                     |                          |                        | lt/1'                 | 10  | 20  | 30  | 45  | 60  | 80  | 90  | 100 | 120 | 150 | 160 | 200 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |     |     |     |     |
| JET 152                  | JETt 152               | 1,5                                                                | 1,1 | 1,5                                    | 7                        | 3                      | H<br>(m)              | 45  | 42  | 40  | 35  | 33  | 28  | 25  | 22  | 16  | 10  |     |     |
| JET 202                  | JETt 202               | 2                                                                  | 1,5 | 2                                      | 9                        | 4,2                    |                       | 47  | 46  | 43  | 39  | 35  | 32  | 29  | 27  | 20  | 13  |     |     |
| JET 302                  | JETt 302               | 3                                                                  | 2,2 | 2,8                                    | 13                       | 5,2                    |                       | 55  | 53  | 52  | 49  | 47  | 44  | 42  | 40  | 36  | 32  | 30  | 12  |



APPLICAZIONI

Elettropompe autoadescanti Jet garantiscono un’ottima resa idraulica e una notevole capacità di pressione. Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas. Adatte per il sollevamento e la distribuzione negli impianti domestici a mezzo di piccoli e medi serbatoi (autoclavi).

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d’aspirazione manometrica fino a 8 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Acciaio Inox AISI 304 |
| - Diffusore         | Noryl                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work perfectly even in so-da-water. Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.

OPERATING CONDITIONS

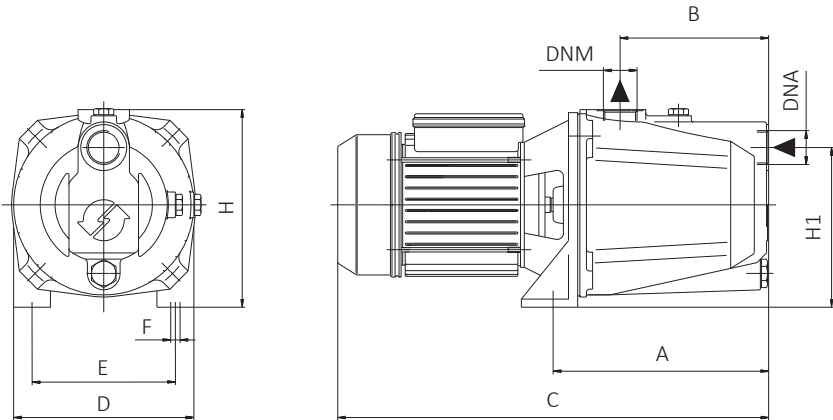
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

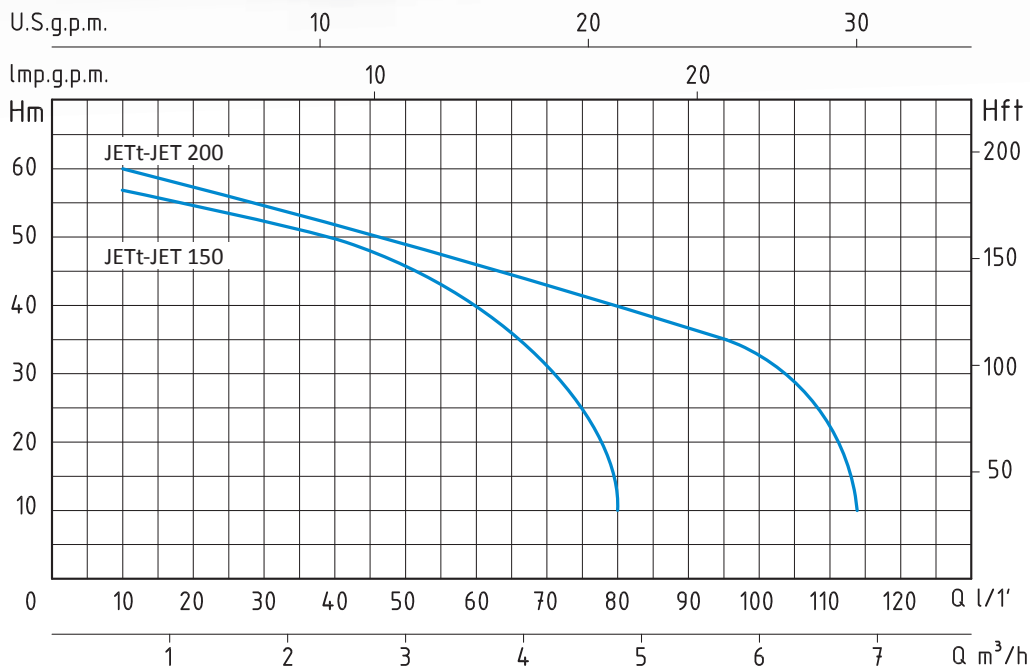
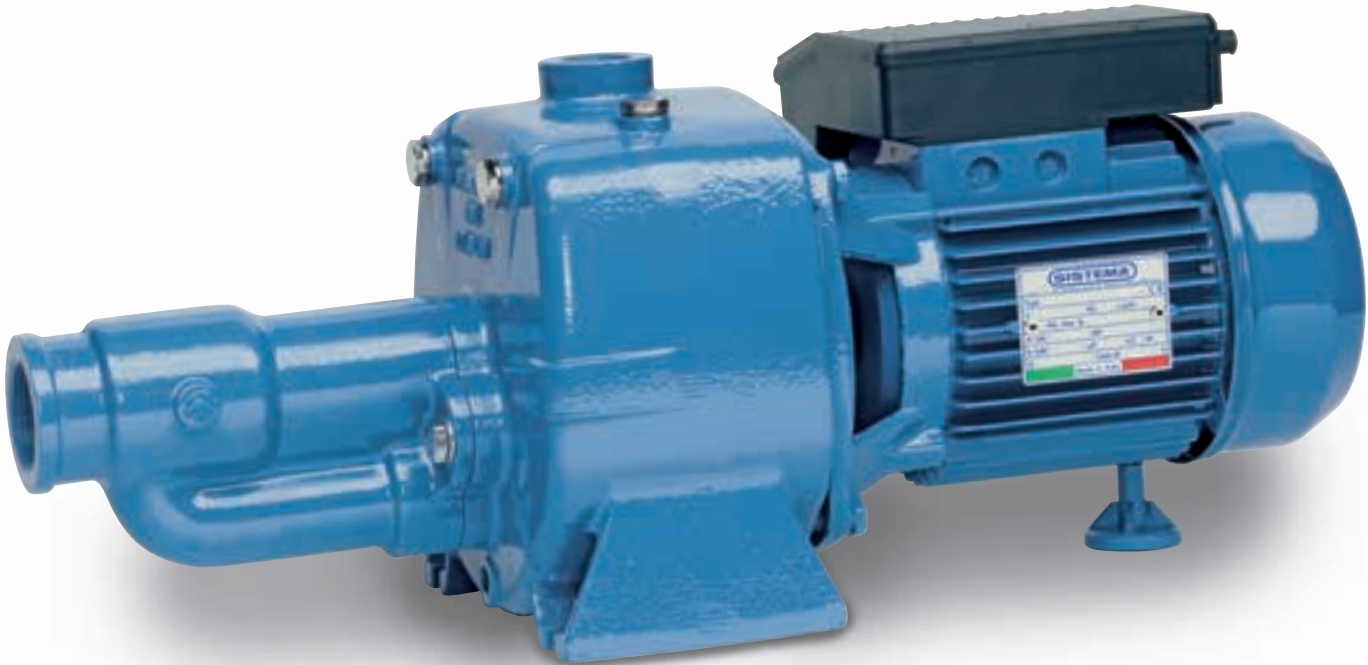
MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffuser         | Noryl                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |    |     |     |      |      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|----|-----|-----|------|------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | E   | F  | H   | H1  | DNA  | DNM  | P                              | L   | H   | Kg             |
| JET 152                  | JETt 152               | 284                          | 153 | 505 | 206 | 145 | 12 | 217 | 170 | 1" ¼ | 1"   | 234                            | 550 | 285 | 27,6           |
| JET 202                  | JETt 202               | 284                          | 153 | 505 | 206 | 145 | 12 | 217 | 170 | 1" ¼ | 1"   | 234                            | 550 | 285 | 28,6           |
| JET 302                  | JETt 302               | 290                          | 174 | 570 | 225 | 166 | 12 | 230 | 183 | 1" ½ | 1" ¼ | 245                            | 600 | 300 | 30             |

ELETTROPOMPE AUTOADESCANTI BIGIRANTI  
TWIN IMPELLER SELFPRIMING PUMPS



JET - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |    |     |     |     |     |     |
|--------------------------|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6 | 1,2 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 | 6   |
|                          |                        | HP                                                                 | kW  | kW                                     |                          |                        | lt/1'                 | 10  | 20  | 30  | 40  | 50 | 60  | 70  | 80  | 90  | 100 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                          |                        |                       |     |     |     |     |    |     |     |     |     |     |
| JET 150                  | JETt 150               | 1,5                                                                | 1,1 | 1,5                                    | 7                        | 3                      | H<br>(m)              | 58  | 55  | 52  | 49  | 45 | 40  | 30  | 10  |     |     |
| JET 200                  | JETt 200               | 2                                                                  | 1,5 | 2,5                                    | 12                       | 5                      |                       | 60  | 57  | 55  | 52  | 49 | 45  | 43  | 40  | 38  | 34  |

APPLICAZIONI

Elettropompe autoadescanti bigiranti con eiettore, indicate per aspirazioni fino a 9 mt.  
Smontando l'eiettore dal corpo pompa e collegandolo alla pompa tramite una doppia tubazione più una valvola di fondo permette un'aspirazione fino a 35 mt. in profondità.  
Adatte per usi civili e industriali, per il sollevamento di acqua pulita, di acqua miscelata a gas e liquidi chimicamente non aggressivi per i particolari della pompa.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 9 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Giranti           | Noryl                 |
| - Diffusore         | Noryl                 |
| - Eiettore          | Ghisa                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Selfpriming twin-impeller water pumps with ejector for suction up to 9 mt. A suction up to 35 mt. depth can be allowed by taking the ejector down and connecting it to the pump by means of a double hose and a foot valve.  
Suitable for civil and industrial purposes and to drain clean and soda water and non-aggressive liquids.

OPERATING CONDITIONS

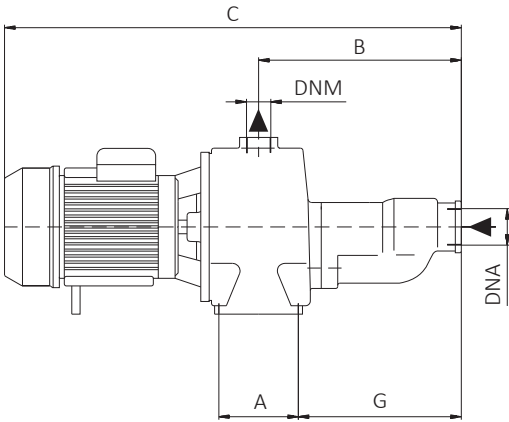
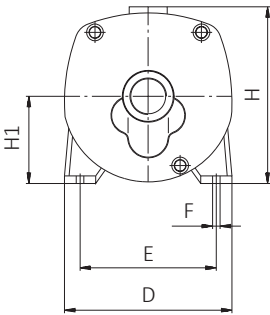
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 9 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impellers        | Noryl                    |
| - Diffuser         | Noryl                    |
| - Ejector          | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



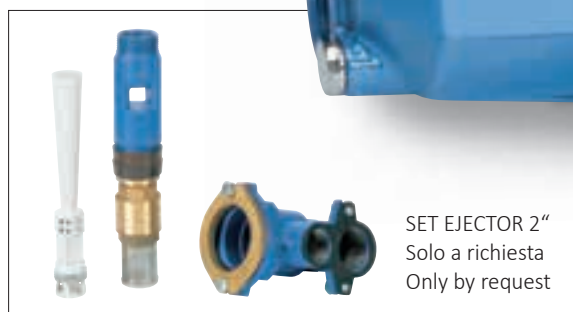
| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |    |     |     |     |      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|-----|-----|-----|-----|----|-----|-----|-----|------|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B   | C   | D   | E   | F  | G   | H   | H1  | DNA  | DNM | P                              | L   | H   | Kg             |
| JET 150                  | JETt 150               | 104                           | 265 | 605 | 220 | 172 | 10 | 212 | 240 | 115 | 1" ½ | 1"  | 234                            | 606 | 280 | 29,8           |
| JET 200                  | JETt 200               | 104                           | 265 | 605 | 220 | 172 | 10 | 212 | 240 | 115 | 1" ½ | 1"  | 234                            | 606 | 280 | 30,8           |

## ELETTROPOMPE AUTOADESCANTI PER ASPIRAZIONI PROFONDE

### SELFPRIMING PUMPS FOR DEEP SUCTION



GIRANTE- IMPELLER

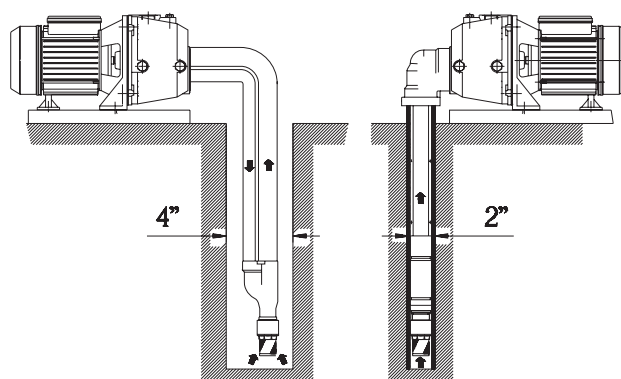


SET EJECTOR 2"  
Solo a richiesta  
Only by request



La pompa a eiettore separato è sostanzialmente una centrifuga, con la possibilità di diventare una pompa jet autoadescante a profonda aspirazione, con l'applicazione dell'eiettore, nel pozzo, sulla parte finale del tubo di aspirazione. Il ricircolo dell'acqua che attraversa il venturi attrae l'acqua sottostante e la spinge attraverso il tubo di ritorno (aspirazione) creando una pressione sufficiente per portarla in superficie. Per queste applicazioni a profonda aspirazione è necessario il collegamento di due tubi: la mandata verso l'eiettore e lo scarico di ritorno (aspirazione), in questo caso il diametro del pozzo deve essere almeno di 4". Nel caso si debba applicare la pompa in un pozzo da 2" è necessario un eiettore "Jector" a chiusura ermetica sul pozzo, che funziona con solo il tubo di ritorno (aspirazione) sfruttando lo spazio che rimane fra esso e il pozzo di 2" come secondo tubo di ricircolo.

The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by fitting the ejector in the well onto the end of the suction pipe. Recirculation of water passing through the Venturi attracts water from below and pushes it through the return (suction) pipe creating enough pressure to take it up to the surface. For these deep suction applications two pipes need to be connected: the delivery pipe to the ejector and the return (suction) outlet, in this case the diameter of the well must be at least 4". If the pump has to go in a 2" well, a special ejector with an airtight lock on the well is necessary. It works with just the return (suction) pipe by exploiting the space remaining between itself and the 2" well as a second recirculation pipe.



#### JET A - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        |                              | Q = PORTATA- CAPACITY                         |       |      |      |     |     |     |      |      |      |
|--------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|------------------------------|-----------------------------------------------|-------|------|------|-----|-----|-----|------|------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | Tipo<br>eiettores<br>Ejector | Profon.<br>aspiraz. m.<br>Suction<br>depth m. | m³/h  | 0,18 | 0,36 | 0,6 | 0,9 | 1,2 | 1,5  | 1,8  | 2,1  |
|                          |                        | HP                                                                 | kW   | kW                                     |                          |                        |                              |                                               | lt/1' | 3    | 6    | 10  | 15  | 20  | 25   | 30   | 35   |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                              |                                               |       |      |      |     |     |     |      |      |      |
| JET A 100                | JETt A 100             | 1                                                                  | 0,75 | 1,1                                    | 5                        | 2,5                    | P 20                         | H<br>(m)                                      | 15    | 41   | 37   | 34  | 30  | 27  | 22,5 | 20,5 | 16,5 |
|                          |                        |                                                                    |      |                                        |                          |                        |                              |                                               | 20    | 36   | 32   | 29  | 25  | 22  | 17,5 | 15,5 | 11,5 |
|                          |                        |                                                                    |      |                                        |                          |                        | P 30                         |                                               | 25    | 32   | 28   | 22  | 18  | 13  | 6,5  |      |      |
|                          |                        |                                                                    |      |                                        |                          |                        |                              |                                               | 30    | 27   | 23   | 17  | 13  | 8   |      |      |      |
|                          |                        |                                                                    |      |                                        |                          |                        |                              |                                               | 35    | 22   | 18   | 12  | 8   |     |      |      |      |

APPLICAZIONI

Elettropompe autoadescanti per aspirazioni profonde fino a 35 mt., utilizzate ogni qualvolta ci sono delle forti escursioni del livello dell'acqua. Adatte per l'approvvigionamento d'acqua con aspirazione da pozzi, per uso domestico a mezzo di piccoli e medi serbatoi (auto-clave). Prima dell'installazione controllare che i tubi, (ferro, plastica o gomma) siano internamente puliti in modo da non intasare l'ugello dell'eiettore. Al piede dell'eiettore deve essere montata una valvola di fondo o di ritegno. A montaggio ultimato riempire completamente tubi e corpo pompa con acqua pulita. Per mantenere un efficiente adescamento è necessario che nel circuito ci sia una certa pressione, per cui è consigliabile montare sulla mandata della pompa un serbatoio a membrana.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 35 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Giranti           | Noryl                 |
| - Diffusore         | Noryl                 |
| - Eiettore (P30)    | Ghisa                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Selfpriming water pumps for deep suction up to 35 mt. to be used in case of important water level gaps. Suitable to drain water from wells and in domestic fittings by small and medium sized tanks. Before installing the pump verify that all pipes (iron, plastic or rubber) are clean inside so to avoid any obstruction to the ejector nozzle. At the foot of the ejector must be installed a foot valve or a check valve. Installed the pump, fill completely both pipes and pump body with clean water. To preserve an efficient priming it is necessary a certain pressure in the circuit, therefore it is recommended to install a membrane tank at the delivery of the pump.

OPERATING CONDITIONS

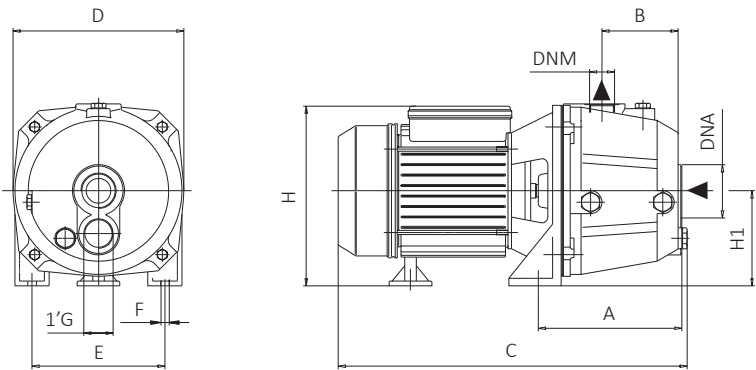
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 35 mt.
- Continuous duty

MOTOR

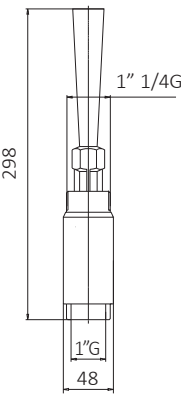
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

MATERIALS

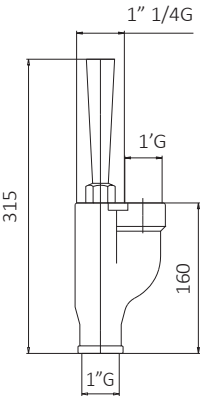
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impellers        | Noryl                    |
| - Diffuser         | Noryl                    |
| - Ejector (P30)    | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



EJECTOR 2"



EJECTOR 4"



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |   |     |    |      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|---|-----|----|------|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F | H   | H1 | DNA  | DNM | P                              | L   | H   | Kg             |
| JET A 100                | JETt A 100             | 168                          | 82 | 360 | 180 | 140 | 9 | 185 | 97 | 1" ¼ | 1"  | 206                            | 456 | 228 | 18,6           |



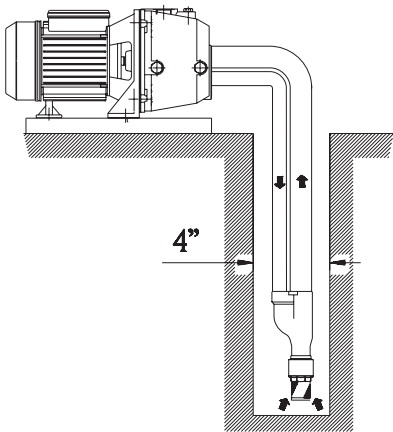


ELETTROPOMPE AUTOADESCANTI PER ASPIRAZIONI PROFONDE  
SELFPRIMING PUMPS FOR DEEP SUCTION



La pompa a eiettore separato è sostanzialmente una centrifuga, con la possibilità di diventare una pompa jet autoadescante a profonda aspirazione, con l'applicazione dell'eiettore, nel pozzo, sulla parte finale del tubo di aspirazione. Il ricircolo dell'acqua che attraversa il venturi attrae l'acqua sottostante e la spinge attraverso il tubo di ritorno (aspirazione) creando una pressione sufficiente per portarla in superficie. Per queste applicazioni a profonda aspirazione è necessario il collegamento di due tubi: la mandata verso l'eiettore e lo scarico di ritorno (aspirazione), in questo caso il diametro del pozzo deve essere almeno di 4".

The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by fitting the ejector in the well onto the end of the suction pipe. Recirculation of water passing through the Venturi attracts water from below and pushes it through the return (suction) pipe creating enough pressure to take it up to the surface. For these deep suction applications two pipes need to be connected: the delivery pipe to the ejector and the return (suction) outlet, in this case the diameter of the well must be at least 4".



JET A - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                       |                             |                                                   | Q = PORTATA- CAPACITY |      |      |     |     |      |      |      |     |
|--------------------------|---------------------------------------------------------------------|-----|----------------------------------------|------------------------------|-----------------------------|---------------------------------------------------|-----------------------|------|------|-----|-----|------|------|------|-----|
| Monofase<br>Single-phase | P2                                                                  |     | P1                                     | Monofase<br>Single-<br>phase | Tipo<br>eiettore<br>Ejector | Profon.<br>aspiraz. m.<br><br>Suction<br>depth m. | m³/h                  | 0,18 | 0,36 | 0,6 | 0,9 | 1,2  | 1,5  | 1,8  | 2,1 |
|                          | HP                                                                  | kW  | kW                                     |                              |                             |                                                   | lt/1'                 | 3    | 6    | 10  | 15  | 20   | 25   | 30   | 35  |
|                          | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                        |                              |                             |                                                   |                       |      |      |     |     |      |      |      |     |
| JET A 150                | 1,5                                                                 | 1,1 | 1,5                                    | 7                            | P 20                        | 15                                                | H<br>(m)              | 48   | 47   | 43  | 39  | 34,5 | 30,5 | 28,5 | 7,5 |
|                          |                                                                     |     |                                        |                              |                             | 20                                                |                       | 43   | 42   | 38  | 34  | 29,5 | 25,5 | 23,5 | 2,5 |
|                          |                                                                     |     |                                        |                              |                             | 25                                                |                       | 38   | 37   | 33  | 29  | 24,5 | 20,5 | 18,5 |     |
|                          |                                                                     |     |                                        |                              | P 30                        | 35                                                |                       | 61   | 57   | 51  | 43  | 36,5 | 14,5 |      |     |
|                          |                                                                     |     |                                        |                              |                             | 40                                                |                       | 56   | 52   | 46  | 38  | 31,5 | 9,5  |      |     |
|                          |                                                                     |     |                                        |                              |                             | 50                                                |                       | 46   | 42   | 36  | 28  | 21,5 |      |      |     |
| JET A 200                | 2                                                                   | 1,5 | 2                                      | 9,3                          | P 20                        | 15                                                |                       | 67   | 65   | 60  | 55  | 51,5 | 46,5 | 45,5 |     |
|                          |                                                                     |     |                                        |                              |                             | 20                                                |                       | 62   | 60   | 55  | 50  | 46,5 | 41,5 | 40,5 |     |
|                          |                                                                     |     |                                        |                              |                             | 25                                                |                       | 57   | 55   | 50  | 45  | 41,5 | 36,5 | 35,5 |     |
|                          |                                                                     |     |                                        |                              | P 30                        | 35                                                |                       | 68   | 62   | 57  | 49  | 43,5 | 14,5 |      |     |
|                          |                                                                     |     |                                        |                              |                             | 40                                                |                       | 63   | 57   | 52  | 44  | 38,5 | 9,5  |      |     |
|                          |                                                                     |     |                                        |                              |                             | 50                                                |                       | 53   | 47   | 42  | 34  | 28,5 |      |      |     |

## APPLICAZIONI

Elettropompe autoadescanti per aspirazioni profonde fino a 50 mt., utilizzate ogni qualvolta ci sono delle forti escursioni del livello dell'acqua. Adatte per l'approvvigionamento d'acqua con aspirazione da pozzi, per uso domestico a mezzo di piccoli e medi serbatoi (autoclave). Prima dell'installazione controllare che i tubi, (ferro, plastica o gomma) siano internamente puliti in modo da non intasare l'ugello dell'eiettore. Al piede dell'eiettore deve essere montata una valvola di fondo o di ritegno. A montaggio ultimato riempire completamente tubi e corpo pompa con acqua pulita. Per mantenere un efficiente adescamento è necessario che nel circuito ci sia una certa pressione, per cui è consigliabile montare sulla mandata della pompa un serbatoio a membrana.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 50 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa
- Supporto motore
- Giranti
- Diffusore
- Eiettore (P30)
- Albero motore
- Tenute meccaniche

Ghisa  
Ghisa  
Noryl  
Noryl  
Ghisa  
Acciaio Inox AISI 304  
Ceramica/Grafite/NBR

## APPLICATION

Selfpriming water pumps for deep suction up to 50 mt. to be used in case of important water level gaps. Suitable to drain water from wells and in domestic fittings by small and medium sized tanks. Before installing the pump verify that all pipes (iron, plastic or rubber) are clean inside so to avoid any obstruction to the ejector nozzle. At the foot of the ejector must be installed a foot valve or a check valve. Installed the pump, fill completely both pipes and pump body with clean water. To preserve an efficient priming it is necessary a certain pressure in the circuit, therefore it is recommended to install a membrane tank at the delivery of the pump..

## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 50 mt.
- Continuous duty

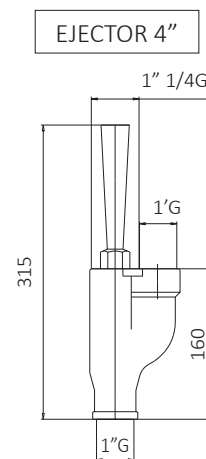
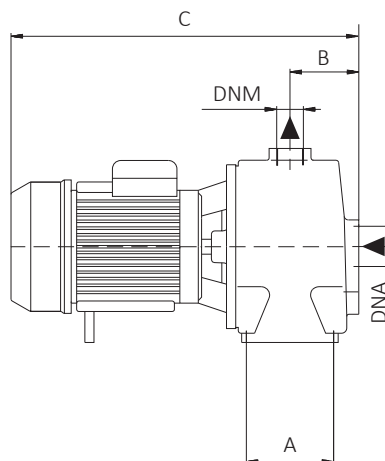
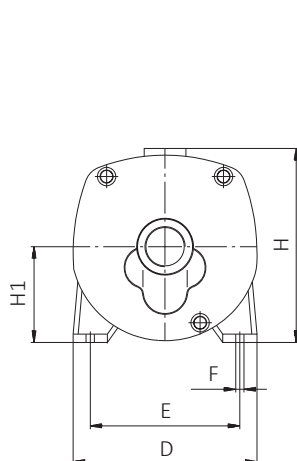
## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

## MATERIALS

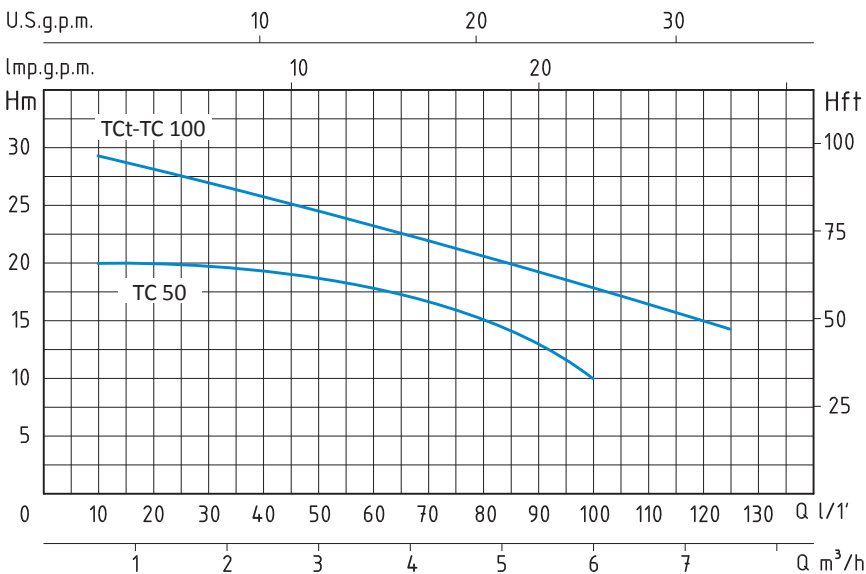
- Pump body
- Motor support
- Impellers
- Diffuser
- Ejector (P30)
- Shaft with rotor
- Mechanical seal

Cast Iron  
Cast Iron  
Noryl  
Noryl  
Cast Iron  
Stainless Steel AISI 304  
Ceramic/Graphite/NBR



| TIPO<br>TYPE             | DIMENSIONI mm - DIMENSIONS mm |    |     |     |     |    |     |     |        |     | DIMENSIONI<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |
|--------------------------|-------------------------------|----|-----|-----|-----|----|-----|-----|--------|-----|--------------------------------|----------------|-----|------|
| Monofase<br>Single-phase | A                             | B  | C   | D   | E   | F  | H   | H1  | DNA    | DNM | P                              | L              | H   | Kg   |
| JET A 150                | 104                           | 77 | 415 | 220 | 172 | 10 | 240 | 115 | 1" 1/4 | 1"  | 236                            | 500            | 275 | 27,9 |
| JET A 200                | 104                           | 77 | 415 | 220 | 172 | 10 | 240 | 115 | 1" 1/4 | 1"  | 236                            | 500            | 275 | 29,5 |

ELETTROPOMPE CENTRIFUGHE  
MONOGIRANTI  
  
SINGLE IMPELLER  
CENTRIFUGAL PUMPS



TC - 50 HZ - 1 PHASE / 3PHASE

| TIPO<br>TYPE             |                        | POTENZA NOMINALE<br>NOMINAL POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |     |     |     |     |     |     |     |
|--------------------------|------------------------|-----------------------------------|------|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 0,6 | 1,2 | 2,7 | 3,6 | 5,4 | 6   | 7,5 |
|                          |                        | HP                                | kW   | kW                                     |                          |                        | lt/1'                                                              | 10  | 20  | 45  | 60  | 90  | 100 | 125 |
|                          |                        |                                   |      |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |
| TC 50                    |                        | 0,5                               | 0,37 | 0,65                                   | 2,8                      |                        | H                                                                  | 20  | 18  | 17  | 16  | 12  | 10  |     |
| TC 100                   | TCT 100                | 1                                 | 0,75 | 1,2                                    | 5,5                      | 2,3                    | (m)                                                                | 29  | 28  | 26  | 23  | 20  | 18  | 14  |

APPLICAZIONI

Elettropompe centrifughe monogiranti adatte a coprire richieste di piccole, medie e grandi portate.  
Utilizzo in impianti domestici, agricoli e industriali, distribuzione automatica dell'acqua per mezzo di piccoli serbatoi (autoclave), per irrigazione a pioggia e a scorrimento in giardino e agricoltura, per aumentare, in derivazione la pressione di rete degli acquedotti.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60 335-2-41)
- Temperatura max. liquido: 60°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

MATERIALI

- Corpo pompa Ghisa
- Supporto motore Ghisa
- Girante Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Ceramica/Grafite/NBR

APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

OPERATING CONDITIONS

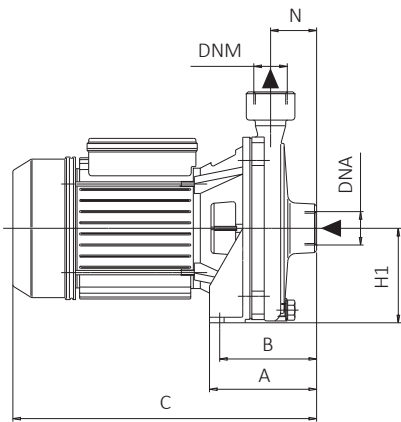
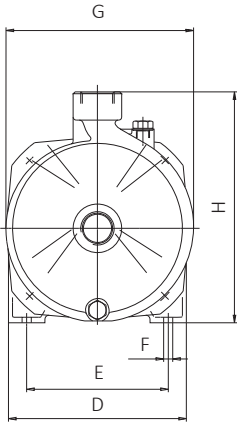
- Liquid temperature up to 35°C (for home use according to EN 60 335-2-41)
- Temperature max. liquid: 60°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

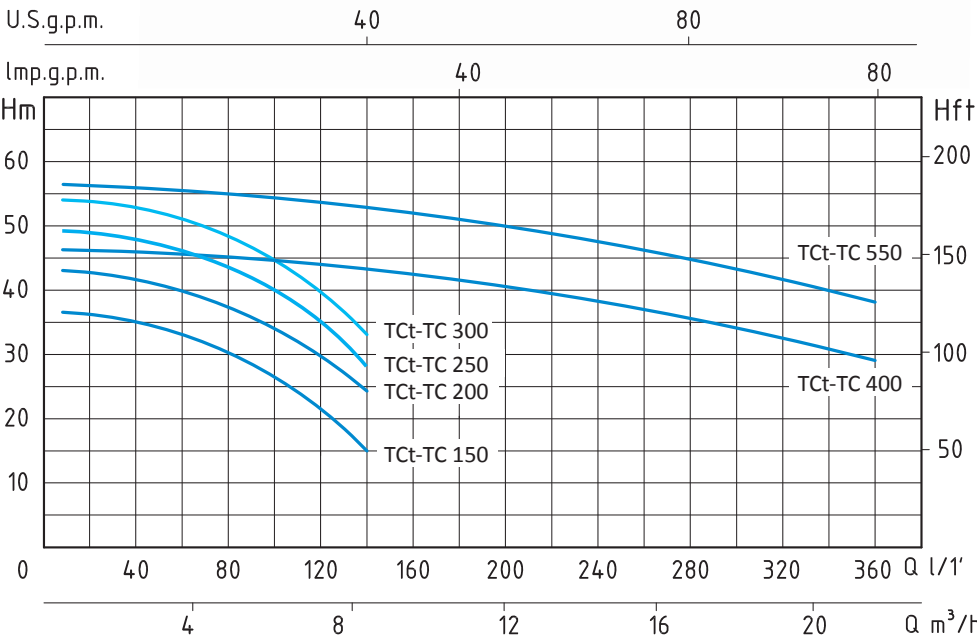
MATERIALS

- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Stainless Steel AISI 304
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal Ceramic/Graphite/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |   |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|---|-----|-----|----|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F | G   | H   | H1 | N  | DNA | DNM | P                              | L   | H   | Kg             |
| TC 50                    |                        | 100                          | 90 | 260 | 162 | 126 | 9 | 164 | 205 | 83 | 47 | 1"  | 1"  | 184                            | 300 | 232 | 9,4            |
| TC 100                   | TCt 100                | 108                          | 98 | 300 | 176 | 140 | 9 | 186 | 229 | 94 | 50 | 1"  | 1"  | 206                            | 348 | 257 | 14,8           |

ELETTROPOMPE CENTRIFUGHE  
MONOGIRANTI  
SINGLE IMPELLER  
CENTRIFUGAL PUMPS



| TC - 50 HZ - 1 PHASE / 3PHASE                                      |                        |                                         |      |                                        |                          |                        |                       |      |      |      |      |      |     |      |     |     |     |
|--------------------------------------------------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|------|------|-----|------|-----|-----|-----|
| TIPO<br>TYPE                                                       |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |      |      |     |      |     |     |     |
| Monofase<br>Single-phase                                           | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6  | 1,2  | 3,6  | 5,4  | 6    | 7,5 | 9    | 12  | 18  | 21  |
|                                                                    |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                 | 10   | 20   | 60   | 90   | 100  | 125 | 150  | 200 | 300 | 350 |
| Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                        |                                         |      |                                        |                          |                        |                       |      |      |      |      |      |     |      |     |     |     |
| TC 150                                                             | TCt 150                | 1,5                                     | 1,1  | 1,85                                   | 8,3                      | 4                      | H<br>(m)              | 36   | 35,5 | 33,5 | 28   | 26   | 19  |      |     |     |     |
| TC 200                                                             | TCt 200                | 2                                       | 1,5  | 2,4                                    | 10,7                     | 5                      |                       | 43   | 42   | 40,5 | 36,5 | 34   | 28  |      |     |     |     |
| TC 250                                                             | TCt 250                | 2,5                                     | 1,85 | 3,1                                    | 14                       | 5,2                    |                       | 49,5 | 48,5 | 46,5 | 45   | 43   | 36  | 27   |     |     |     |
| TC 300                                                             | TCt 300                | 3                                       | 2,2  | 3,3                                    | 15                       | 5,5                    |                       | 54   | 53   | 51   | 47   | 45   | 38  | 29   |     |     |     |
| TC 400                                                             | TCt 400                | 4                                       | 3    | 4,5                                    | 20                       | 7,3                    |                       | 46,5 | 46   | 45,3 | 44,7 | 44,5 | 44  | 43,5 | 42  | 35  |     |
| TC 550                                                             | TCt 550                | 5,5                                     | 4    | 5,7                                    | 28                       | 9                      |                       | 56   | 55,5 | 54,5 | 54   | 53,5 | 53  | 52   | 50  | 44  | 39  |

APPLICAZIONI

Elettropompe centrifughe monogiranti adatte a coprire richieste di piccole, medie e grandi portate.  
Utilizzo in impianti domestici agricoli e industriali, distribuzione automatica dell'acqua per mezzo di piccoli serbatoi (autoclave), per irrigazione a pioggia e a scorrimento in giardino e agricoltura, per aumentare, in derivazione la pressione di rete degli acquedotti.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60 335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ottone                |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

OPERATING CONDITIONS

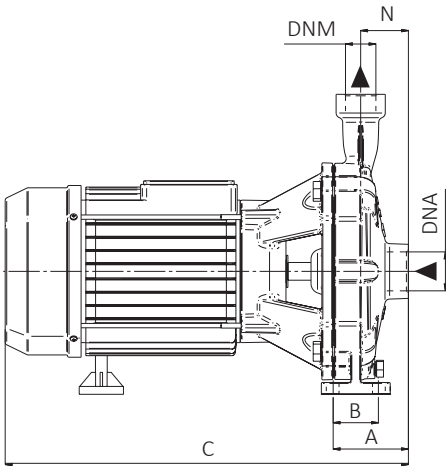
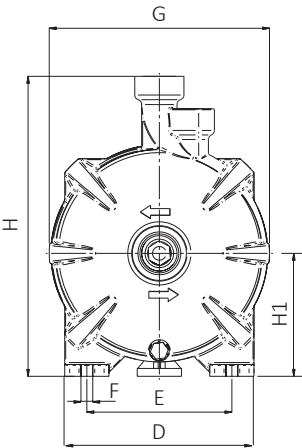
- Liquid temperature up to 35°C (for home use according to EN 60 335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

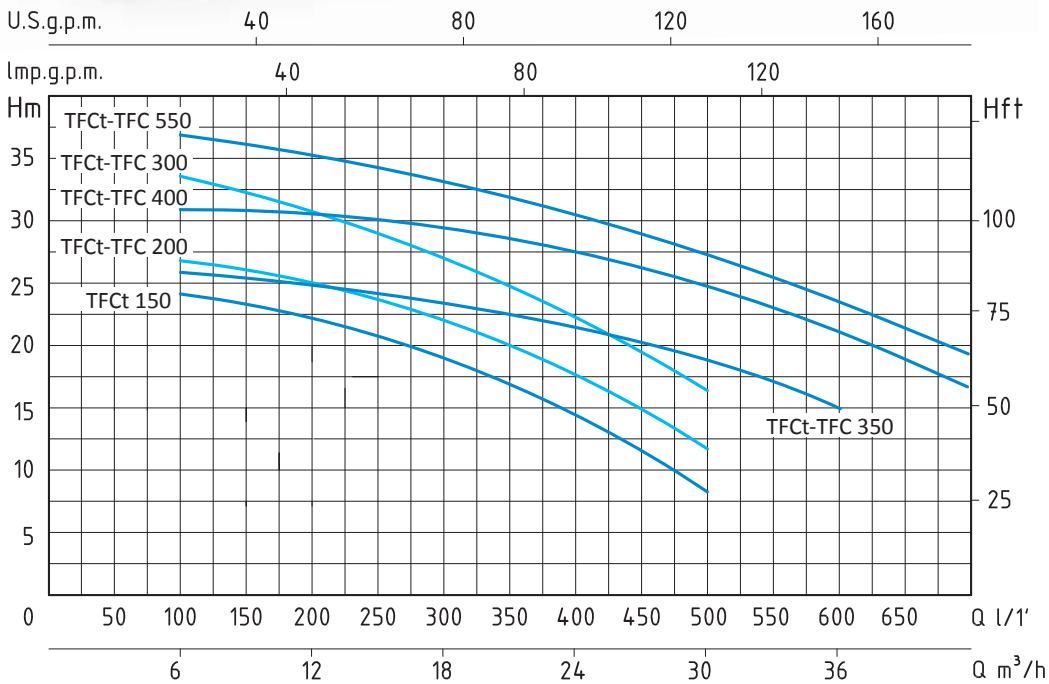
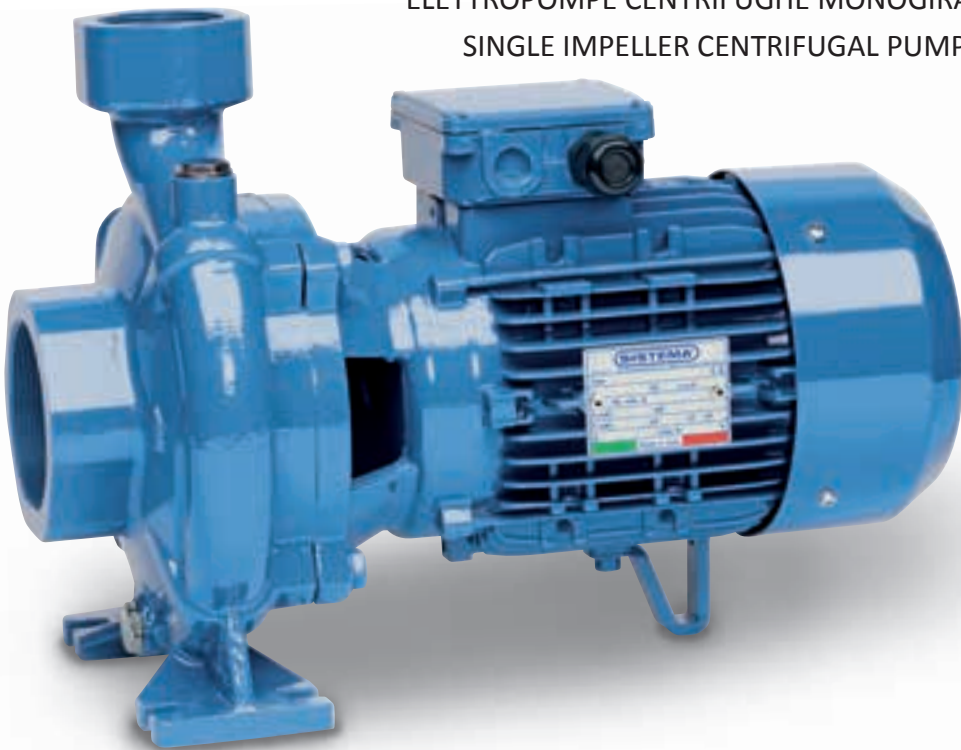
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |    |     |     |       |    |     |     |     |      |        |        | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|----|-----|-----|-------|----|-----|-----|-----|------|--------|--------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B  | C   | D   | E     | F  | G   | H   | H1  | N    | DNA    | DNM    | P                              | L   | H   | Kg             |
| TC 150                   | TCt 150                | 76,5                          | 45 | 355 | 220 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                            | 390 | 350 | 23,4           |
| TC 200                   | TCt 200                | 76,5                          | 45 | 355 | 224 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                            | 390 | 350 | 24,6           |
| TC 250                   | TCt 250                | 76,5                          | 45 | 410 | 224 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                            | 438 | 350 | 27,1           |
| TC 300                   | TCt 300                | 76,5                          | 45 | 410 | 220 | 147,5 | 12 | 224 | 305 | 125 | 48,5 | 1" 1/4 | 1"     | 252                            | 438 | 350 | 30,7           |
| TC 400                   | TCt 400                | 88,5                          | 60 | 485 | 245 | 190   | 14 | 256 | 323 | 132 | 58,5 | 2"     | 1" 1/4 | 269                            | 540 | 421 | 50,5           |
| TC 550                   | TCt 550                | 88,5                          | 60 | 475 | 245 | 190   | 14 | 256 | 323 | 132 | 58,5 | 2"     | 1" 1/4 | 269                            | 540 | 421 | 51,1           |



ELETTROPOMPE CENTRIFUGHE MONOGIRANTI GIRANTE IN GHISA  
SINGLE IMPELLER CENTRIFUGAL PUMPS CAST IRON IMPELLER



| TFC - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                    |     |                                        |                          |                        |                       |      |      |      |      |      |      |      |      |      |      |
|---------------------------------|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|
| TIPO<br>TYPE                    |                        | POTENZA<br>NOMINALE<br>NOMINAL POWER                               |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |
| Monofase<br>Single-phase        | Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 6    | 9    | 12   | 18   | 21   | 24   | 27   | 30   | 36   | 42   |
|                                 |                        | HP                                                                 | kW  | kW                                     |                          |                        | lt/1'                 | 100  | 150  | 200  | 300  | 350  | 400  | 450  | 500  | 600  | 700  |
|                                 |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                          |                        |                       |      |      |      |      |      |      |      |      |      |      |
|                                 | TFCt 150               | 1,5                                                                | 1,1 | 2,25                                   |                          | 4,3                    | H<br>(m)              | 24   | 23   | 21,5 | 18,5 | 16,5 | 14,5 | 11,5 | 8,5  |      |      |
| TFC 200                         | TFCt 200               | 2                                                                  | 1,5 | 2,7                                    | 12                       | 5,1                    |                       | 27   | 26   | 25   | 21   | 19   | 17   | 14,5 | 12   |      |      |
| TFC 300                         | TFCt 300               | 3                                                                  | 2,2 | 3,6                                    | 16                       | 5,9                    |                       | 33,5 | 32,5 | 30,5 | 27   | 25   | 22,5 | 19,5 | 16,5 |      |      |
| TFC 350                         | TFCt 350               | 3                                                                  | 2,2 | 3,6                                    | 16                       | 5,9                    |                       | 26   | 25,5 | 25   | 23,5 | 22,5 | 21,5 | 20,5 | 19   | 15   |      |
| TFC 400                         | TFCt 400               | 4                                                                  | 3   | 4,5                                    | 20                       | 7,3                    |                       | 31,5 | 31,2 | 31   | 29,5 | 28,5 | 27,5 | 26   | 24,5 | 20,5 | 16,5 |
| TFC 550                         | TFCt 550               | 5,5                                                                | 4   | 5,7                                    | 28                       | 9,3                    |                       | 37   | 36   | 35,5 | 33,5 | 32   | 30,5 | 29   | 27,5 | 24   | 19   |

APPLICAZIONI

Elettropompe centrifughe monoblocco con girante in ghisa. Queste macchine sono adatte per il pompaggio di acqua pulita e di altri liquidi chimicamente e meccanicamente non aggressivi. Adatte per le più svariate esigenze in campo civile, agricolo, industriale o impiantistico in generale.

Approvvigionamenti d'acqua, irrigazioni a pioggia o a scorrimento, alimentazioni autoclavi e sopraelevazioni di pressione e in qualsiasi altro impiego che comporta il travaso di liquidi puliti in genere.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ghisa                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Centrifugal monoblock with cast iron impeller. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. Used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, auto-clave feed, high pressure system and any other general service requiring transfer of clean liquids.

OPERATING CONDITIONS

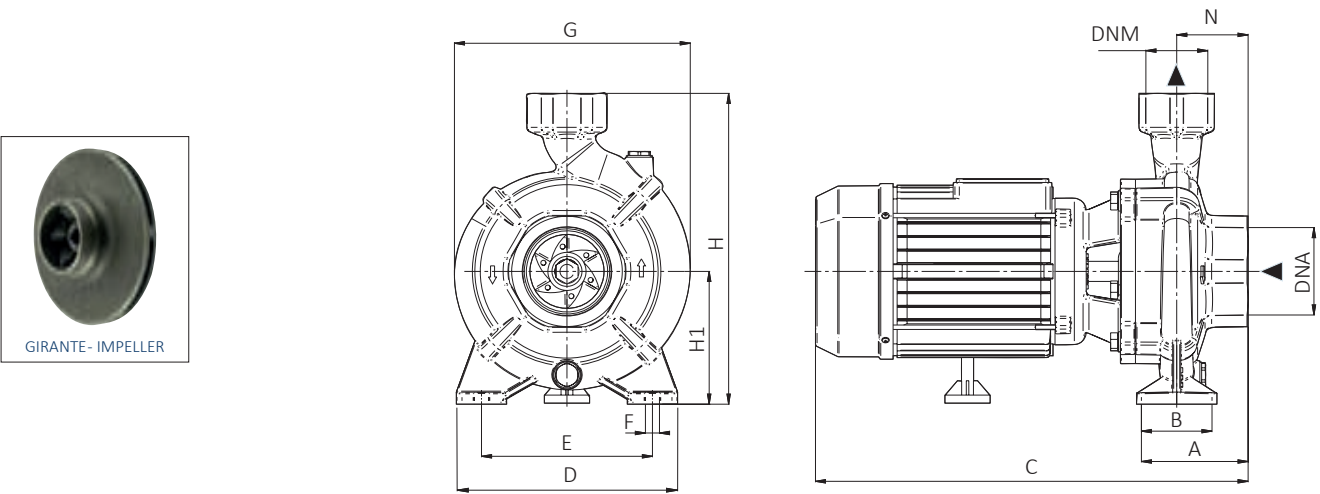
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

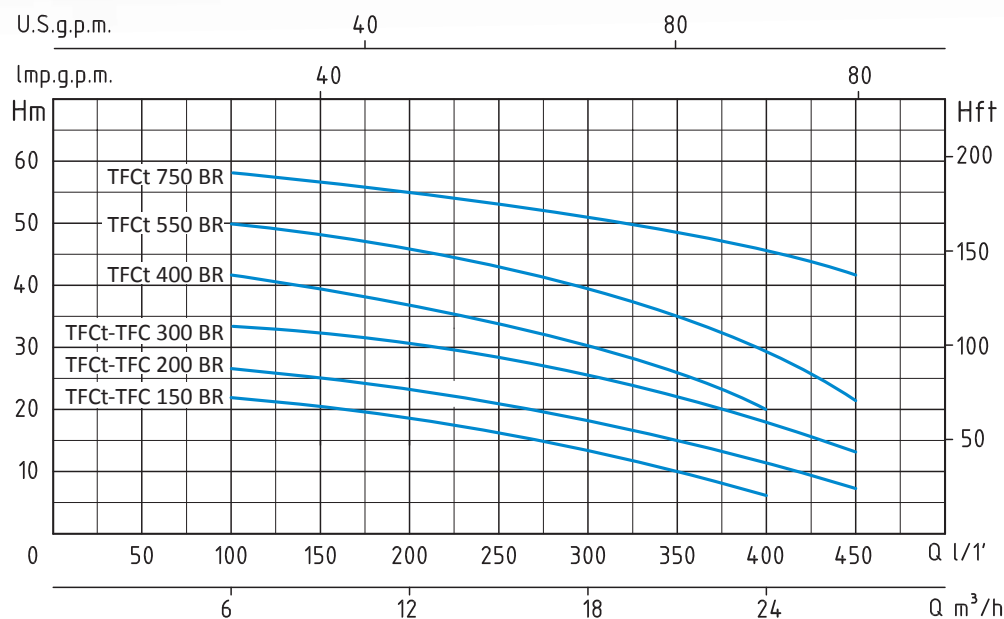
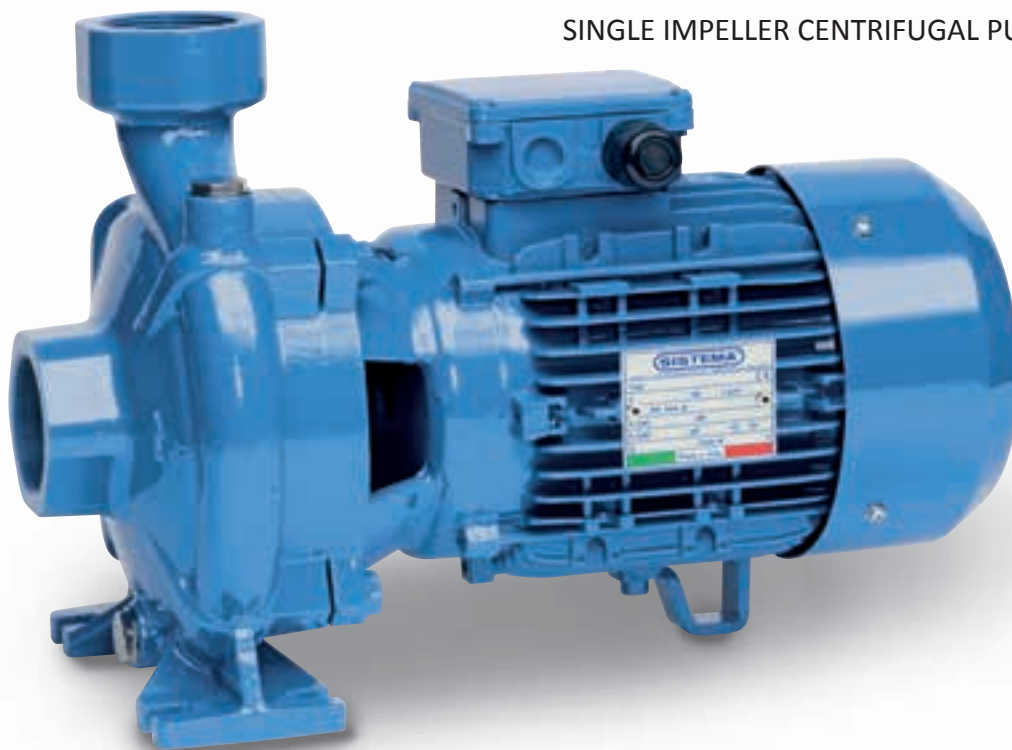
MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |       |     |     |      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-------|-----|-----|------|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G     | H   | H1  | N    | DNA | DNM | P                              | L   | H   | Kg             |
|                          | TFCt 150               | 96                           | 55 | 394 | 210 | 165 | 14 | 220   | 286 | 119 | 68,5 | 2"  | 2"  | 259                            | 507 | 345 | 23,7           |
|                          | TFC 200                | 96                           | 55 | 394 | 210 | 165 | 14 | 220   | 286 | 119 | 68,5 | 2"  | 2"  | 259                            | 507 | 345 | 27,6           |
|                          | TFC 300                | 96                           | 55 | 430 | 210 | 165 | 14 | 220   | 286 | 119 | 68,5 | 2"  | 2"  | 259                            | 507 | 345 | 30,7           |
|                          | TFC 350                | 98,5                         | 55 | 430 | 220 | 170 | 14 | 237,5 | 309 | 132 | 71   | 3"  | 2"  | 282                            | 490 | 365 | 31,6           |
|                          | TFC 400                | 98,5                         | 55 | 496 | 220 | 170 | 14 | 237,5 | 309 | 132 | 71   | 3"  | 2"  | 269                            | 540 | 421 | 43,3           |
|                          | TFC 550                | 98,5                         | 55 | 496 | 220 | 170 | 14 | 237,5 | 309 | 132 | 71   | 3"  | 2"  | 269                            | 540 | 421 | 46,6           |

ELETTROPOMPE CENTRIFUGHE MONOGIRANTI GIRANTE IN OTTONE  
SINGLE IMPELLER CENTRIFUGAL PUMPS BRASS IMPELLER



TFC/BR - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |      |     |      |      |     |     |     |      |     |
|--------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|------|-----|------|------|-----|-----|-----|------|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 6    | 7,5 | 9    | 12   | 15  | 18  | 21  | 24   | 27  |
|                          |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                                                              | 100  | 125 | 150  | 200  | 250 | 300 | 350 | 400  | 450 |
|                          |                        |                                         |     |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |     |      |      |     |     |     |      |     |
| TFC 150 BR               | TFcT 150 BR            | 1,5                                     | 1,1 | 1,75                                   | 8                        | 4                      | H<br>(m)                                                           | 22   | 21  | 20   | 18   | 16  | 13  | 10  | 6    |     |
| TFC 200 BR               | TFcT 200 BR            | 2                                       | 1,5 | 2,3                                    | 10,5                     | 4,9                    |                                                                    | 27   | 26  | 25   | 23   | 21  | 18  | 15  | 11,5 | 8   |
| TFC 300 BR               | TFcT 300 BR            | 3                                       | 2,2 | 3                                      | 13,5                     | 5,2                    |                                                                    | 33,5 | 33  | 32,5 | 30,5 | 28  | 25  | 22  | 19   | 14  |
|                          | TFcT 400 BR            | 4                                       | 3   | 4,5                                    |                          | 7,3                    |                                                                    | 42   | 41  | 40   | 37   | 34  | 31  | 27  | 20   |     |
|                          | TFcT 550 BR            | 5,5                                     | 4   | 5,7                                    |                          | 9                      |                                                                    | 50   | 49  | 48   | 46   | 43  | 39  | 35  | 31   | 22  |
|                          | TFcT 750 BR            | 7,5                                     | 5,5 | 6,8                                    |                          | 11,5                   |                                                                    | 57,5 | 57  | 56   | 55   | 53  | 51  | 49  | 46   | 42  |

APPLICAZIONI

Elettropompe centrifughe monoblocco con girante ottone. Queste macchine sono adatte per il pompaggio di acqua pulita e di altri liquidi chimicamente e meccanicamente non aggressivi. Adatte per le più svariate esigenze in campo civile, agricolo, industriale o impiantistico in generale.

Approvvigionamenti d'acqua, irrigazioni a pioggia o a scorrimento, alimentazioni autoclavi e sopraelevazioni di pressione e in qualsiasi altro impiego che comporta il travaso di liquidi puliti in genere.

LIMITI D'IMPIEGO

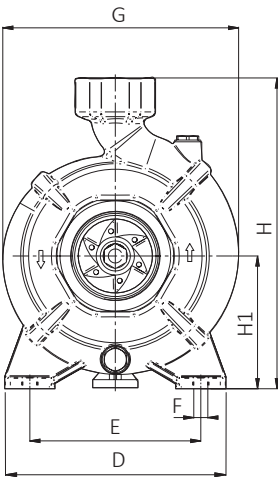
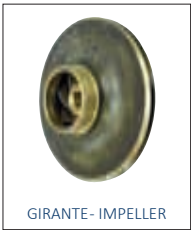
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ottone                |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |



APPLICATION

Centrifugal monoblock with brass impeller. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. Used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, auto-clave feed, high pressure system and any other general service requiring transfer of clean liquids.

OPERATING CONDITIONS

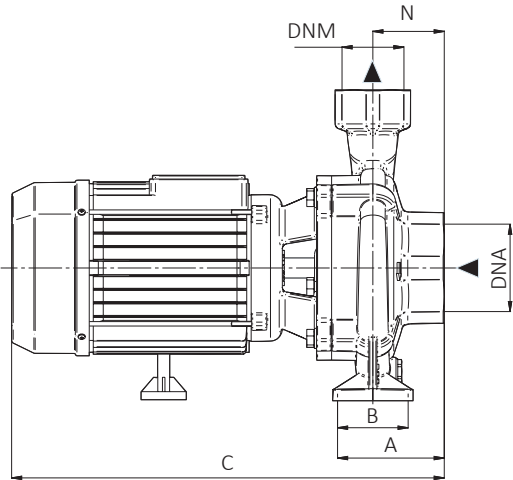
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

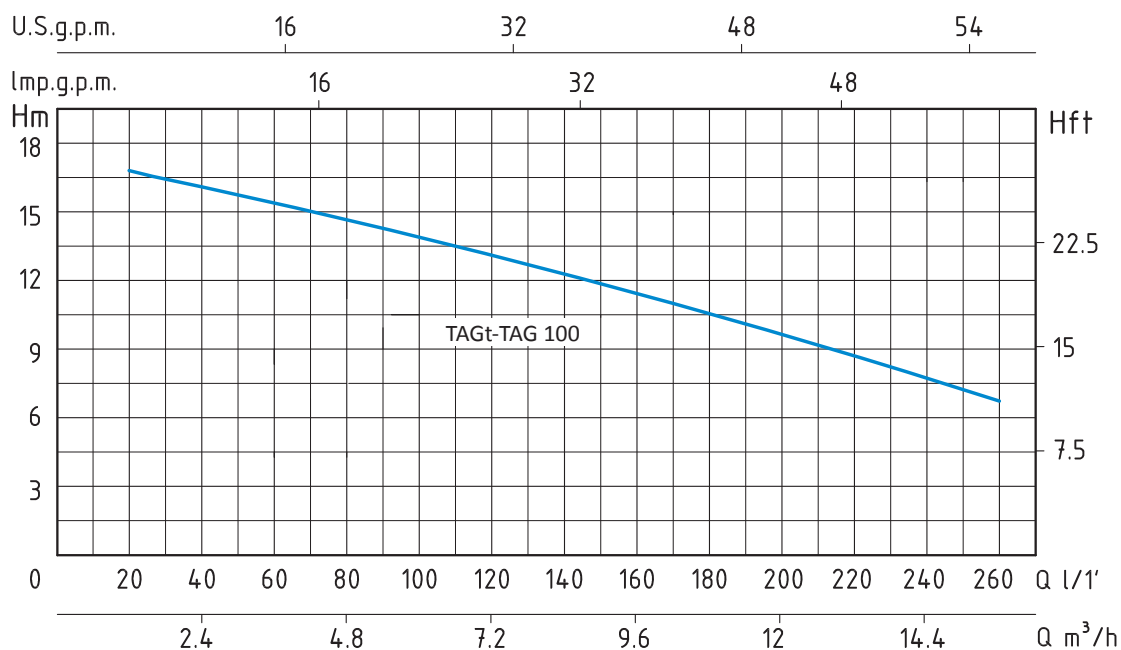


| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | N  | DNA | DNM | P                              | L   | H   | Kg             |
| TFC 150 BR               | TFCT 150 BR            | 96                           | 55 | 394 | 210 | 165 | 14 | 220 | 286 | 119 | 68 | 2"  | 2"  | 260                            | 507 | 345 | 24,9           |
| TFC 200 BR               | TFCT 200 BR            | 96                           | 55 | 394 | 210 | 165 | 14 | 220 | 286 | 119 | 68 | 2"  | 2"  | 260                            | 507 | 345 | 27,5           |
| TFC 300 BR               | TFCT 300 BR            | 96                           | 55 | 430 | 210 | 165 | 14 | 220 | 286 | 119 | 68 | 2"  | 2"  | 260                            | 507 | 345 | 31,1           |
|                          | TFCT 400 BR            | 90                           | 60 | 465 | 245 | 190 | 14 | 255 | 325 | 135 | 62 | 2"  | 2"  | 260                            | 530 | 364 | 41,5           |
|                          | TFCT 550 BR            | 90                           | 60 | 500 | 245 | 190 | 14 | 255 | 365 | 135 | 62 | 2"  | 2"  | 260                            | 530 | 364 | 51,8           |
|                          | TFCT 750 BR            | 94                           | 60 | 540 | 245 | 190 | 14 | 268 | 365 | 162 | 65 | 2"  | 2"  | 305                            | 675 | 435 | 61             |



## ELETTROPOMPE CENTRIFUGHE GIRANTE APERTA

## OPEN IMPELLER CENTRIFUGAL PUMPS



### TAG - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |     |      |      |      |     |      |      |      |      |
|--------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|------|-----|------|------|------|-----|------|------|------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 1,2  | 2,4 | 3,6  | 4,8  | 6    | 7,2 | 8,4  | 10,2 | 13,2 | 15,6 |
|                          |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 20   | 40  | 60   | 80   | 100  | 120 | 140  | 180  | 220  | 260  |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |      |     |      |      |      |     |      |      |      |      |
| TAG 100                  | TAGt 100               | 1                                                                  | 0,75 | 1                                      | 4,5                      | 1,7                    | H (m)                 | 16,6 | 16  | 15,2 | 14,8 | 13,7 | 13  | 12,2 | 10,5 | 8,8  | 7    |

APPLICAZIONI

Elettropompe centrifughe girante aperta a bassa prevalenza con alti valori di portata.  
Adatte per pompare acque pulite o liquidi moderatamente carichi di impurità, purchè non aggressivi per i materiali costruttivi della pompa.  
Adatte negli impianti di irrigazione, nel giardino, in agricoltura e negli impianti industriali.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ottone                |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Open impeller centrifugal pumps for flow irrigation systems with high flow rates.  
Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.  
To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.

OPERATING CONDITIONS

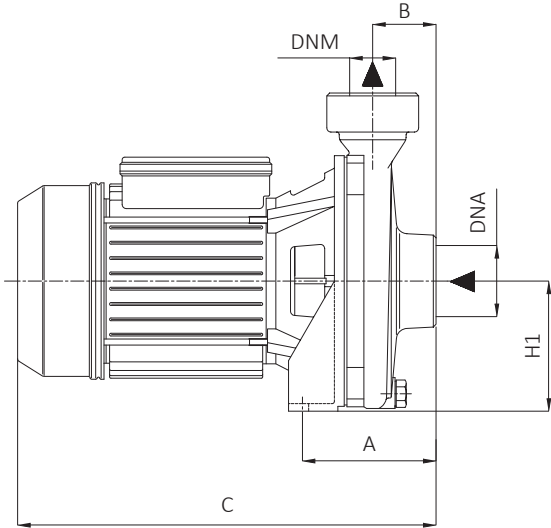
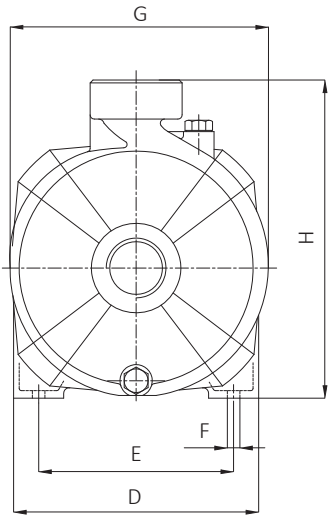
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

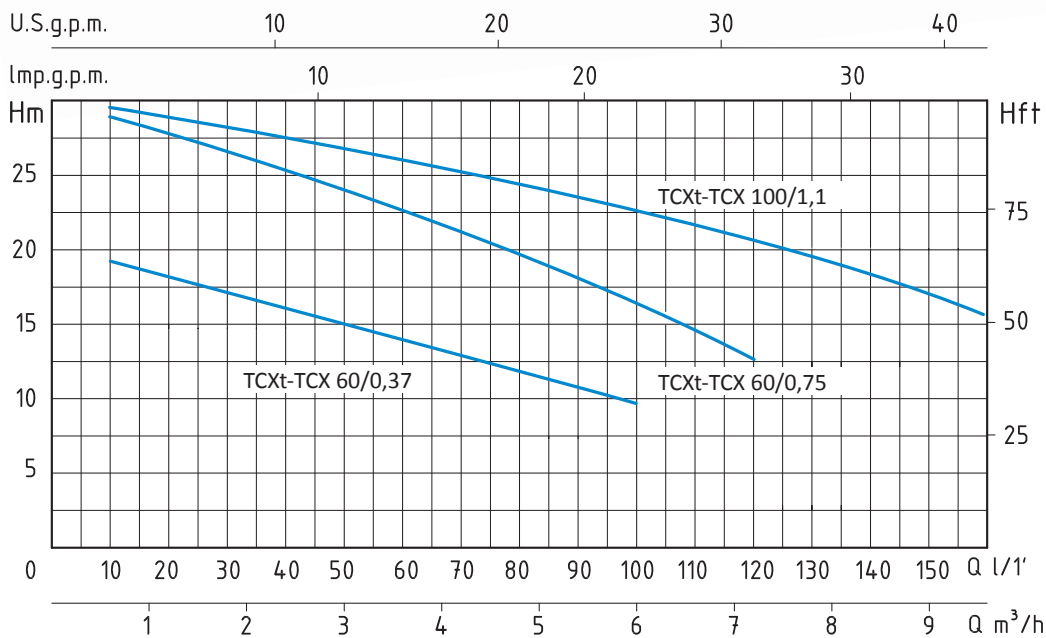


| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |    |        |        | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|----|--------|--------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1 | DNA    | DNM    | P                              | L   | H   | Kg             |
| TAG 100                  | TAGt 100               | 128                          | 44 | 311 | 182 | 144 | 10 | 182 | 232 | 94 | 1" 1/2 | 1" 1/2 | 206                            | 348 | 257 | 14,5           |





ELETTROPOMPE  
CENTRIFUGHE  
MONOGIRANTI INOX  
  
STAINLESS STEEL  
SINGLE IMPELLER  
CENTRIFUGAL PUMPS



TCX - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |      |      |     |      |      |     |      |      |     |     |  |  |  |  |
|--------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|------|------|-----|------|------|-----|------|------|-----|-----|--|--|--|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 0,6  | 1,2  | 2,4 | 3,6  | 4,8  | 6   | 7,2  | 8,4  | 9,6 | 12  |  |  |  |  |
|                          |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                                                              | 10   | 20   | 40  | 60   | 80   | 100 | 120  | 140  | 160 | 200 |  |  |  |  |
|                          |                        |                                         |      |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |      |     |      |      |     |      |      |     |     |  |  |  |  |
|                          |                        |                                         |      |                                        |                          |                        |                                                                    |      |      |     |      |      |     |      |      |     |     |  |  |  |  |
| TCX 60/0,37              | TCXt 60/0,37           | 0,5                                     | 0,37 | 0,6                                    | 2,7                      | 1,8                    | H<br>(m)                                                           | 18   | 17,5 | 17  | 14,5 | 12   | 9,5 |      |      |     |     |  |  |  |  |
| TCX 60/0,75              | TCXt 60/0,75           | 1                                       | 0,75 | 1,1                                    | 5,1                      | 2                      |                                                                    | 29   | 28   | 26  | 23,5 | 20,5 | 17  | 12,5 |      |     |     |  |  |  |  |
| TCX 100/1,1              | TCXt 100/1,1           | 1,5                                     | 1,1  | 1,5                                    | 6,7                      | 3,3                    |                                                                    | 29,5 | 29   | 28  | 27   | 25   | 23  | 21   | 18,5 | 16  | 9   |  |  |  |  |

## APPLICAZIONI

Elettropompe centrifughe monogiranti adatte a coprire richieste di piccole, medie e grandi portate.

Utilizzo in impianti domestici, agricoli e industriali, distribuzione automatica dell'acqua per mezzo di piccoli serbatoi (autoclave), per irrigazione a pioggia e a scorrimento in giardino e agricoltura, per aumentare, in derivazione la pressione di rete degli acquedotti.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44 (60)
- Protezione IP 55

## MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Supporto motore: Alluminio
- Girante: Acciaio Inox AISI 304
- Albero motore: Acciaio Inox AISI 304
- Tenute meccaniche: Silicio/Grafite/EPDM

## APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

## OPERATING CONDITIONS

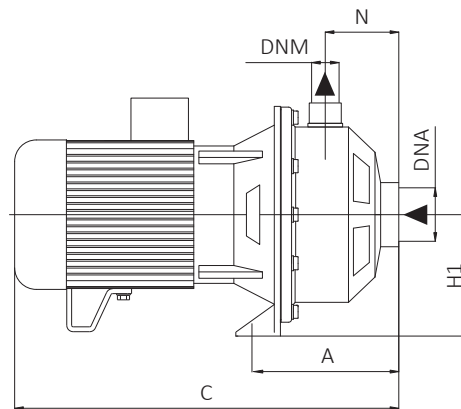
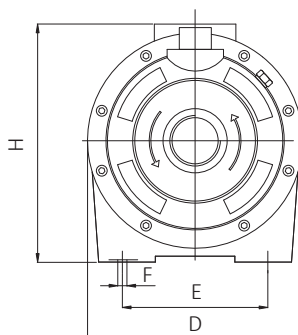
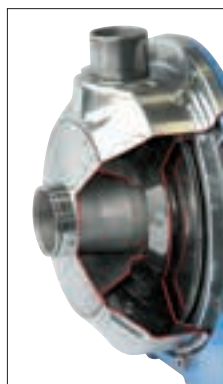
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protezione IP 44 (60)
- Protection IP 55

## MATERIALS

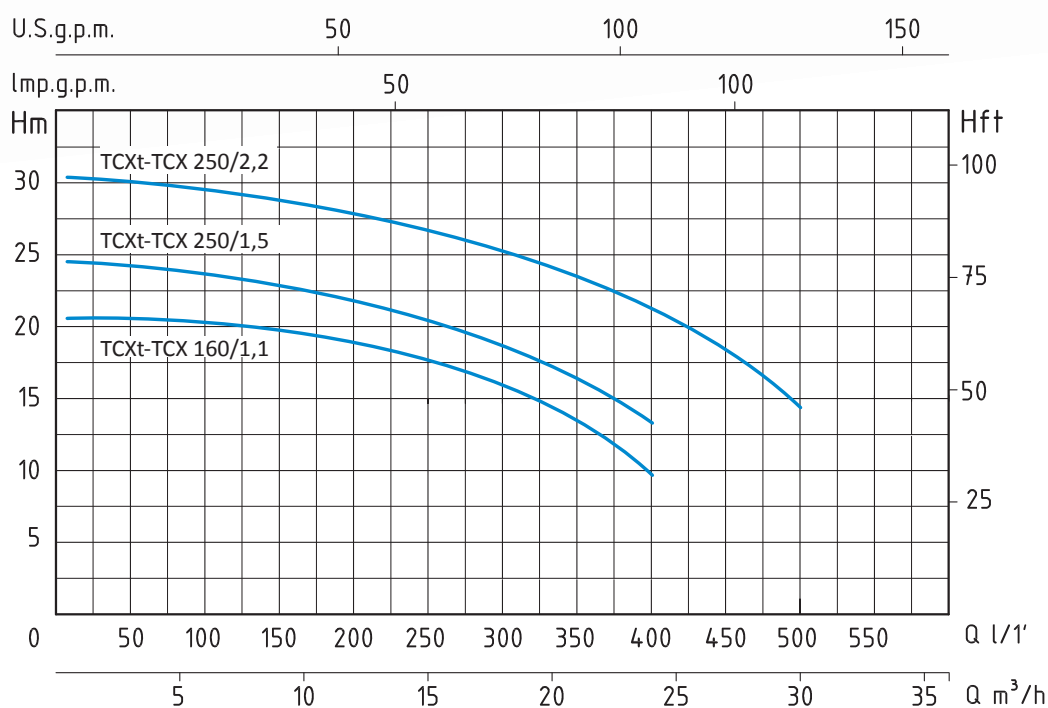
- Pump body: Stainless Steel AISI 304
- Motor Support: Aluminium
- Impeller: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Silicon/Graphite/EPDM



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |    |     |     |    |        |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|----|-----|-----|----|--------|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | C   | D   | E   | F  | H   | H1  | N  | DNA    | DNM | P                              | L   | H   | Kg             |
| TCX 60/0,37              | TCXt 60/0,37           | 131                          | 333 | 216 | 173 | 11 | 227 | 111 | 54 | 1" 1/4 | 1"  | 237                            | 387 | 344 | 10             |
| TCX 60/0,75              | TCXt 60/0,75           | 131                          | 333 | 216 | 173 | 11 | 227 | 111 | 54 | 1" 1/4 | 1"  | 237                            | 387 | 344 | 14             |
| TCX 100/1,1              | TCXt 100/1,1           | 131                          | 360 | 216 | 173 | 11 | 238 | 111 | 54 | 1" 1/4 | 1"  | 237                            | 387 | 344 | 16             |

ELETTROPOMPE  
CENTRIFUGHE  
MONOGIRANTI INOX

STAINLESS STEEL  
SINGLE IMPELLER  
CENTRIFUGAL PUMPS



**TCX - 50 HZ - 1 PHASE / 3 PHASE**

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |      |      |      |      |      |      |      |     |      |     |
|--------------------------|------------------------|--------------------------------------|-----|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|------|------|------|------|------|------|------|-----|------|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                   |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 0,6  | 2,4  | 4,8  | 7,2  | 9,6  | 12   | 18   | 24  | 30   | 33  |
|                          |                        | HP                                   | kW  | kW                                     |                          |                        | lt/1'                                                              | 10   | 40   | 80   | 120  | 160  | 200  | 300  | 400 | 500  | 550 |
|                          |                        |                                      |     |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |      |      |      |      |      |      |     |      |     |
| TCX 160/1,1              | TCXt 160/1,1           | 1,5                                  | 1,1 | 1,8                                    | 8,2                      | 3,7                    | H<br>(m)                                                           | 20,6 | 20,4 | 20,2 | 19,8 | 19   | 18   | 14,5 | 9,5 |      |     |
| TCX 250/1,5              | TCXt 250/1,5           | 2                                    | 1,5 | 2,35                                   | 10,8                     | 4,6                    |                                                                    | 24,7 | 24,4 | 24   | 23,5 | 22,5 | 21,5 | 18   | 13  |      |     |
| TCX 250/2,2              | TCXt 250/2,2           | 3                                    | 2,2 | 3,4                                    | 15,3                     | 5,6                    |                                                                    | 30,7 | 30,4 | 30   | 29,5 | 29   | 28   | 25,5 | 21  | 14,5 |     |

## APPLICAZIONI

Elettropompe centrifughe monogiranti adatte a coprire richieste di piccole, medie e grandi portate.

Utilizzo in impianti domestici, agricoli e industriali, distribuzione automatica dell'acqua per mezzo di piccoli serbatoi (autoclave), per irrigazione a pioggia e a scorrimento in giardino e agricoltura, per aumentare, in derivazione la pressione di rete degli acquedotti.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41), Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Supporto motore: Alluminio
- Girante: Acciaio Inox AISI 304
- Albero motore: Acciaio Inox AISI 304
- Tenute meccaniche: Silicio/Grafite/EPDM

## APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

## OPERATING CONDITIONS

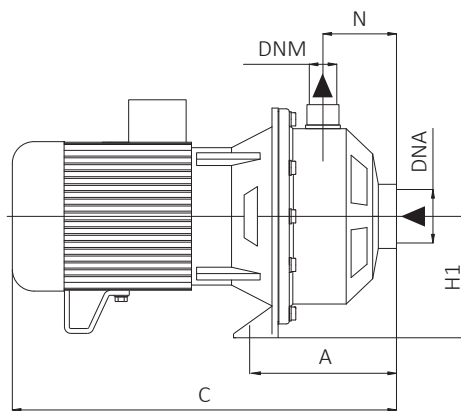
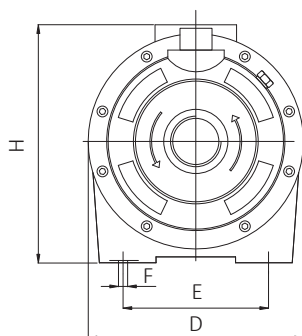
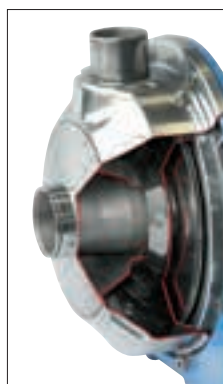
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41), Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

## MATERIALS

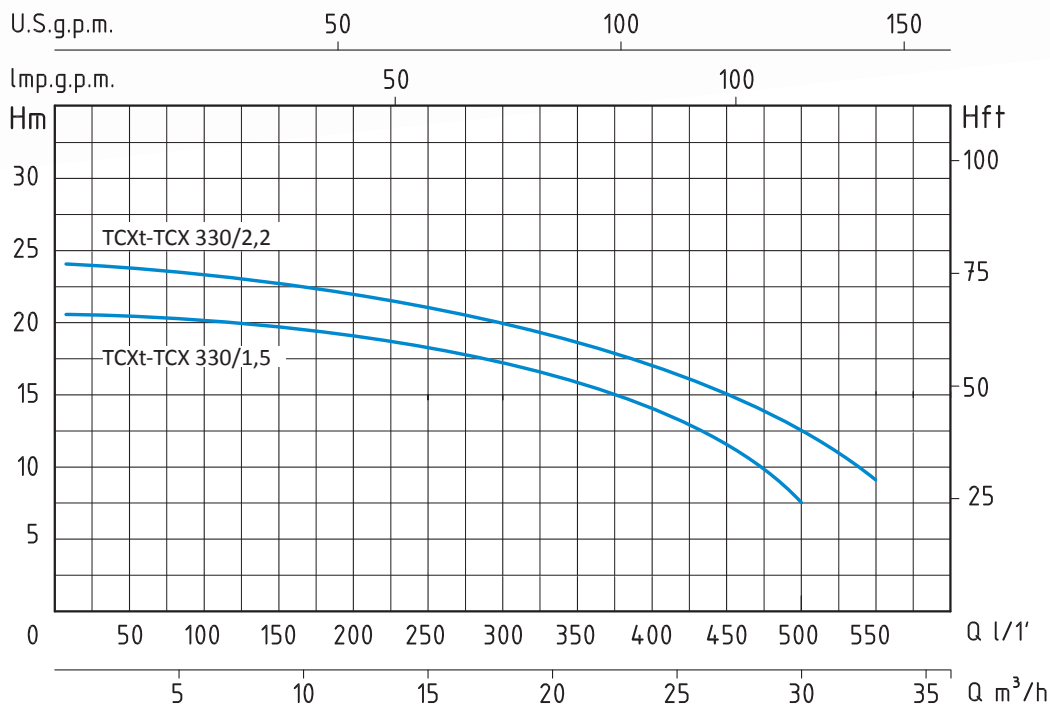
- Pump body: Stainless Steel AISI 304
- Motor Support: Aluminium
- Impeller: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Silicon/Graphite/EPDM



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |    |     |     |    |        |        | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|----|-----|-----|----|--------|--------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | C   | D   | E   | F  | H   | H1  | N  | DNA    | DNM    | P                              | L   | H   | Kg             |
| TCX 160/1,1              | TCXt 160/1,1           | 143                          | 371 | 216 | 173 | 11 | 238 | 111 | 54 | 1" 1/2 | 1" 1/4 | 227                            | 487 | 274 | 16             |
| TCX 250/1,5              | TCXt 250/1,5           | 143                          | 371 | 216 | 173 | 11 | 238 | 111 | 54 | 1" 1/2 | 1" 1/4 | 227                            | 487 | 274 | 20             |
| TCX 250/2,2              | TCXt 250/2,2           | 143                          | 418 | 216 | 173 | 11 | 245 | 111 | 54 | 1" 1/2 | 1" 1/4 | 227                            | 487 | 274 | 23             |

ELETTROPOMPE CENTRIFUGHE  
MONOGIRANTI INOX

STAINLESS STEEL  
SINGLE IMPELLER  
CENTRIFUGAL PUMPS



TCX - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL POWER                               |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |     |     |     |
|--------------------------|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6  | 2,4  | 4,8  | 7,2  | 9,6  | 12   | 18   | 24  | 30  | 33  |
|                          |                        | HP                                                                 | kW  | kW                                     |                          |                        | lt/1'                 | 10   | 40   | 80   | 120  | 160  | 200  | 300  | 400 | 500 | 550 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                          |                        |                       |      |      |      |      |      |      |      |     |     |     |
| TCX 330/1,5              | TCXt 330/1,5           | 2                                                                  | 1,5 | 2,35                                   | 10,8                     | 4,6                    | H<br>(m)              | 20,9 | 20,5 | 20,2 | 19,8 | 19,4 | 18,5 | 16   | 12  | 7,5 |     |
| TCX 330/2,2              | TCXt 330/2,2           | 3                                                                  | 2,2 | 3                                      | 13,2                     | 5                      |                       | 23,9 | 23,5 | 23,2 | 22,8 | 22,4 | 22   | 19,5 | 16  | 11  | 8,5 |



## APPLICAZIONI

Elettropompe centrifughe monogiranti adatte a coprire richieste di piccole, medie e grandi portate.

Utilizzo in impianti domestici, agricoli e industriali, distribuzione automatica dell'acqua per mezzo di piccoli serbatoi (autoclave), per irrigazione a pioggia e a scorrimento in giardino e agricoltura, per aumentare, in derivazione la pressione di rete degli acquedotti.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41), Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Supporto motore: Alluminio
- Girante: Acciaio Inox AISI 304
- Albero motore: Acciaio Inox AISI 304
- Tenute meccaniche: Silicio/Grafite/EPDM

## APPLICATION

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks; for sprinkler and flood irrigation systems in gardening and agriculture; to increase in derivation system pressure in aqueducts.

## OPERATING CONDITIONS

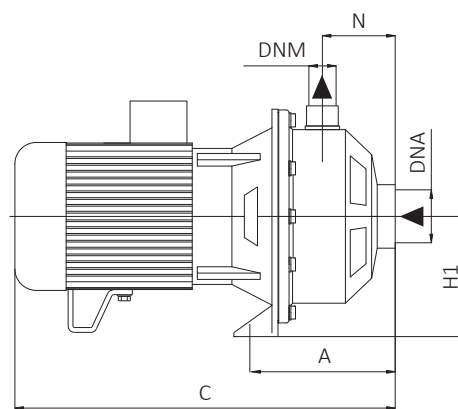
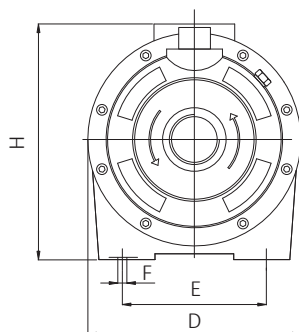
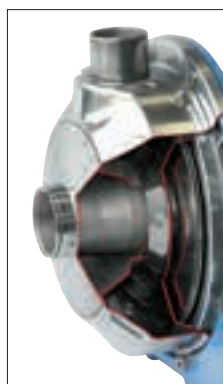
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41), Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

## MATERIALS

- Pump body: Stainless Steel AISI 304
- Motor Support: Aluminium
- Impeller: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Silicon/Graphite/EPDM

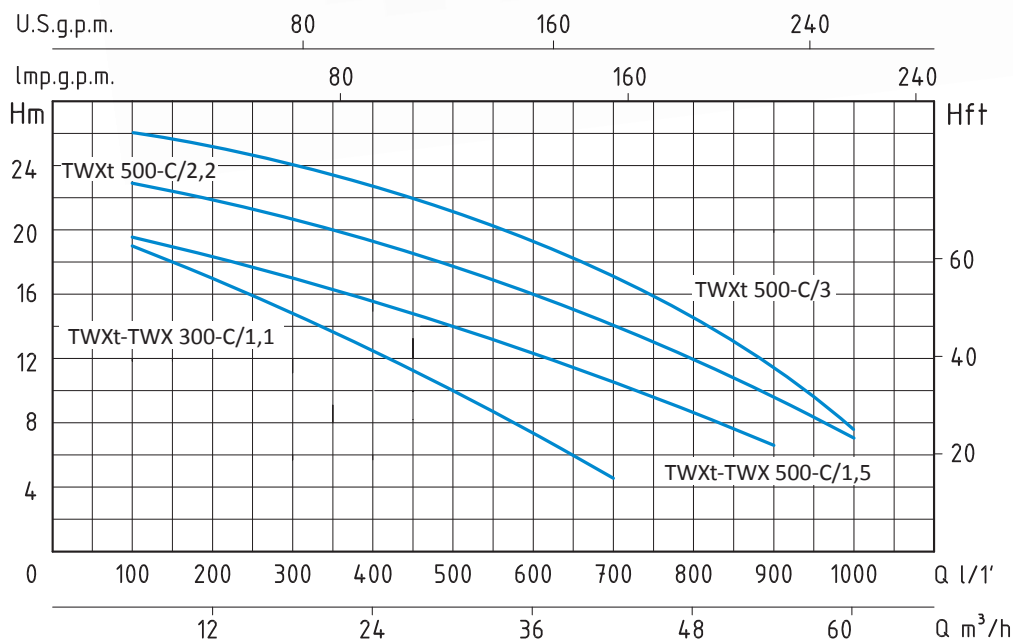


| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |    |     |     |    |     |        | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|----|-----|-----|----|-----|--------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | C   | D   | E   | F  | H   | H1  | N  | DNA | DNM    | P                              | L   | H   | Kg             |
| TCX 330/1,5              | TCXt 330/1,5           | 143                          | 371 | 216 | 173 | 11 | 238 | 111 | 54 | 2"  | 1" 1/4 | 227                            | 487 | 274 | 20             |
| TCX 330/2,2              | TCXt 330/2,2           | 143                          | 418 | 216 | 173 | 11 | 245 | 111 | 54 | 2"  | 1" 1/4 | 227                            | 487 | 274 | 23             |



ELETTROPOMPE CENTRIFUGHE  
GIRANTE INOX

STAINLESS STEEL IMPELLER  
CENTRIFUGAL PUMPS



| TWX - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                     |                |                                        |                          |                        |                       |      |      |     |          |      |      |      |      |      |      |     |   |     |
|---------------------------------|------------------------|---------------------------------------------------------------------|----------------|----------------------------------------|--------------------------|------------------------|-----------------------|------|------|-----|----------|------|------|------|------|------|------|-----|---|-----|
| TIPO<br>TYPE                    |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |                | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |     |          |      |      |      |      |      |      |     |   |     |
| Monofase<br>Single-phase        | Trifase<br>Three-phase | P2                                                                  |                | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 6    | 12   | 18  | 24       | 30   | 36   | 42   | 48   | 54   | 60   |     |   |     |
|                                 |                        | HP                                                                  | kW             | kW                                     |                          |                        | lt/1'                 | 100  | 200  | 300 | 400      | 500  | 600  | 700  | 800  | 900  | 1000 |     |   |     |
|                                 |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                |                                        |                          |                        |                       |      |      |     |          |      |      |      |      |      |      |     |   |     |
|                                 |                        | TWX 300-C/1,1                                                       | TWXt 300-C/1,1 | 1,5                                    |                          |                        | 1,1                   | 1,75 | 7,7  | 3,2 | H<br>(m) | 18,5 | 17   | 15   | 12,5 | 10   | 7    | 4,5 |   |     |
|                                 |                        | TWX500-C/1,5                                                        | TWXt 500-C/1,5 | 2                                      |                          |                        | 1,5                   | 2,3  | 10   | 4   |          | 19   | 17,5 | 16,5 | 15   | 13,5 | 11,5 | 9,5 | 8 | 6,5 |
|                                 | TWXt 500-C/2,2         | 3                                                                   | 2,2            | 3                                      |                          | 5                      |                       | 23   | 22,5 | 21  | 19,5     | 18   | 16   | 14   | 12   | 9,5  | 7    |     |   |     |
|                                 | TWXt 500-C/3           | 4                                                                   | 3              | 3,4                                    |                          | 6,1                    |                       | 26   | 25   | 24  | 22,5     | 21   | 19   | 16   | 13   | 10   | 7,5  |     |   |     |

APPLICAZIONI

Utilizzata negli impianti di condizionamento, impianti di depurazione oppure di lavaggio industriale.  
Può essere utilizzata nell'ambito industriale per lo spostamento di liquidi leggermente corrosivi.  
Può essere utilizzata nei sistemi di alimentazione e depurazione delle piscine, nelle reti dei sistemi di irrigazione agricoli.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 5 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Acciaio Inox AISI 304 |
| - Supporto motore   | Alluminio             |
| - Girante           | Acciaio Inox AISI 304 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Silicio/Silicio/Viton |

APPLICATION

The pump can be used in air-conditioning systems, water treatment plants or for factory washing.  
It can be used to convey slightly corrosive liquids.  
It can be used as part of a swimming pool supply and treatment system, as part of a drainage system or as part of an agricultural irrigation system.

OPERATING CONDITIONS

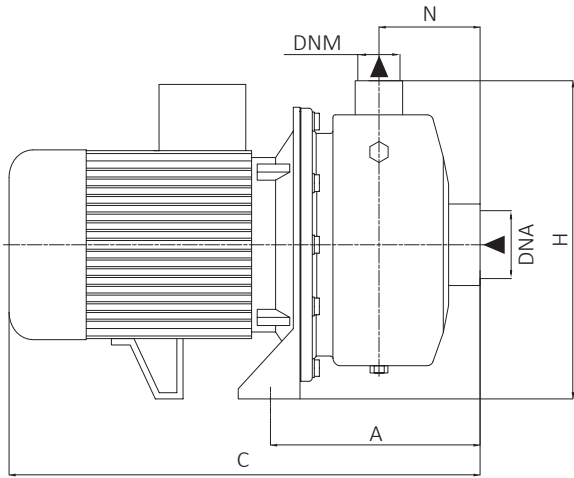
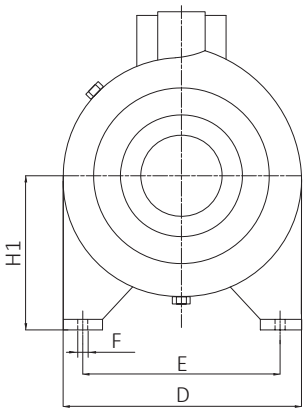
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 5 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

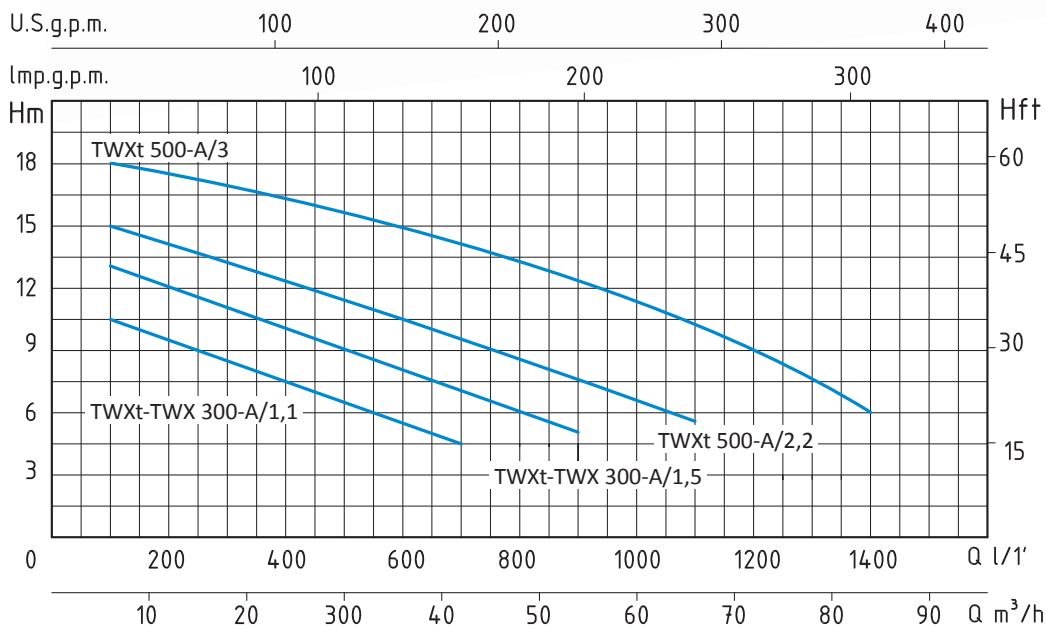
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor Support    | Aluminium                |
| - Impeller         | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Silicon/Silicon/Viton    |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |    |     |     |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|----|-----|-----|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | C   | D   | E   | F  | H   | H1  | N  | DNA | DNM | P                              | L   | H   | Kg             |
| TWX 300-C/1,1            | TWXt 300-C/1,1         | 170                          | 382 | 193 | 160 | 11 | 258 | 125 | 82 | 2"  | 2"  | 210                            | 400 | 300 | 16,5           |
| TWX500-C/1,5             | TWXt 500-C/1,5         | 170                          | 382 | 193 | 160 | 11 | 258 | 125 | 82 | 2"½ | 2"  | 210                            | 450 | 300 | 18             |
|                          | TWXt 500-C/2,2         | 170                          | 426 | 193 | 160 | 11 | 258 | 125 | 82 | 2"½ | 2"  | 210                            | 450 | 300 | 22             |
|                          | TWXt 500-C/3           | 170                          | 426 | 193 | 160 | 11 | 258 | 125 | 82 | 2"½ | 2"  | 210                            | 450 | 300 | 23             |

ELETTROPOMPE CENTRIFUGHE  
GIRANTE INOX APERTA

STAINLESS STEEL  
OPEN IMPELLER  
CENTRIFUGAL PUMPS



**TWX - 50 HZ - 1 PHASE / 3 PHASE**

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |      |     |     |      |      |      |      |
|--------------------------|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|------|-----|-----|------|------|------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 6    | 12   | 24   | 36   | 42  | 54  | 60   | 66   | 72   | 84   |
|                          |                        | HP                                                                 | kW  | kW                                     |                          |                        | lt/1'                 | 100  | 200  | 400  | 600  | 700 | 900 | 1000 | 1100 | 1200 | 1400 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                          |                        |                       |      |      |      |      |     |     |      |      |      |      |
| TWX 300-A/1,1            | TWXt 300-A/1,1         | 1,5                                                                | 1,1 | 1,55                                   | 6,8                      | 3                      | H<br>(m)              | 10,5 | 9,5  | 7,5  | 5,5  | 4,5 |     |      |      |      |      |
| TWX 300-A/1,5            | TWXt 300-A/1,5         | 2                                                                  | 1,5 | 2,2                                    | 9,7                      | 3,8                    |                       | 13   | 12   | 10   | 8    | 7   | 5   |      |      |      |      |
|                          | TWXt 500-A/2,2         | 3                                                                  | 2,2 | 3                                      |                          | 5                      |                       | 15   | 14,5 | 12,5 | 10,5 | 9,5 | 7,5 | 6,5  | 5,5  |      |      |
|                          | TWXt 500-A/3           | 4                                                                  | 3   | 4                                      |                          | 7                      |                       | 18   | 17,5 | 16   | 14   | 13  | 11  | 10   | 9    | 8    | 6    |

## APPLICAZIONI

È adatta allo spostamento di solidi sospesi residui dalla produzione alimentare; può essere utilizzata per la pulizia di ortaggi, carne o pesce, per la pulizia di parti metalliche, di bottiglie, barattoli, vetro.

Può essere utilizzata anche nei sistemi di circolazione e coinvolgimento di qualunque liquido sporco in generale e allo spostamento di liquidi leggermente corrosivi.

Adatta nei sistemi di lavaggi industriali e lavastoviglie per comunità.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 3 mt.
- Servizio continuo

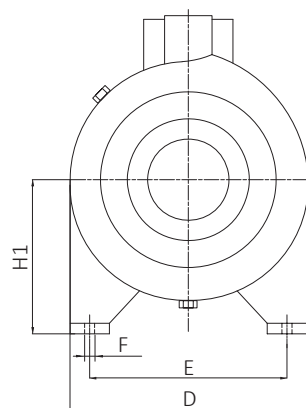
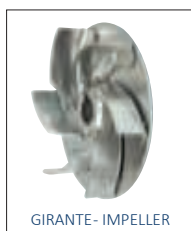
## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa
- Supporto motore
- Girante aperta
- Albero motore
- Tenute meccaniche

Acciaio Inox AISI 304  
Alluminio  
Acciaio Inox AISI 304  
Acciaio Inox AISI 304  
Silicio/Silicio/Viton



## APPLICATION

It can be used to convey the residual suspended solids from food processing; it can be used to clean vegetables, meat or fish or to clean metal parts, bottles, tins, or glassware

It can be used in circulating systems and it can be used to convey any type of dirty liquid and slightly corrosive liquids as well.

It is suitable to be used as part of factory washing systems and industrial dishwashers.

## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 3 mt.
- Continuous duty

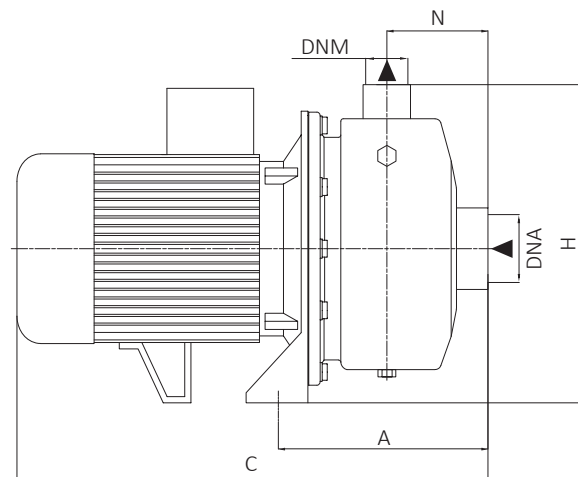
## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

## MATERIALS

- Pump body
- Motor Support
- Open impeller
- Shaft with rotor
- Mechanical seal

Stainless Steel AISI 304  
Aluminium  
Stainless Steel AISI 304  
Stainless Steel AISI 304  
Silicon/Silicon/Viton



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |    |     |     |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|----|-----|-----|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | C   | D   | E   | F  | H   | H1  | N  | DNA | DNM | P                              | L   | H   | Kg             |
| TWX 300-A/1,1            | TWXt 300-A/1,1         | 170                          | 382 | 193 | 160 | 11 | 258 | 125 | 82 | 2"  | 2"  | 210                            | 400 | 300 | 16,5           |
| TWX 300-A/1,5            | TWXt 300-A/1,5         | 170                          | 382 | 193 | 160 | 11 | 258 | 125 | 82 | 2"  | 2"  | 210                            | 400 | 300 | 18             |
|                          | TWXt 500-A/2,2         | 170                          | 426 | 193 | 160 | 11 | 258 | 125 | 82 | 2"½ | 2"  | 210                            | 450 | 300 | 22             |
|                          | TWXt 500-A/3           | 170                          | 426 | 193 | 160 | 11 | 258 | 125 | 82 | 2"½ | 2"  | 210                            | 450 | 300 | 23             |

## ELETTROPOMPE CENTRIFUGHE BIGIRANTI TWIN IMPELLER CENTRIFUGAL PUMPS

### APPLICAZIONI

Elettropompe centrifughe bigiranti per sollevare acqua pulita e liquidi moderatamente carichi di impurità non aggressivi per i materiali delle pompe. Caratteristica principale è l'impiego di due giranti contrapposte che permettono, a differenza del modello monogirante, elevate prevalenze. Adatte per impianti civili e industriali, distribuzione automatica dell'acqua a mezzo di piccoli-medi serbatoi (autoclave) e per irrigazione a pioggia in giardino e in agricoltura.

### APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



GIRANTE - IMPELLER

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz  $P_2 \leq 7,5 \text{ kW}$
- Trifase 400/690V-50Hz  $P_2 > 7,5 \text{ kW}$
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

### MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Giranti           | Ottone                |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz  $P_2 \leq 7,5 \text{ kW}$
- Three-phase 400/690V-50Hz  $P_2 > 7,5 \text{ kW}$
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impellers        | Brass                    |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



### BTC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                       |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i> |      | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   |                        | Q = PORTATA - CAPACITY |     |      |      |     |      |     |      |     |      |     |  |
|--------------------------------------------------------------------|------------------------|---------------------------------------------|------|------------------------------------------------|--------------------------|------------------------|------------------------|-----|------|------|-----|------|-----|------|-----|------|-----|--|
| Monofase<br>Single-phase                                           | Trifase<br>Three-phase | P2                                          |      | P1                                             | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 1,2 | 2,4  | 3,6  | 4,8 | 6    | 7,2 | 8,4  | 9,6 | 10,8 | 12  |  |
|                                                                    |                        | HP                                          | kW   | kW                                             |                          |                        | lt/1'                  | 20  | 40   | 60   | 80  | 100  | 120 | 140  | 160 | 180  | 200 |  |
| Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                        |                                             |      |                                                |                          |                        |                        |     |      |      |     |      |     |      |     |      |     |  |
| BTC 25/160C                                                        | BTCt 25/160C           | 1,5                                         | 1,1  | 2,2                                            | 10                       | 4,3                    | H<br>(m)               | 51  | 49   | 47   | 44  | 40   | 35  | 27   | 23  |      |     |  |
| BTC 25/160BC                                                       |                        | 2                                           | 1,5  | 2,4                                            | 11                       |                        |                        | 54  | 52   | 49   | 46  | 42   | 36  | 28   | 26  |      |     |  |
|                                                                    | BTCt 25/160B           | 2                                           | 1,5  | 2,6                                            |                          | 5                      |                        | 58  | 56   | 53,5 | 50  | 47,5 | 42  | 35   | 31  |      |     |  |
| BTC 25/160BA                                                       | BTCt 25/160BA          | 2,5                                         | 1,85 | 2,8                                            | 13                       | 5,2                    |                        | 61  | 59   | 57   | 54  | 48   | 42  | 35   | 33  |      |     |  |
| BTC 25/160A                                                        | BTCt 25/160A           | 3                                           | 2,2  | 3,6                                            | 16                       | 5,7                    |                        | 65  | 62,5 | 61   | 59  | 57   | 54  | 50,5 | 46  |      |     |  |
|                                                                    | BTCt 25/180A           | 4                                           | 3    | 4,2                                            |                          | 7                      |                        | 70  | 68   | 65   | 63  | 60   | 57  | 54   | 49  | 44   | 39  |  |

### BTC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i>                         |     | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   |                        | Q = PORTATA - CAPACITY |     |     |      |     |     |     |     |     |      |     |  |
|--------------------------|------------------------|---------------------------------------------------------------------|-----|------------------------------------------------|--------------------------|------------------------|------------------------|-----|-----|------|-----|-----|-----|-----|-----|------|-----|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |     | P1                                             | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 1,2 | 2,4 | 3,6  | 4,8 | 6   | 7,2 | 8,4 | 9,6 | 10,8 | 12  |  |
|                          |                        | HP                                                                  | kW  | kW                                             |                          |                        | lt/1'                  | 20  | 40  | 60   | 80  | 100 | 120 | 140 | 160 | 180  | 200 |  |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                                |                          |                        |                        |     |     |      |     |     |     |     |     |      |     |  |
| BTC 32/190C              | BTCt 32/190C           | 3                                                                   | 2,2 | 3,6                                            | 16                       | 5,7                    | H<br>(m)               | 63  | 60  | 58   | 56  | 54  | 50  | 46  |     |      |     |  |
|                          | BTCt 32/190B           | 4                                                                   | 3   | 4,5                                            |                          | 7,5                    |                        | 74  | 72  | 69,5 | 65  | 63  | 60  | 56  | 54  | 49   | 43  |  |
| BTC 32/190A              | BTCt 32/190A           | 5,5                                                                 | 4   | 6                                              | 29                       | 9,3                    |                        | 88  | 86  | 84   | 80  | 77  | 74  | 68  | 64  | 60   | 56  |  |

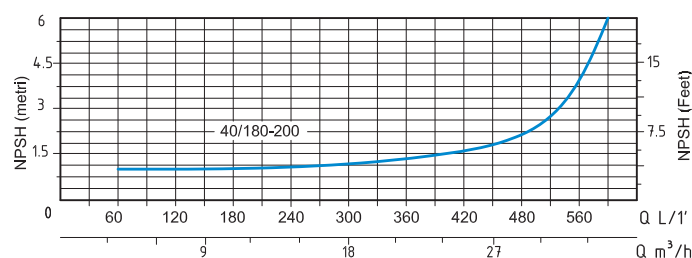
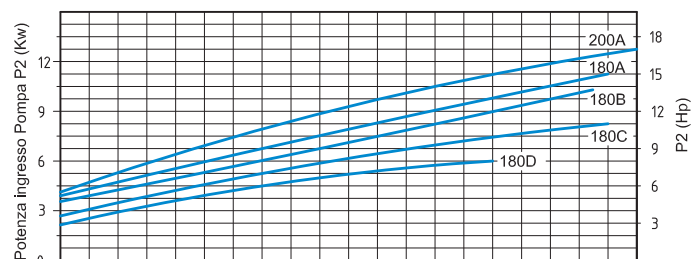
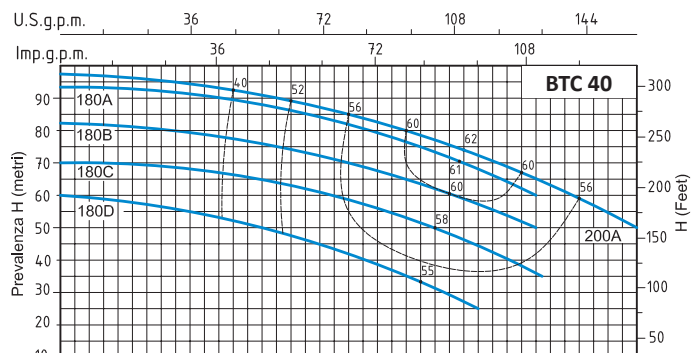
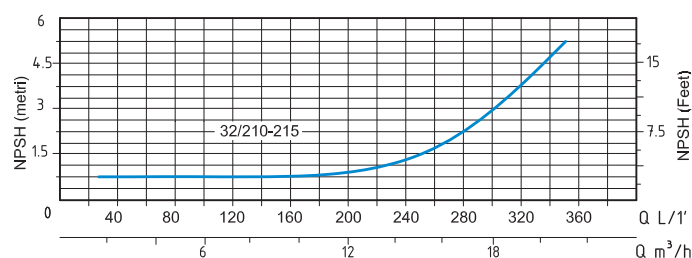
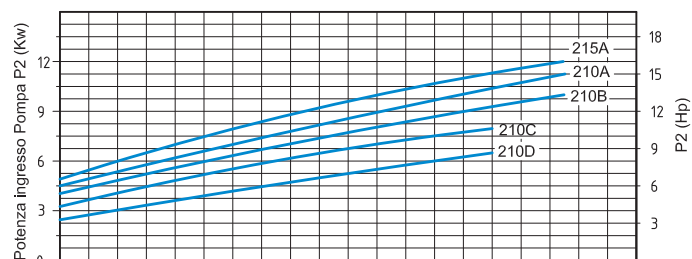
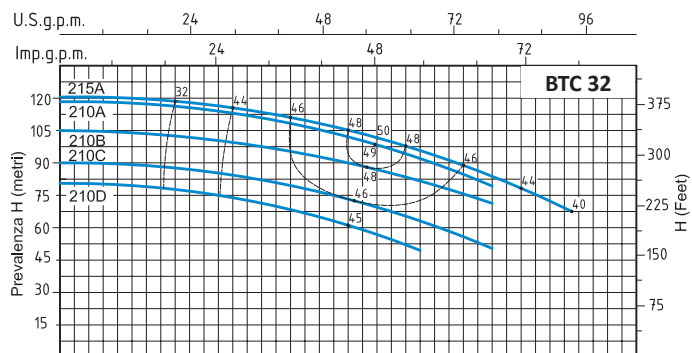
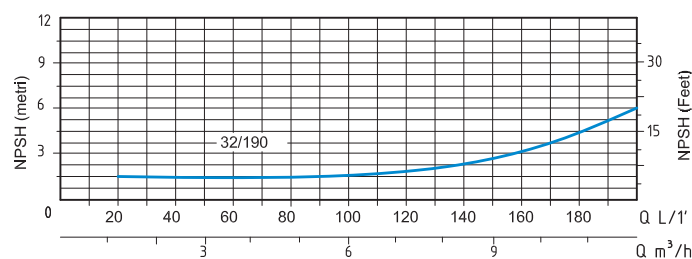
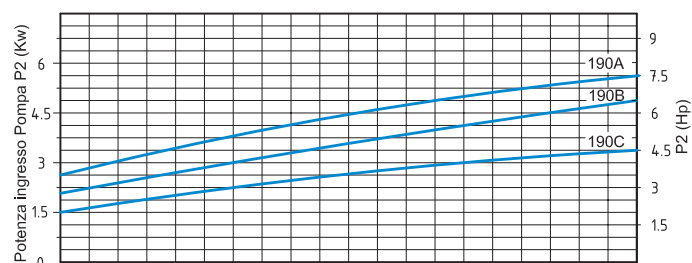
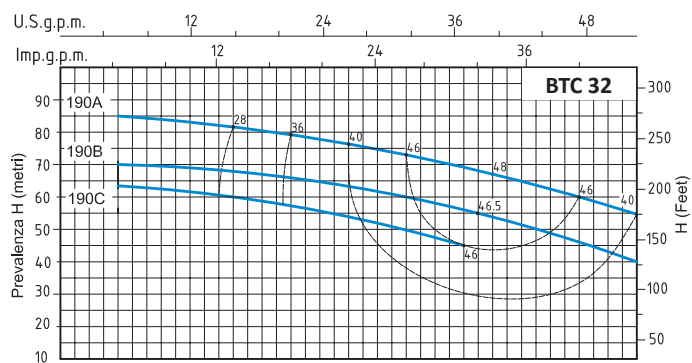
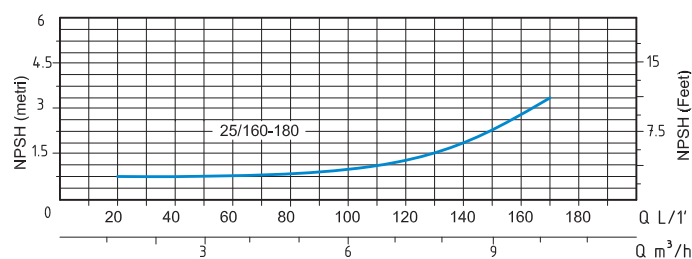
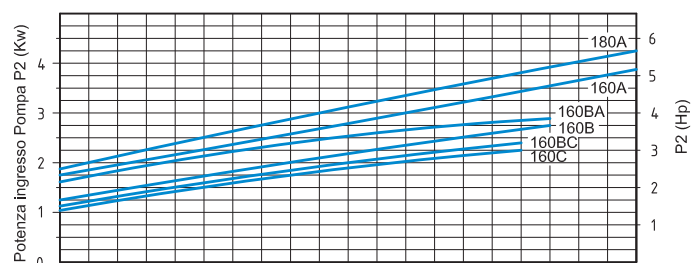
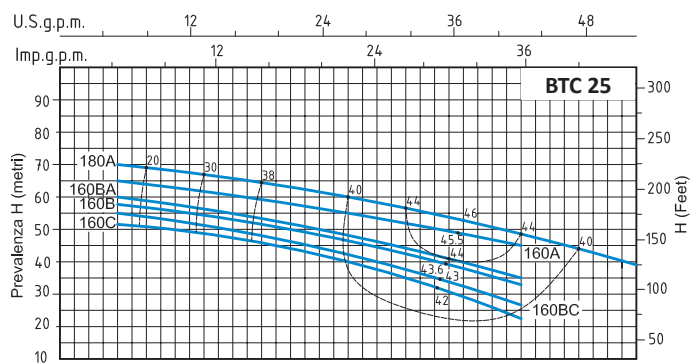
### BTC - 50 HZ - 1 PHASE / 3 PHASE

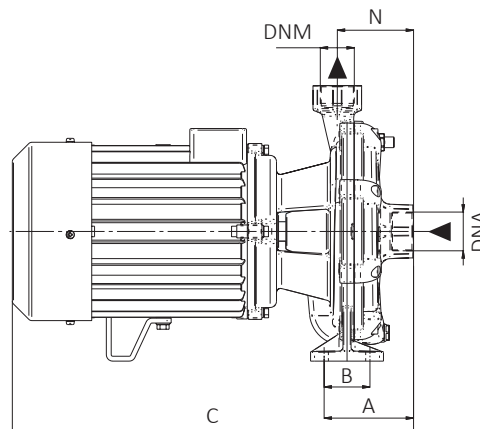
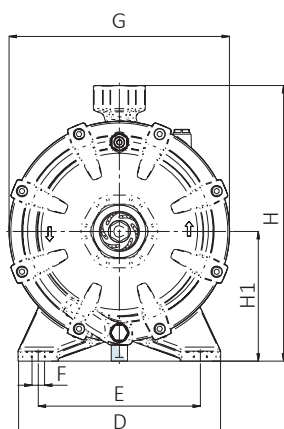
| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i> |     | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   |                        | Q = PORTATA- CAPACITY |       |       |       |       |       |      |     |     |     |     |
|---------------------------------------------------------------------|------------------------|---------------------------------------------|-----|------------------------------------------------|--------------------------|------------------------|-----------------------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                          |     | P1                                             | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0     | 1,5   | 3     | 4,5   | 6     | 9    | 12  | 15  | 18  | 21  |
|                                                                     |                        | HP                                          | kW  | kW                                             |                          |                        | lt/1'                 | 0     | 25    | 50    | 75    | 100   | 150  | 200 | 250 | 300 | 350 |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                             |     |                                                |                          |                        |                       |       |       |       |       |       |      |     |     |     |     |
| BTC 32/210D                                                         | BTCt 32/210D           | 5,5                                         | 4   | 6                                              | 29                       | 9,3                    | H<br>(m)              | 79    | 78,8  | 78,5  | 77,3  | 75,5  | 70   | 62  | 50  |     |     |
|                                                                     | BTCt 32/210C           | 7,5                                         | 5,5 | 8                                              |                          | 13                     |                       | 90    | 89,5  | 89    | 88    | 87    | 82,5 | 76  | 60  | 49  |     |
|                                                                     | BTCt 32/210B           | 10                                          | 7,5 | 10                                             |                          | 16                     |                       | 105,5 | 105,3 | 105   | 104   | 102,5 | 98   | 91  | 82  | 68  |     |
|                                                                     | BTCt 32/210A           | 12,5                                        | 9,2 | 11,5                                           |                          | 18,5                   |                       | 117   | 116,8 | 116,5 | 115,5 | 114,5 | 110  | 103 | 94  | 82  |     |
|                                                                     | BTCt 32/215A           | 15                                          | 11  | 13                                             |                          | 21                     |                       | 120   | 119,8 | 119,5 | 118,5 | 117,5 | 112  | 105 | 96  | 84  | 67  |
|                                                                     |                        |                                             |     |                                                |                          |                        |                       |       |       |       |       |       |      |     |     |     |     |

### BTC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i>                         |     | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |      |     |     |     |     |     |     |
|--------------------------|------------------------|---------------------------------------------------------------------|-----|------------------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |     | P1                                             | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0    | 3    | 6    | 9    | 15  | 18  | 24  | 27  | 30  | 36  |
|                          |                        | HP                                                                  | kW  | kW                                             |                          |                        | lt/1'                 | 0    | 50   | 100  | 150  | 250 | 300 | 400 | 450 | 500 | 600 |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                                |                          |                        |                       |      |      |      |      |     |     |     |     |     |     |
| BTC 40/180D              | BTCt 40/180D           | 5,5                                                                 | 4   | 6                                              | 29                       | 9,3                    | H<br>(m)              | 60   | 59   | 58   | 56   | 50  | 45  | 34  | 25  |     |     |
|                          | BTCt 40/180C           | 7,5                                                                 | 5,5 | 8                                              |                          | 13                     |                       | 71   | 70,7 | 70,5 | 69   | 64  | 60  | 50  | 43  | 35  |     |
|                          | BTCt 40/180B           | 10                                                                  | 7,5 | 10                                             |                          | 16                     |                       | 87   | 86   | 85   | 83   | 78  | 75  | 65  | 60  | 51  |     |
|                          | BTCt 40/180A           | 12,5                                                                | 9,2 | 11,5                                           |                          | 18,5                   |                       | 93,5 | 93,3 | 93   | 92   | 87  | 82  | 71  | 65  | 58  |     |
|                          | BTCt 40/200A           | 15                                                                  | 11  | 13                                             |                          | 21                     |                       | 96   | 95,8 | 95,5 | 94,5 | 90  | 86  | 77  | 71  | 65  | 48  |







## BTC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |      |      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|------|------|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | N    | DNA  | DNM | P                              | L   | H   | Kg             |
| BTC 25/160C              | BTCt 25/160C           | 95                           | 50 | 400 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 240                            | 414 | 314 | 24,6           |
| BTC 25/160BC             |                        | 95                           | 50 | 432 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 240                            | 414 | 314 | 26,4           |
|                          | BTCt 25/160B           | 95                           | 50 | 432 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 240                            | 414 | 314 | 24,6           |
| BTC 25/160BA             | BTCt 25/160BA          | 95                           | 46 | 432 | 208 | 168 | 10 | 222 | 265 | 120 | 85   | 1" ¼ | 1"  | 259                            | 507 | 345 | 29,9           |
| BTC 25/160A              | BTCt 25/160A           | 108,5                        | 46 | 440 | 230 | 190 | 12 | 246 | 290 | 132 | 92,5 | 1" ¼ | 1"  | 259                            | 507 | 345 | 36,1           |
|                          | BTCt 25/180A           | 108,5                        | 46 | 440 | 230 | 190 | 12 | 246 | 290 | 132 | 92,5 | 1" ¼ | 1"  | 310                            | 530 | 460 | 35,9           |

## BTC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |    |      |      | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|----|------|------|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | N  | DNA  | DNM  | P                                                                                                                    | L   | H   | Kg             |
| BTC 32/190C              | BTCt 32/190C           | 120                          | 60 | 450 | 250 | 200 | 15 | 272 | 340 | 160 | 94 | 1" ½ | 1" ¼ | 310                                                                                                                  | 530 | 460 | 40,7           |
|                          | BTCt 32/190B           | 120                          | 60 | 485 | 250 | 200 | 15 | 272 | 340 | 160 | 94 | 1" ½ | 1" ¼ | 310                                                                                                                  | 530 | 460 | 44,9           |
| BTC 32/190A              | BTCt 32/190A           | 120                          | 60 | 495 | 250 | 200 | 15 | 272 | 340 | 160 | 94 | 1" ½ | 1" ¼ | 310                                                                                                                  | 530 | 460 | 53,9           |

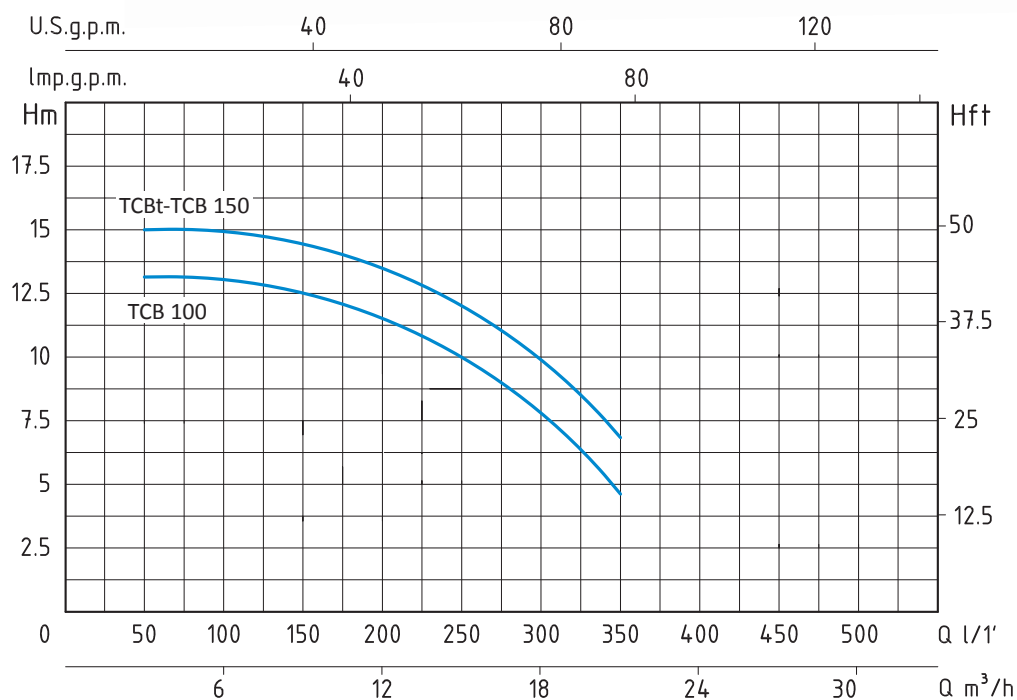
## BTC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     |  | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|------|--------------------------------|-----|-----|---------------------------------------------------------------------------------------|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | N   | DNA | DNM  | P                              | L   | H   | Kg                                                                                    |                |
| BTC 32/210D              | BTCt 32/210D           | 121                          | 60 | 530 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" ¼ | 342                            | 620 | 475 | 60                                                                                    |                |
|                          | BTCt 32/210C           | 121                          | 60 | 575 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" ¼ | 342                            | 620 | 475 | 70,6                                                                                  |                |
|                          | BTCt 32/210B           | 121                          | 60 | 575 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" ¼ | 342                            | 620 | 475 | 75,4                                                                                  |                |
|                          | BTCt 32/210A           | 121                          | 60 | 575 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" ¼ | 372                            | 805 | 550 | 91,1                                                                                  |                |
|                          | BTCt 32/215A           | 121                          | 60 | 612 | 280 | 225 | 15 | 300 | 375 | 160 | 107 | 2"  | 1" ¼ | 372                            | 805 | 550 | 96,1                                                                                  |                |

## BTC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     |  | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|------|--------------------------------|-----|-----|---------------------------------------------------------------------------------------|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | N   | DNA | DNM  | P                              | L   | H   | Kg                                                                                    |                |
| BTC 40/180D              | BTCt 40/180D           | 126                          | 60 | 535 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" ½ | 342                            | 620 | 475 | 60,9                                                                                  |                |
|                          | BTCt 40/180C           | 126                          | 60 | 580 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" ½ | 342                            | 620 | 475 | 71,2                                                                                  |                |
|                          | BTCt 40/180B           | 126                          | 60 | 580 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" ½ | 342                            | 620 | 475 | 72,6                                                                                  |                |
|                          | BTCt 40/180A           | 126                          | 60 | 580 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" ½ | 372                            | 805 | 550 | 94,1                                                                                  |                |
|                          | BTCt 40/200A           | 126                          | 60 | 612 | 280 | 225 | 15 | 300 | 375 | 160 | 116 | 2"  | 1" ½ | 372                            | 805 | 550 | 97,1                                                                                  |                |

ELETTROPOMPE CENTRIFUGHE DI SCORRIMENTO  
CENTRIFUGAL IRRIGATION PUMPS



TCB - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |    |      |      |      |     |     |     |
|--------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|----|------|------|------|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 3  | 6    | 9    | 12   | 15  | 18  | 21  |
|                          |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 50 | 100  | 150  | 200  | 250 | 300 | 350 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |    |      |      |      |     |     |     |
| TCB 100                  |                        | 1                                                                  | 0,75 | 1,1                                    | 5,3                      |                        | H                     | 13 | 12,8 | 12,2 | 11,5 | 10  | 7   | 4   |
| TCB 150                  | TCBt 150               | 1,5                                                                | 1,1  | 1,8                                    | 7,9                      | 3                      | (m)                   | 15 | 14,8 | 14,3 | 13,8 | 13  | 9   | 6   |

## APPLICAZIONI

Elettropompe centrifughe di scorrimento monogirante a bassa prevalenza con alti valori di portata.

Adatte per pompare acque pulite o liquidi moderatamente carichi di impurità, purchè non aggressivi per i materiali costruttivi della pompa.

Adatte negli impianti di irrigazione, nel giardino, in agricoltura e negli impianti industriali.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa Ghisa
- Supporto motore Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Ceramica/Grafite/NBR

## APPLICATION

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates.

Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.

## OPERATING CONDITIONS

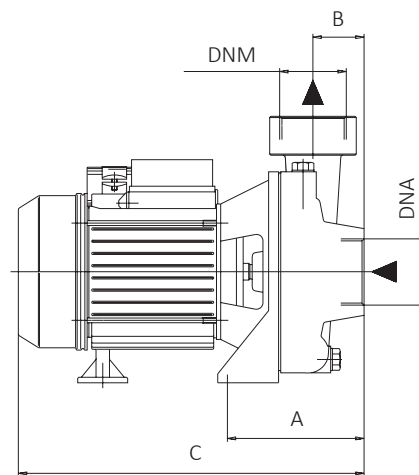
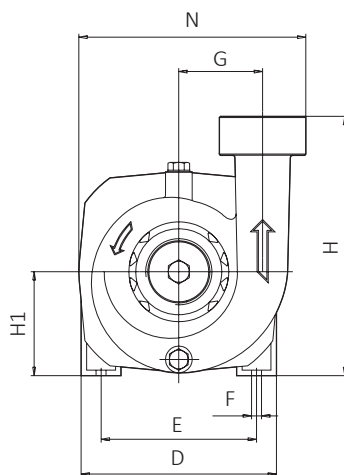
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

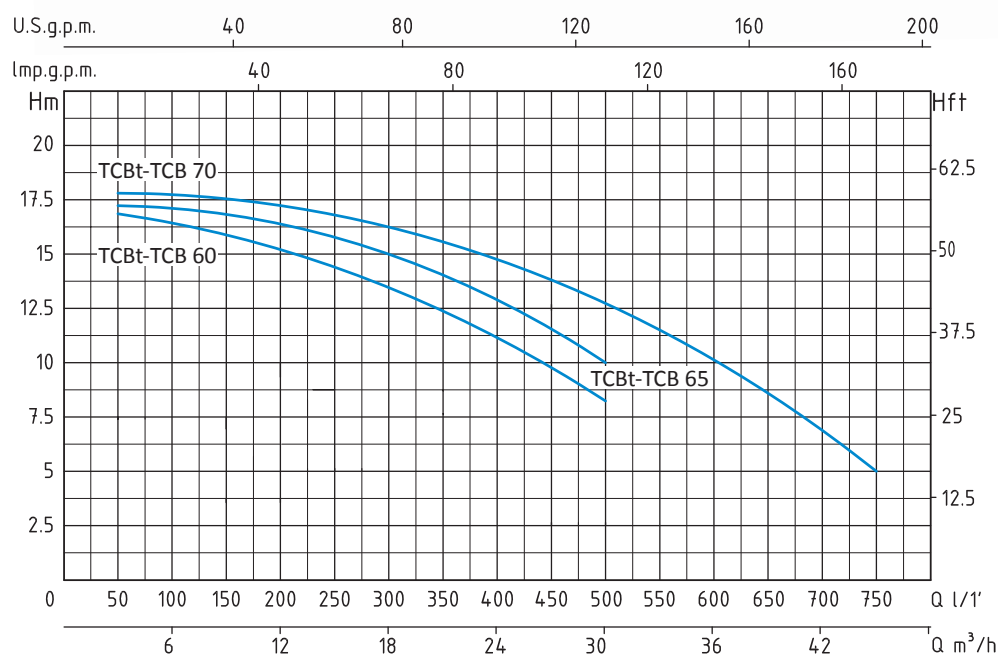
## MATERIALS

- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal Ceramic/Graphite/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |   |    |     |    |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|---|----|-----|----|-----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F | G  | H   | H1 | N   | DNA | DNM | P                              | L   | H   | Kg             |
| TCB 100                  |                        | 125                          | 45 | 310 | 176 | 140 | 9 | 80 | 240 | 94 | 205 | 2"  | 2"  | 229                            | 385 | 294 | 16,5           |
| TCB 150                  | TCBt 150               | 125                          | 45 | 310 | 176 | 140 | 9 | 80 | 240 | 94 | 205 | 2"  | 2"  | 229                            | 385 | 294 | 17,2           |

ELETTROPOMPE CENTRIFUGHE DI SCORRIMENTO  
CENTRIFUGAL IRRIGATION PUMPS



TCB - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |    |      |      |      |      |      |      |      |      |      |      |     |
|--------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|----|------|------|------|------|------|------|------|------|------|------|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 3  | 6    | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 36   | 45  |
|                          |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 50 | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 600  | 750 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |    |      |      |      |      |      |      |      |      |      |      |     |
| TCB 60                   | TCBt 60                | 1,5                                                                | 1,1  | 1,9                                    | 8,4                      | 3,1                    | H<br>(m)              | 16 | 15,7 | 15,3 | 15   | 14   | 13   | 12   | 11   | 10   | 8    |      |     |
| TCB 65                   | TCBt 65                | 2                                                                  | 1,5  | 2,3                                    | 10,1                     | 4,2                    |                       | 17 | 16,8 | 16,7 | 16,5 | 15,8 | 15   | 14   | 13   | 12   | 10   |      |     |
| TCB 70                   | TCBt 70                | 2,5                                                                | 1,85 | 3                                      | 13                       | 4,8                    |                       | 18 | 17,8 | 17,5 | 17,3 | 16,8 | 16,2 | 15,6 | 14,9 | 13,7 | 12,7 | 10,2 | 5   |

## APPLICAZIONI

Elettropompe centrifughe di scorrimento monogirante a bassa prevalenza con alti valori di portata.

Adatte per pompare acque pulite o liquidi moderatamente carichi di impurità, purchè non aggressivi per i materiali costruttivi della pompa.

Adatte negli impianti di irrigazione, nel giardino, in agricoltura e negli impianti industriali.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa Ghisa
- Supporto motore Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Ceramica/Grafite/NBR

## APPLICATION

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates.

Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.

## OPERATING CONDITIONS

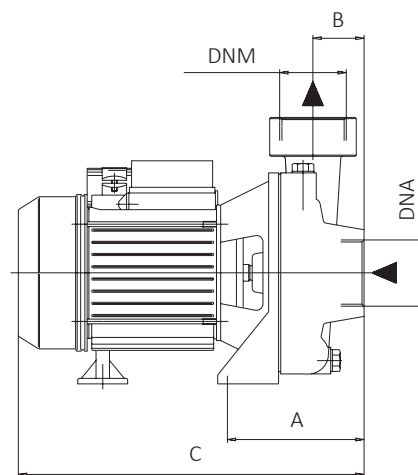
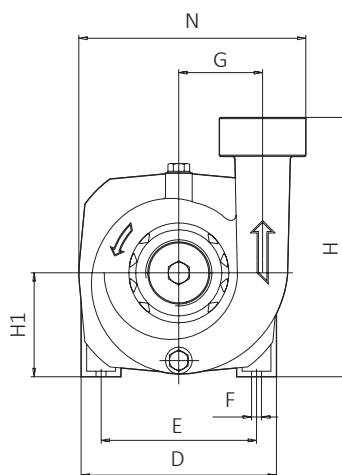
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

## MATERIALS

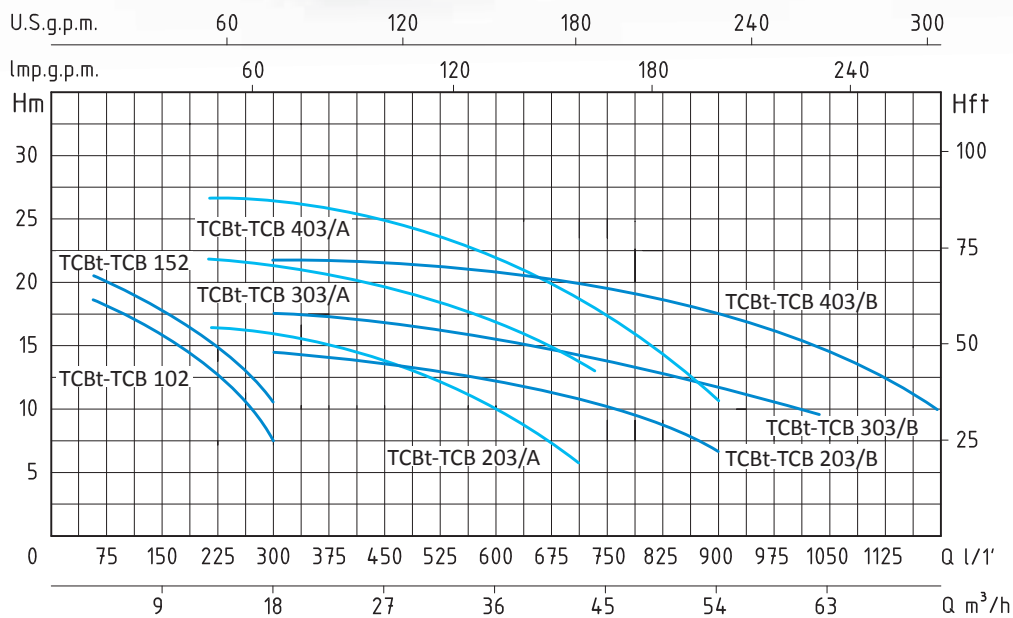
- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal Ceramic/Graphite/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |      |       |     |     |    |    |     |     |     |        |        | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|------|-------|-----|-----|----|----|-----|-----|-----|--------|--------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B    | C     | D   | E   | F  | G  | H   | H1  | N   | DNA    | DNM    | P                              | L   | H   | Kg             |
| TCB 60                   | TCBt 60                | 170                          | 67   | 350   | 155 | 125 | 9  | 78 | 220 | 92  | 200 | 2"     | 2"     | 229                            | 385 | 294 | 18,3           |
| TCB 65                   | TCBt 65                | 170                          | 67   | 350   | 155 | 125 | 9  | 78 | 220 | 92  | 200 | 2"     | 2"     | 229                            | 385 | 294 | 19,1           |
| TCB 70                   | TCBt 70                | 209                          | 63,5 | 426,5 | 220 | 200 | 10 | 93 | 250 | 107 | 252 | 2" 1/2 | 2" 1/2 | 259                            | 507 | 345 | 32,8           |



ELETTROPOMPE  
CENTRIFUGHE  
DI SCORRIMENTO  
  
CENTRIFUGAL  
IRRIGATION PUMPS



TCB - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i>                        |     | POTENZA<br>ASSORBITA<br><i>INPUT POWER</i> | AMPERE                   |                        | Q = PORTATA- CAPACITY |    |      |      |      |      |      |      |      |      |      |
|--------------------------|------------------------|--------------------------------------------------------------------|-----|--------------------------------------------|--------------------------|------------------------|-----------------------|----|------|------|------|------|------|------|------|------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |     | P1                                         | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 3  | 6    | 12   | 18   | 24   | 30   | 42   | 54   | 60   | 72   |
|                          |                        | HP                                                                 | kW  | kW                                         |                          |                        | lt/1'                 | 50 | 100  | 200  | 300  | 400  | 500  | 700  | 900  | 1000 | 1200 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                            |                          |                        |                       |    |      |      |      |      |      |      |      |      |      |
| TCB 102                  | TCBt 102               | 1                                                                  | 0,8 | 1,15                                       | 5,5                      | 2,5                    | H<br>(m)              | 18 | 17   | 13,5 | 7,5  |      |      |      |      |      |      |
| TCB 152                  | TCBt 152               | 1,5                                                                | 1,1 | 1,45                                       | 7                        | 3,5                    |                       | 21 | 19,5 | 16   | 10,5 |      |      |      |      |      |      |
| TCB 203/A                | TCBt 203/A             | 2                                                                  | 1,5 | 2,4                                        | 10,7                     | 5                      |                       |    |      | 16   | 15   | 14   | 12,5 | 6    |      |      |      |
| TCB 203/B                | TCBt 203/B             | 2                                                                  | 1,5 | 2,4                                        | 10,7                     | 5                      |                       |    |      |      | 13,9 | 13,5 | 13   | 10,5 | 7    |      |      |
| TCB 303/A                | TCBt 303/A             | 3                                                                  | 2,2 | 3,3                                        | 15                       | 5,5                    |                       |    |      | 22   | 21   | 20   | 18,5 | 13   |      |      |      |
| TCB 303/B                | TCBt 303/B             | 3                                                                  | 2,2 | 3,3                                        | 15                       | 5,5                    |                       |    |      |      | 17,4 | 17,2 | 17   | 15   | 11,5 | 9,5  |      |
| TCB 403/A                | TCBt 403/A             | 4                                                                  | 3   | 4,5                                        | 20                       | 7,3                    |                       |    |      |      | 26,5 | 26   | 25   | 23,5 | 18,5 | 11   |      |
| TCB 403/B                | TCBt 403/B             | 4                                                                  | 3   | 4,5                                        | 20                       | 7,3                    |                       |    |      |      | 21,4 | 21,2 | 20,5 | 19   | 16,5 | 14,5 | 10   |

## APPLICAZIONI

Elettropompe centrifughe di scorrimento monogirante. Adatte per pompare acque pulite o liquidi moderatamente carichi di impurità, purchè non aggressivi per i materiali costruttivi della pompa. Adatte negli impianti di irrigazione nel giardino e in agricoltura a scorrimento e negli impianti industriali.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- Corpo pompa
- Supporto motore
- Girante
- Albero motore
- Tenute meccaniche

Ghisa  
Ghisa  
Ghisa  
Acciaio Inox AISI 304  
Ceramica/Grafite/NBR

## APPLICATION

Centrifugal irrigation pumps with single impeller. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.

## OPERATING CONDITIONS

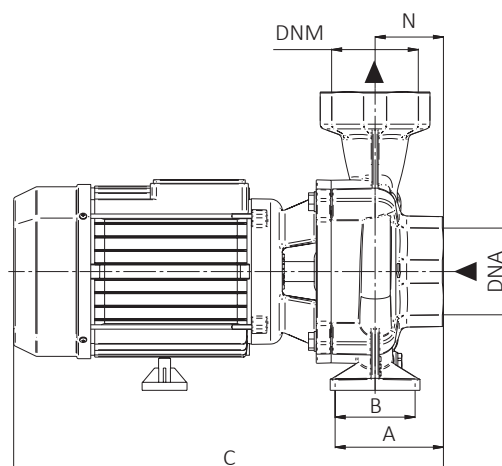
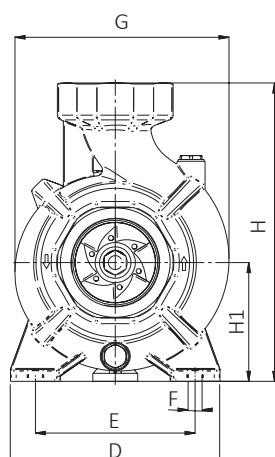
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

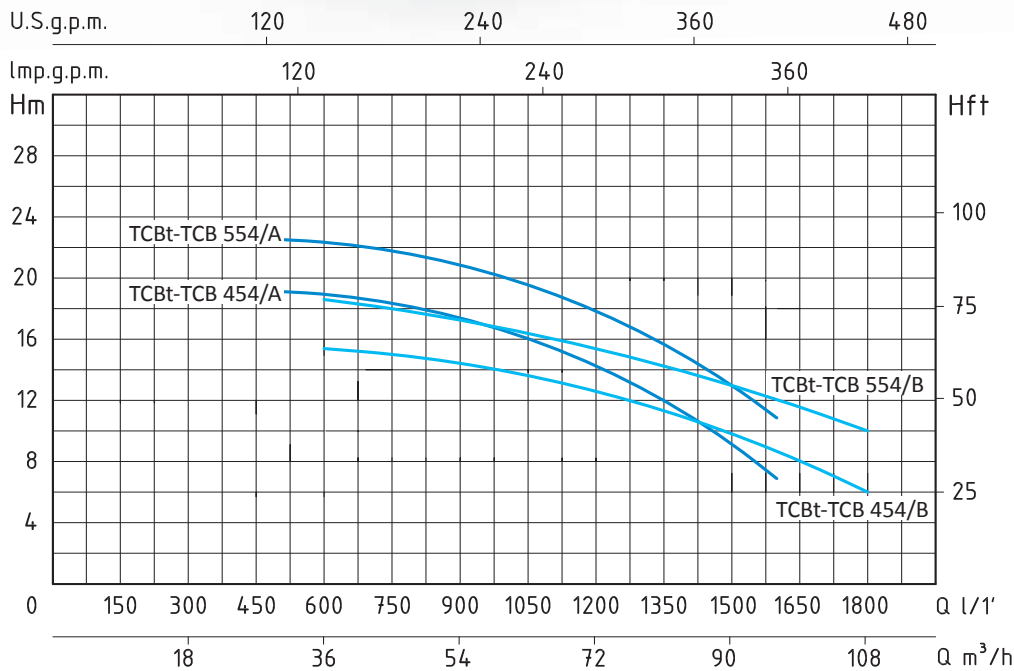
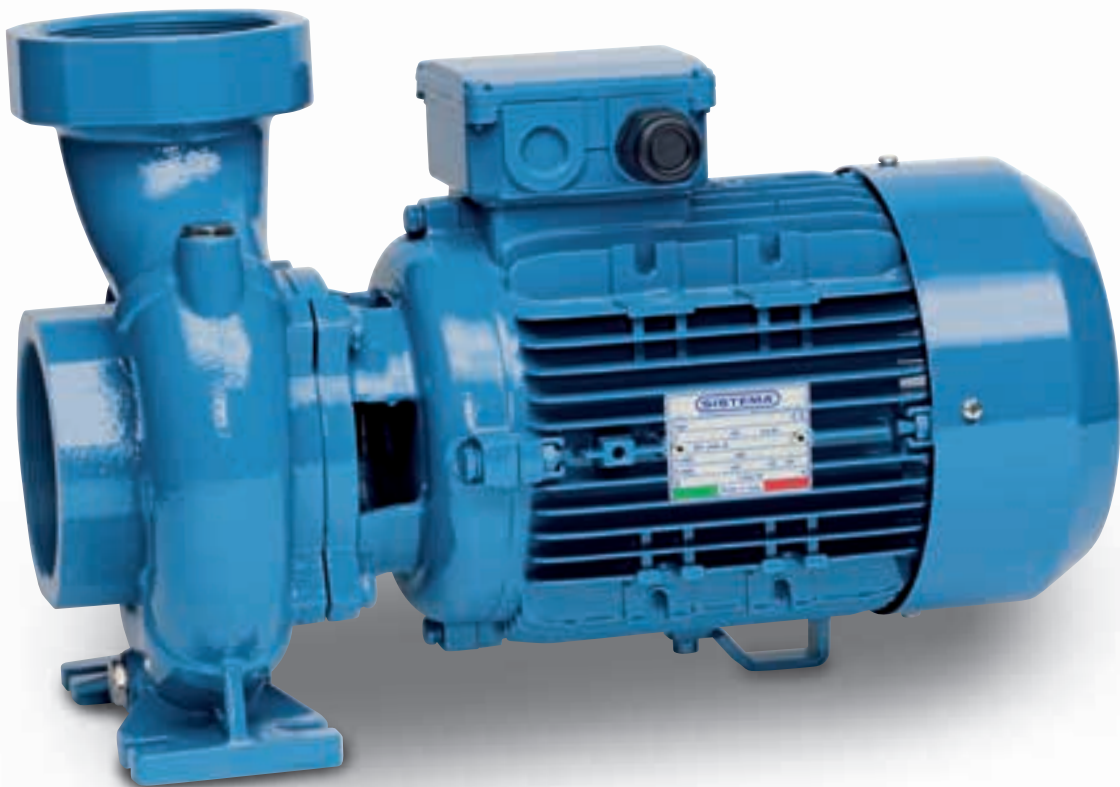
## MATERIALS

- Pump body
- Motor Support
- Impeller
- Shaft with rotor
- Mechanical seal
- Cast Iron
- Cast Iron
- Cast Iron
- Stainless Steel AISI 304
- Ceramic/Graphite/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | N  | DNA | DNM | P                              | L   | H   | Kg             |
| TCB 102                  | TCBt 102               | 144                          | -  | 332 | 182 | 140 | 10 | 193 | 247 | 97  | 69 | 2"  | 2"  | 229                            | 385 | 294 | 17,8           |
| TCB 152                  | TCBt 152               | 144                          | -  | 332 | 182 | 140 | 10 | 193 | 247 | 97  | 69 | 2"  | 2"  | 229                            | 385 | 294 | 18,4           |
| TCB 203/A                | TCBt 203/A             | 96                           | 55 | 433 | 210 | 160 | 14 | 215 | 300 | 120 | 69 | 3"  | 3"  | 259                            | 507 | 345 | 28,9           |
| TCB 203/B                | TCBt 203/B             | 96                           | 55 | 433 | 210 | 160 | 14 | 222 | 300 | 120 | 69 | 3"  | 3"  | 259                            | 507 | 345 | 29,2           |
| TCB 303/A                | TCBt 303/A             | 96                           | 55 | 433 | 210 | 160 | 14 | 215 | 300 | 120 | 69 | 3"  | 3"  | 259                            | 507 | 345 | 33,3           |
| TCB 303/B                | TCBt 303/B             | 96                           | 55 | 433 | 210 | 160 | 14 | 222 | 300 | 120 | 69 | 3"  | 3"  | 259                            | 507 | 345 | 33,5           |
| TCB 403/A                | TCBt 403/A             | 96                           | 55 | 496 | 210 | 160 | 14 | 215 | 300 | 120 | 69 | 3"  | 3"  | 269                            | 540 | 421 | 45             |
| TCB 403/B                | TCBt 403/B             | 96                           | 55 | 496 | 210 | 160 | 14 | 222 | 300 | 120 | 69 | 3"  | 3"  | 269                            | 540 | 421 | 45,3           |

ELETTROPOMPE  
CENTRIFUGHE  
DI SCORRIMENTO  
  
CENTRIFUGAL  
IRRIGATION PUMPS



| TCB - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                    |    |                                                |                          |                        |                       |      |      |      |     |      |      |      |      |      |      |  |
|---------------------------------|------------------------|--------------------------------------------------------------------|----|------------------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|-----|------|------|------|------|------|------|--|
| TIPO<br>TYPE                    |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i>                        |    | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |     |      |      |      |      |      |      |  |
| Monofase<br>Single-phase        | Trifase<br>Three-phase | P2                                                                 |    | P1                                             | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 30   | 36   | 42   | 54  | 72   | 84   | 90   | 96   | 102  | 108  |  |
|                                 |                        | HP                                                                 | kW | kW                                             |                          |                        | lt/1'                 | 500  | 600  | 700  | 900 | 1200 | 1400 | 1500 | 1600 | 1700 | 1800 |  |
|                                 |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |    |                                                |                          |                        |                       |      |      |      |     |      |      |      |      |      |      |  |
|                                 |                        | H<br>(m)                                                           | 19 | 18,8                                           |                          |                        | 18,4                  | 16,7 | 13   | 10   | 8,5 | 7    |      |      |      |      |      |  |
|                                 |                        |                                                                    |    | 15,5                                           |                          |                        | 15,3                  | 14,8 | 12,5 | 10,5 | 9,5 | 8,5  | 7,5  | 6    |      |      |      |  |
| TCB 454/A                       | TCBt 454/A             | 4                                                                  | 3  | 4,5                                            | 20                       | 7,3                    |                       |      |      |      |     |      |      |      |      |      |      |  |
| TCB 454/B                       | TCBt 454/B             | 4                                                                  | 3  | 4,5                                            | 20                       | 7,3                    |                       |      |      |      |     |      |      |      |      |      |      |  |
| TCB 554/A                       | TCBt 554/A             | 5,5                                                                | 4  | 5,7                                            | 28                       | 9                      |                       |      |      |      |     |      |      |      |      |      |      |  |
| TCB 554/B                       | TCBt 554/B             | 5,5                                                                | 4  | 5,7                                            | 28                       | 9                      |                       |      |      |      |     |      |      |      |      |      |      |  |

## APPLICAZIONI

Elettropompe centrifughe di scorrimento monogirante. Adatte per pompare acque pulite o liquidi moderatamente carichi di impurità, purchè non aggressivi per i materiali costruttivi della pompa. Adatte negli impianti di irrigazione nel giardino e in agricoltura a scorrimento e negli impianti industriali.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ghisa                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

## APPLICATION

Centrifugal irrigation pumps with single impeller. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.

## OPERATING CONDITIONS

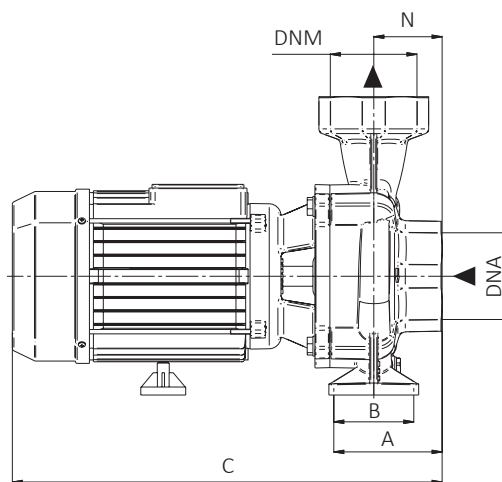
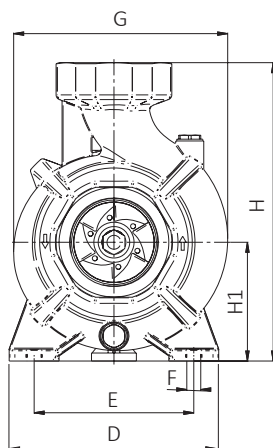
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

## MATERIALS

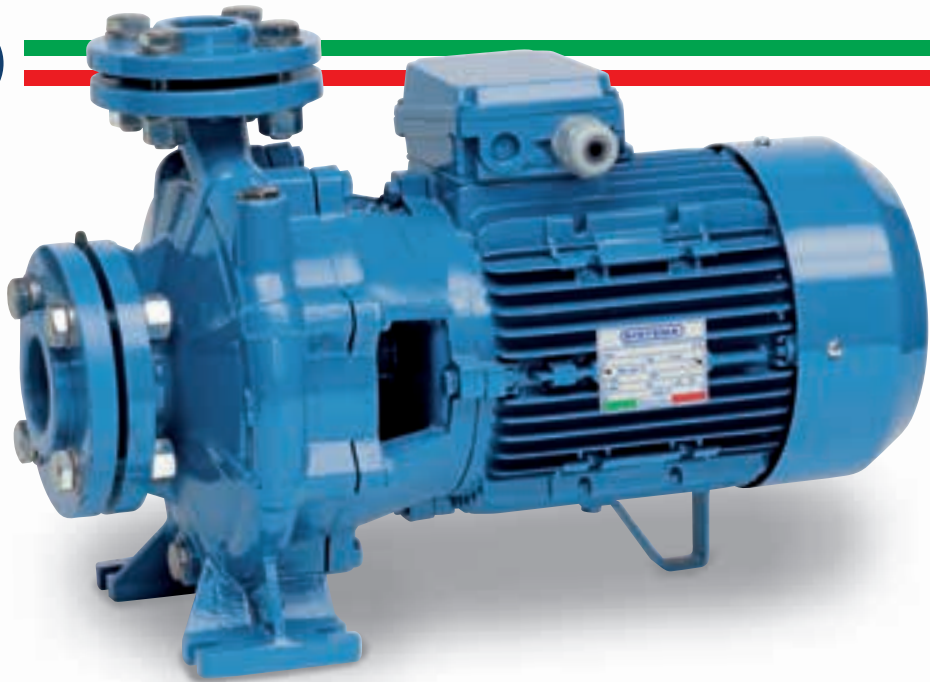
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO- TYPE               |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | N  | DNA | DNM | P                              | L   | H   | Kg             |
| TCB 454/A                | TCBt 454/A             | 97,5                         | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                            | 540 | 421 | 45             |
| TCB 454/B                | TCBt 454/B             | 97,5                         | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                            | 540 | 421 | 45,3           |
| TCB 554/A                | TCBt 554/A             | 97,5                         | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                            | 540 | 421 | 48,7           |
| TCB 554/B                | TCBt 554/B             | 97,5                         | 60 | 495 | 220 | 165 | 14 | 245 | 330 | 132 | 69 | 4"  | 4"  | 269                            | 540 | 421 | 48,9           |

ELETTROPOMPE  
CENTRIFUGHE  
MONOBLOCCO

MONOBLOCK  
CENTRIFUGAL PUMPS



APPLICAZIONI

Elettropompe centrifughe, monoblocco e monogirante con corpo pompa, collegato al motore mediante supporto. Con bocche di aspirazione e di mandata flangiante (PN 10) e controflange del tipo filettato. Queste macchine sono adatte per il pompaggio di acqua pulita e di altri liquidi chimicamente e meccanicamente non aggressivi; la possibilità di installazione in qualunque posizione, fatta eccezione di quella che comporta la bocca aspirante rivolta verso l'alto. Adatta per le più svariate esigenze in campo civile, agricolo, industriale o impiantistico in generale. Approvvigionamenti d'acqua, irrigazioni a pioggia o a scorrimento, alimentazioni autoclavi e sopraelevazioni di pressione, riscaldamento e condizionamento, qualsiasi altro impiego che comporta il travaso di liquidi puliti in genere.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                    |                       |
|--------------------|-----------------------|
| - Corpo pompa      | Ghisa                 |
| - Supporto         | Ghisa                 |
| - Girante          | Ghisa                 |
| - Albero motore    | Acciaio Inox AISI 304 |
| - Tenuta meccanica | Ceramica/Grafite/NBR  |

APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps with pump body, with connection to the motor by means of a support unit. With flanged inlet and delivery openings (PN 10) and threaded counter-flanges. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapt for civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Support          | Cast iron                |
| - Impeller         | Cast iron                |
| - Shaft with rotor | Stainless steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

| TN - 50 HZ - 1 PHASE / 3 PHASE                                      |                        |                                         |     |                                        |                              |                            |                       |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------------------------------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|------------------------------|----------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                       |                            | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-<br>phase | Trifase<br>Three-<br>phase | m³/h                  | 6    | 7,5  | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 33   | 36   |
|                                                                     |                        | HP                                      | kW  | kW                                     |                              |                            | lt/1'                 | 100  | 125  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                         |     |                                        |                              |                            |                       |      |      |      |      |      |      |      |      |      |      |      |      |
| TN 32-160 C                                                         | TNt 32-160 C           | 2                                       | 1,5 | 2,7                                    | 12                           | 4,8                        | H<br>(m)              | 25,5 | 25,3 | 25   | 24   | 23   | 21,5 | 20   | 18   | 15,5 |      |      |      |
| TN 32-160 B                                                         | TNt 32-160 B           | 3                                       | 2,2 | 3,3                                    | 15                           | 5                          |                       | 28,8 | 28,5 | 28   | 27   | 26   | 24,5 | 23   | 21,5 | 18,5 | 15,5 |      |      |
|                                                                     | TNt 32-160 A           | 4                                       | 3   | 4,3                                    |                              | 7                          |                       | 36,5 | 36   | 35,5 | 34,5 | 33   | 31,5 | 30   | 28,5 | 26   | 23,5 |      |      |
| TN 32-200 C                                                         | TNt 32-200 C           | 5,5                                     | 4   | 5,7                                    | 27                           | 8,8                        |                       | 40,7 | 40,5 | 40   | 39,5 | 39   | 38   | 36,5 | 35   | 33   | 31,5 | 29   | 26   |
|                                                                     | TNt 32-200 B           | 7,5                                     | 5,5 | 8,6                                    |                              | 14                         |                       | 55,7 | 55,5 | 55   | 54,5 | 54   | 53   | 51,5 | 50   | 48   | 46,5 | 44,5 | 42,5 |
|                                                                     | TNt 32-200 A           | 10                                      | 7,5 | 9,5                                    |                              | 15                         |                       | 60,7 | 60,5 | 60   | 59,5 | 58,5 | 57   | 55,5 | 54   | 52   | 49,5 | 47,5 | 45   |
|                                                                     | TNt 32-250 C           | 12,5                                    | 9,2 | 12                                     |                              | 19                         |                       |      | 70   | 69,5 | 68,5 | 67,5 | 66   | 64,5 | 62,5 | 59,5 | 56   | 51   | 46   |
|                                                                     | TNt 32-250 B           | 15                                      | 11  | 13,5                                   |                              | 21,5                       |                       |      |      | 81   | 80,5 | 79,5 | 78,5 | 77   | 75,5 | 73,5 | 71   | 67,5 | 63,5 |
|                                                                     | TNt 32-250 A           | 20                                      | 15  | 15,5                                   |                              | 25                         |                       |      |      | 90,5 | 90   | 89,5 | 89   | 87,5 | 86   | 84   | 81,5 | 78   | 74   |
|                                                                     |                        |                                         |     |                                        |                              |                            |                       |      |      |      |      |      |      |      |      |      |      |      | 68,5 |



## TN - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                       |                        | POTENZA<br>NOMINALE<br><i>NOMINAL<br/>POWER</i> |     | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                       |                            | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------------------------------------|------------------------|-------------------------------------------------|-----|------------------------------------------------|------------------------------|----------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Monofase<br>Single-phase                                           | Trifase<br>Three-phase | P2                                              |     | P1                                             | Monofase<br>Single-<br>phase | Trifase<br>Three-<br>phase | m³/h                  | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30   | 33   | 36   | 39   | 42   | 48   | 54   |
|                                                                    |                        | HP                                              | kW  | kW                                             |                              |                            | lt/1'                 | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 800  | 900  |
| Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                        |                                                 |     |                                                |                              |                            |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TN 40-160 B                                                        | TNt 40-160 B           | 4                                               | 3   | 4,8                                            | 22                           | 7,5                        | H<br>(m)              | 32,7 | 32,5 | 32,3 | 32   | 31,5 | 30,5 | 29,5 | 28   | 27   | 25,5 | 23   | 21   |      |      |
| TN 40-160 A                                                        | TNt 40-160 A           | 5,5                                             | 4   | 5,7                                            | 28                           | 8,8                        |                       | 36,2 | 36   | 35,8 | 35,5 | 35   | 34   | 33   | 32   | 31   | 29,5 | 28   | 26   | 22   |      |
|                                                                    | TNt 40-200 B           | 7,5                                             | 5,5 | 8,6                                            |                              | 14                         |                       | 46,5 | 46   | 45,5 | 45   | 44,5 | 43,5 | 42,5 | 41,5 | 40,5 | 39,5 | 38,5 | 37   | 34,5 | 31,5 |
|                                                                    | TNt 40-200 A           | 10                                              | 7,5 | 11,3                                           |                              | 17,5                       |                       | 56   | 55,5 | 55   | 54,5 | 54   | 53   | 52   | 51   | 50   | 49   | 48   | 46,5 | 44   | 40,5 |
|                                                                    | TNt 40-250 B           | 15                                              | 11  | 15,5                                           |                              | 24,5                       |                       | 74   | 73,9 | 73,8 | 73,7 | 73,5 | 73   | 72   | 71   | 70   | 68,5 | 67   | 65,5 | 61,5 | 54   |
|                                                                    | TNt 40-250 A           | 20                                              | 15  | 20                                             |                              | 32                         |                       | 91,5 | 91,4 | 91,3 | 91,2 | 91   | 90,5 | 90   | 89   | 88   | 87   | 85,5 | 83,5 | 79,5 | 73   |

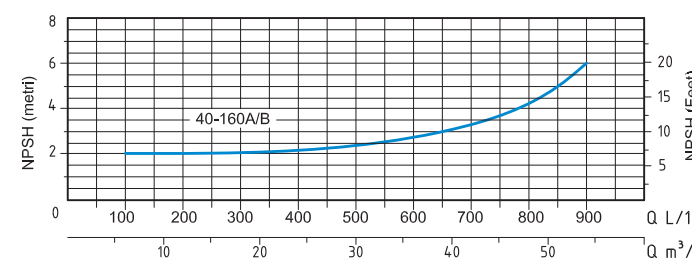
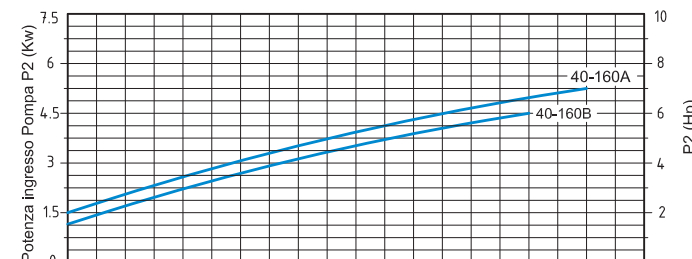
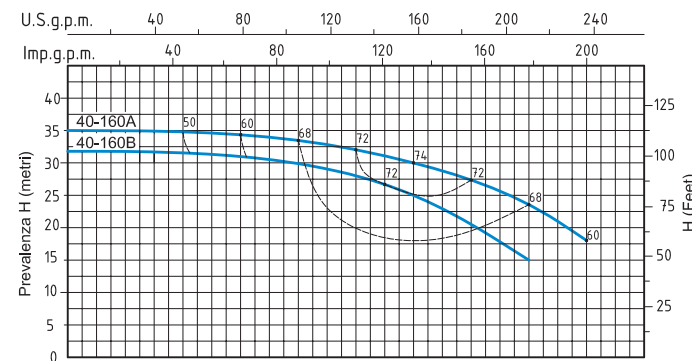
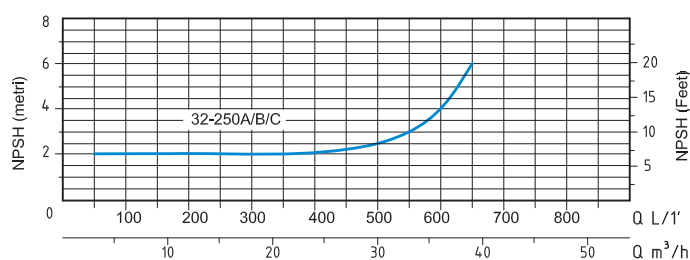
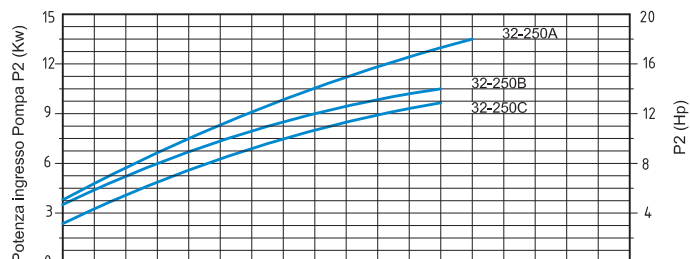
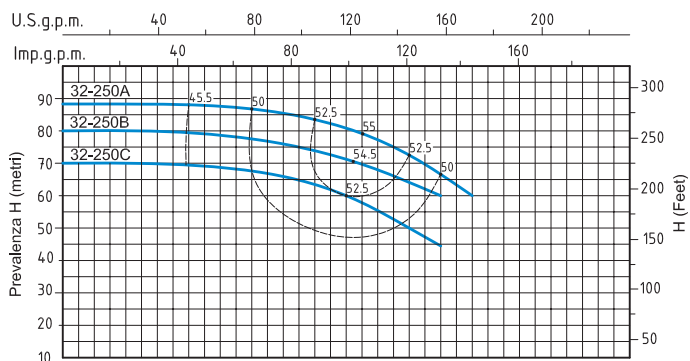
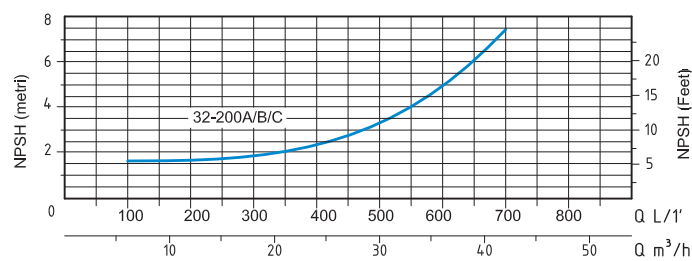
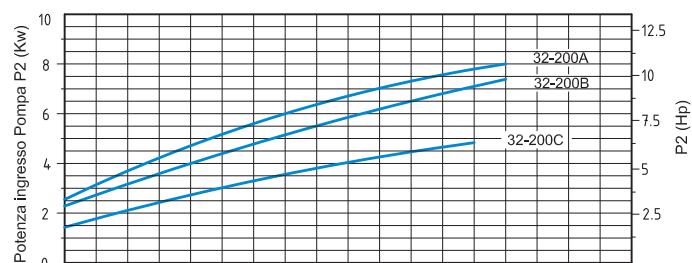
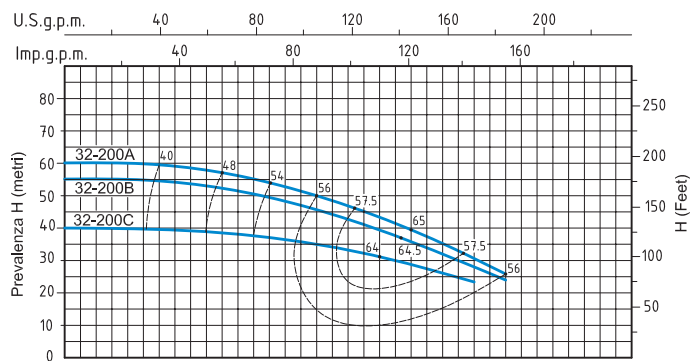
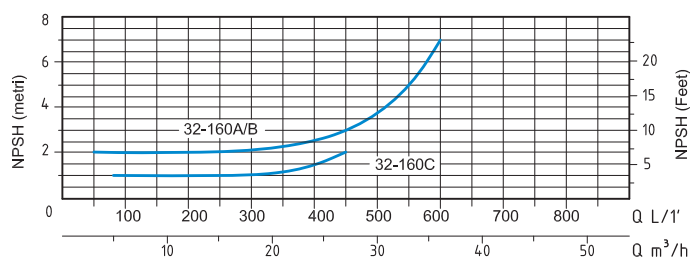
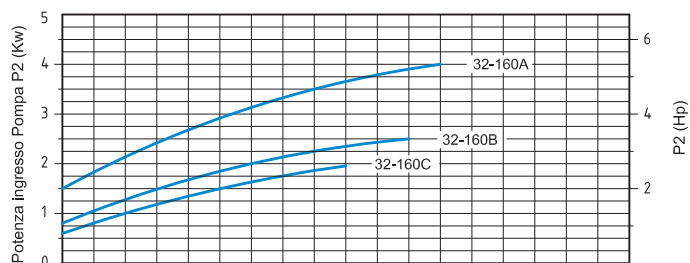
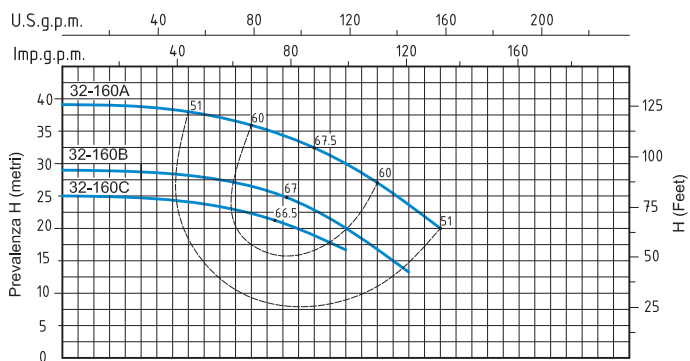
| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                       |                            | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|------------------------|---------------------------------------------------------------------|------|----------------------------------------|------------------------------|----------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Monofase<br>Single-<br>phase | Trifase<br>Three-<br>phase | m³/h                  | 21   | 24   | 27   | 30   | 33   | 36   | 39   | 42   | 48   | 54   | 60   | 66   | 72   | 78   |
|                          |                        | HP                                                                  | kW   | kW                                     |                              |                            | lt/1'                 | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                              |                            |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| TN 50-160 D              | TNT 50-160 D           | 4                                                                   | 3    | 4,8                                    | 22                           | 7,5                        | H<br>(m)              | 25   | 24,5 | 24   | 23,5 | 22,8 | 22   | 21,3 | 20,5 | 19   | 17   | 15   | 13   | 10   |      |
| TN 50-160 C              | TNT 50-160 C           | 5,5                                                                 | 4    | 5,7                                    | 27                           | 8,8                        |                       | 29,5 | 29,2 | 28,8 | 28,3 | 27,8 | 27,1 | 26,4 | 25,6 | 24   | 22,5 | 20,5 | 18   | 15,5 |      |
|                          | TNT 50-160 B           | 7,5                                                                 | 5,5  | 8,2                                    |                              | 13,2                       |                       | 37   | 36,8 | 36,5 | 36   | 35,5 | 35   | 34,5 | 34   | 32   | 30,5 | 28,5 | 26   | 23,5 | 20,5 |
|                          | TNT 50-160 A           | 10                                                                  | 7,5  | 9,5                                    |                              | 15                         |                       | 40   | 39,8 | 39,5 | 39   | 38,5 | 38   | 37,5 | 37   | 35   | 33,5 | 31,5 | 29   | 26,5 | 23   |
|                          | TNT 50-200 C           | 12,5                                                                | 9,2  | 12                                     |                              | 19                         |                       | 48,7 | 48,5 | 48,2 | 47,8 | 47,5 | 47   | 46,5 | 45   | 43,5 | 42   | 39,5 | 37   | 33   |      |
|                          | TNT 50-200 B           | 15                                                                  | 11   | 13,5                                   |                              | 21,5                       |                       | 52,7 | 52,5 | 52,2 | 51,7 | 51,2 | 50,7 | 50,2 | 49,2 | 48   | 46   | 43,5 | 41   | 38   |      |
|                          | TNT 50-200 A           | 20                                                                  | 15   | 18                                     |                              | 29                         |                       | 64,5 | 64   | 63,5 | 63   | 62,5 | 62   | 61,5 | 60,5 | 59,5 | 58   | 56,5 | 54,5 | 51,5 |      |
|                          | TNT 50-250 C           | 20                                                                  | 15   | 20                                     |                              | 32                         |                       |      |      | 71,3 | 71   | 70,5 | 70   | 69,5 | 68,5 | 67   | 65   | 63   | 61   | 58   | 54   |
|                          | TNT 50-250 B           | 25                                                                  | 18,5 | 23                                     |                              | 36,5                       |                       |      |      | 80,8 | 80,5 | 80   | 79,5 | 79   | 78,5 | 77   | 75   | 73   | 70,5 | 68   | 65   |
|                          | TNT 50-250 A           | 30                                                                  | 22,5 | 27                                     |                              | 43                         |                       |      |      | 90   | 89,7 | 89,3 | 89   | 88,5 | 88   | 86,5 | 85   | 83   | 81   | 79   | 71   |

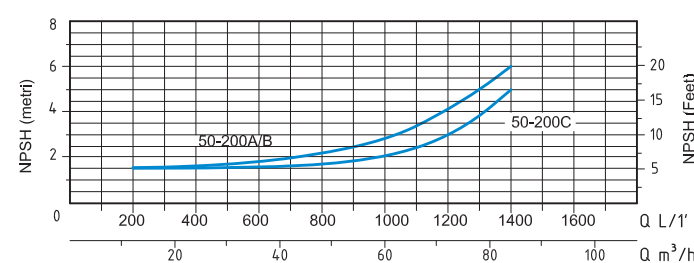
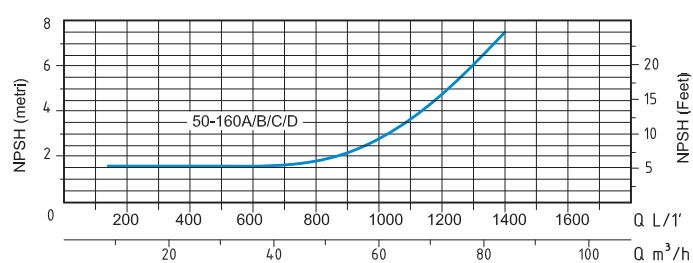
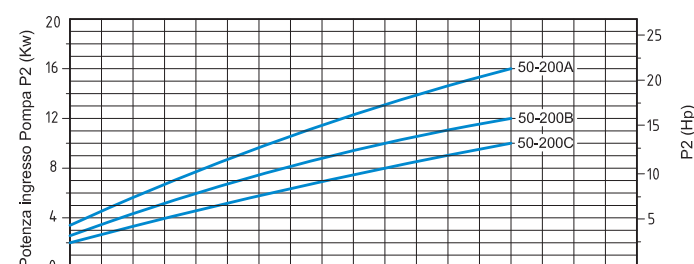
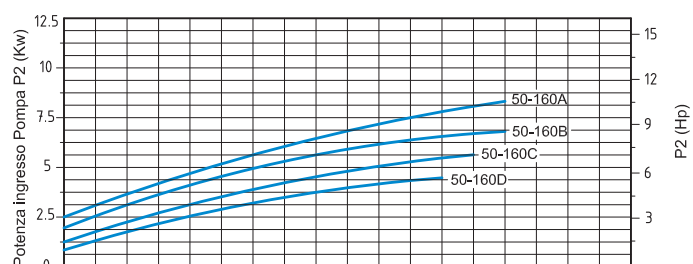
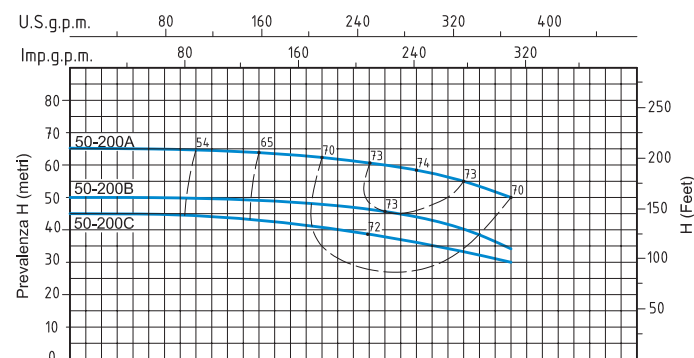
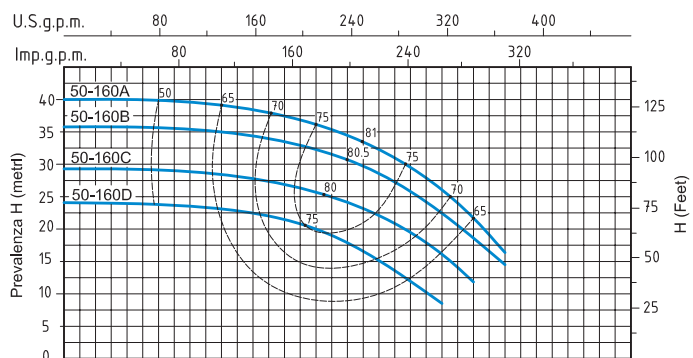
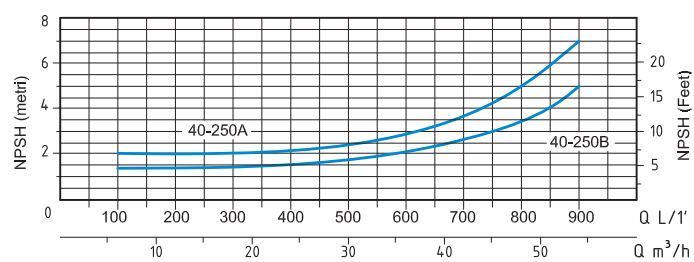
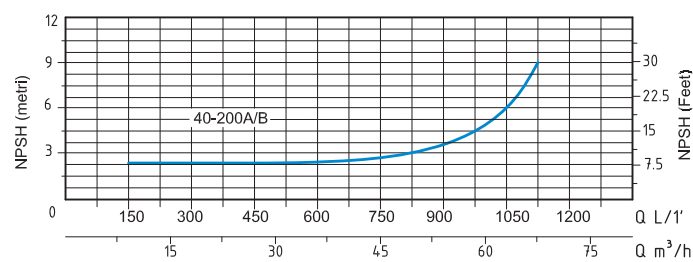
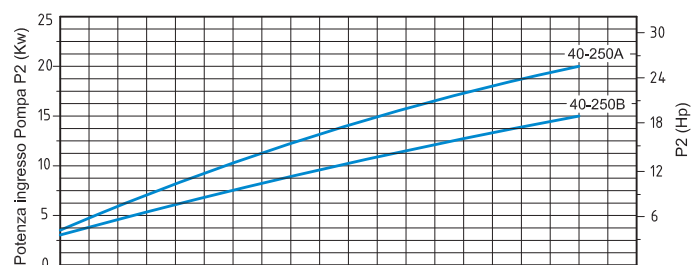
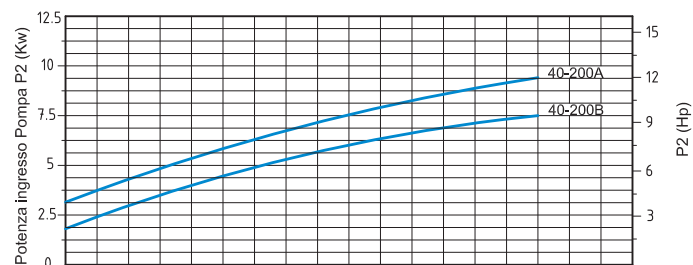
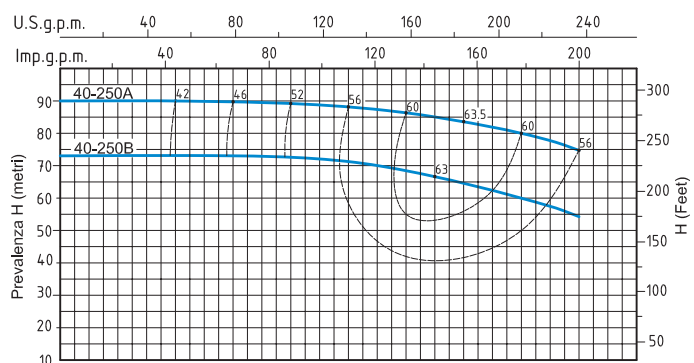
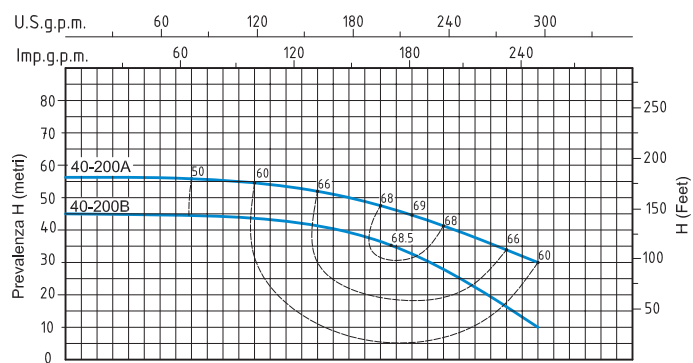
## TN - 50 HZ - 3 PHASE

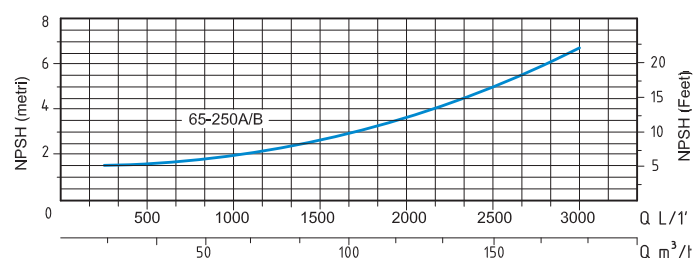
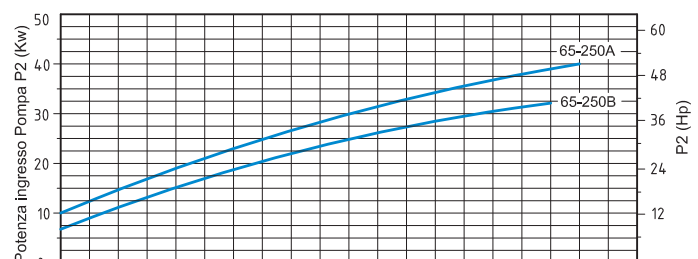
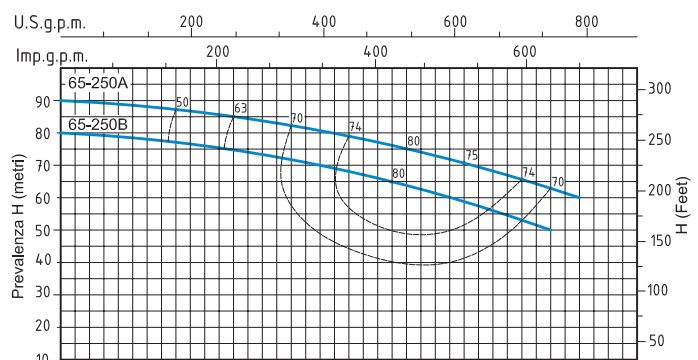
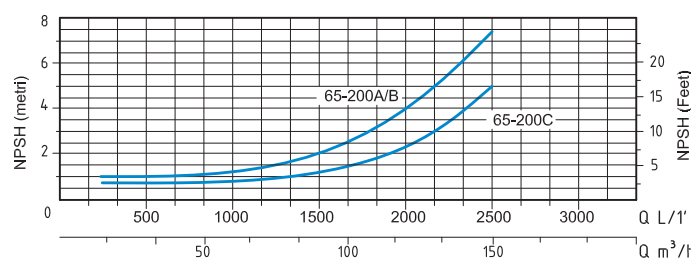
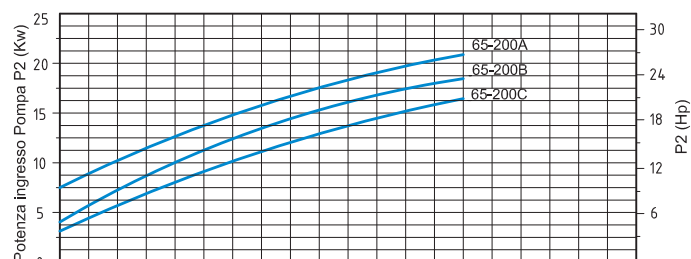
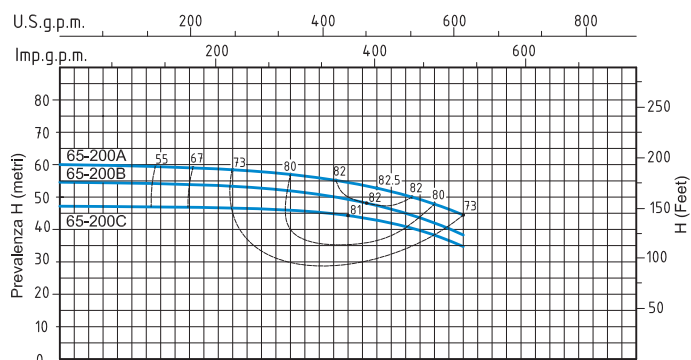
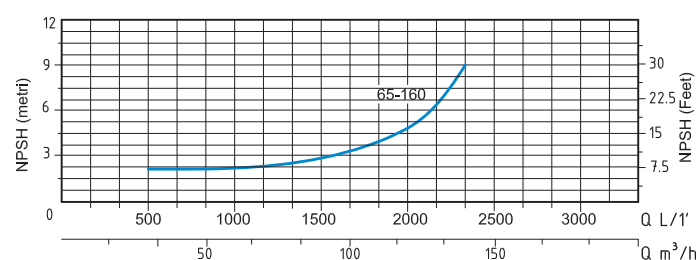
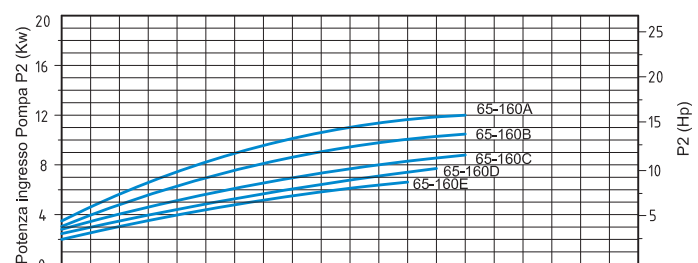
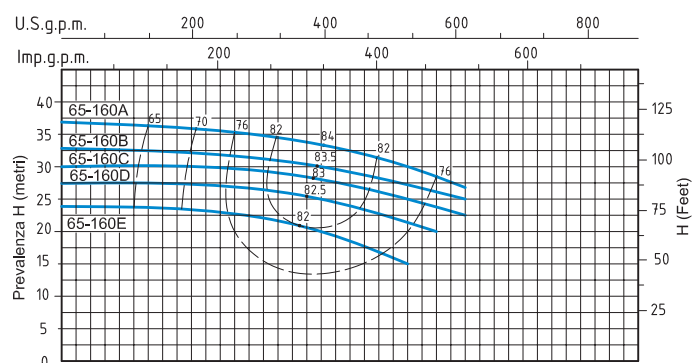
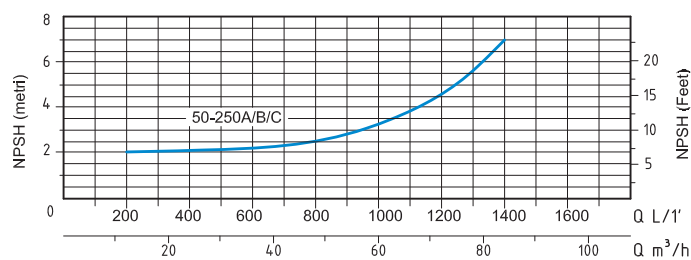
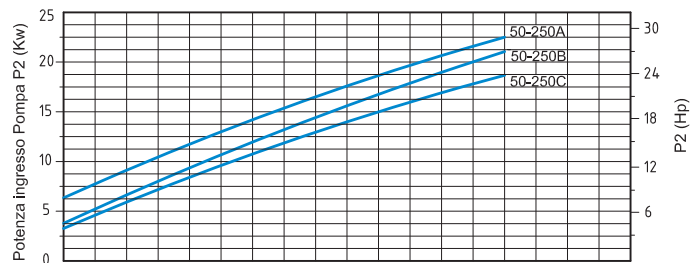
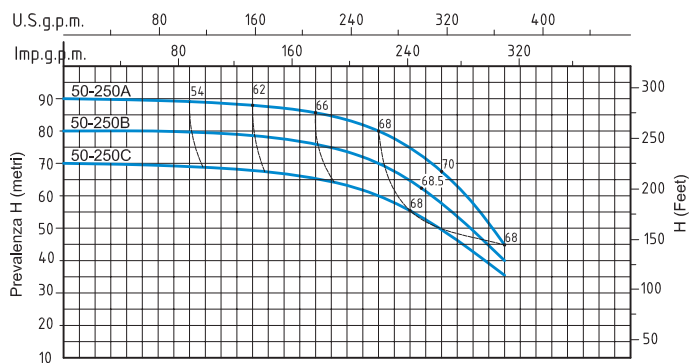
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL POWER                               |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
|------------------------|--------------------------------------------------------------------|------|----------------------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--|
| Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Trifase<br>Three-phase | m³/h                  | 42   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 96   | 108  | 120  | 132  | 144  | 156  |    |  |
|                        | HP                                                                 | kW   | kW                                     |                        | lt/1'                 | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 |    |  |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                        |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| TNt 65-160 E           | 7,5                                                                | 5,5  | 8                                      | 13                     | H<br>(m)              | 24,5 | 24,2 | 24   | 23,5 | 23   | 22,5 | 21,5 | 20,5 | 18,5 | 16   | 12,5 |      |      |      |    |  |
| TNt 65-160 D           | 10                                                                 | 7,5  | 10                                     | 16                     |                       | 28,5 | 28,2 | 28   | 27,5 | 27   | 26,5 | 25,8 | 25   | 23   | 21   | 18   | 14   |      |      |    |  |
| TNt 65-160 C           | 12,5                                                               | 9,2  | 11,5                                   | 18,5                   |                       | 32   | 31,7 | 31,5 | 31,2 | 30,7 | 30,2 | 29,7 | 29   | 27   | 25   | 22   | 19   | 16   |      |    |  |
| TNt 65-160 B           | 15                                                                 | 11   | 13,5                                   | 21,5                   |                       | 35,5 | 35   | 34,8 | 34,5 | 34   | 33,5 | 33   | 32,5 | 31   | 29   | 26,5 | 24   | 20   |      |    |  |
| TNt 65-160 A           | 20                                                                 | 15   | 16                                     | 26                     |                       | 40   | 39,5 | 39   | 38,5 | 38   | 37,5 | 37   | 36,5 | 35,5 | 33,5 | 31   | 28,5 | 26   |      |    |  |
| TNt 65-200 C           | 20                                                                 | 15   | 20                                     | 32                     |                       |      | 48,5 | 48   | 47,5 | 47   | 46,2 | 45,5 | 44,5 | 42,5 | 40,5 | 38   | 34,5 | 31   |      |    |  |
| TNt 65-200 B           | 25                                                                 | 18,5 | 23                                     | 36,5                   |                       |      | 52,5 | 52   | 51,5 | 51   | 50,5 | 50   | 49   | 47   | 45   | 43   | 40   | 36   |      |    |  |
| TNt 65-200 A           | 30                                                                 | 22,5 | 27                                     | 43                     |                       |      | 60,5 | 60   | 59,5 | 59   | 58,5 | 58   | 57,5 | 56   | 54,5 | 52,5 | 49,5 | 45,5 |      |    |  |
| TNt 65-250 B           | 40                                                                 | 30   | 37                                     | 58                     |                       |      | 79   | 78,5 | 78   | 77   | 76   | 75   | 74   | 72   | 69   | 66   | 63   | 58   |      |    |  |
| TNt 65-250 A           | 50                                                                 | 37   | 46                                     | 72                     |                       |      |      | 89,5 | 89   | 88,5 | 87,5 | 86,5 | 85,5 | 84   | 82,5 | 80   | 77   | 74   | 70   | 66 |  |

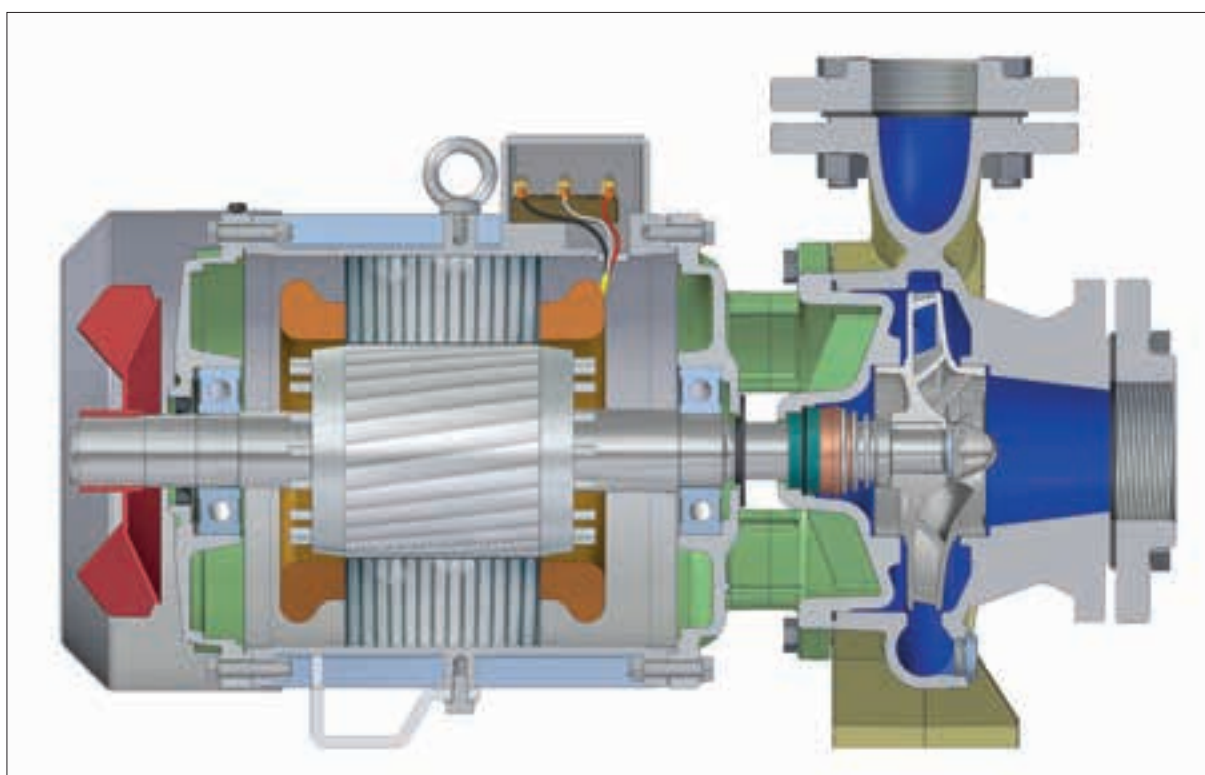
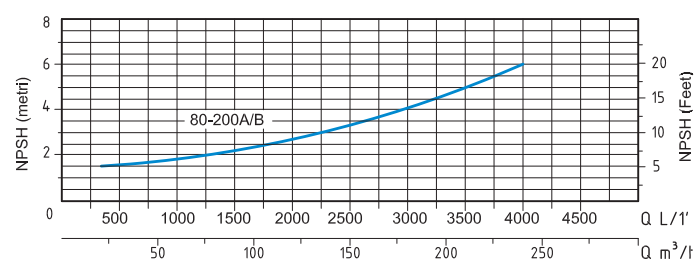
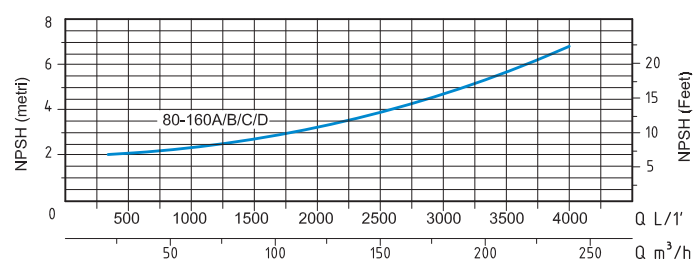
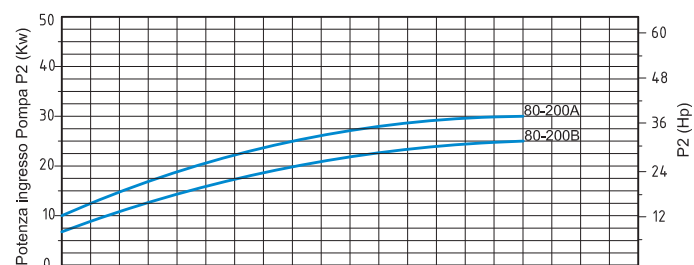
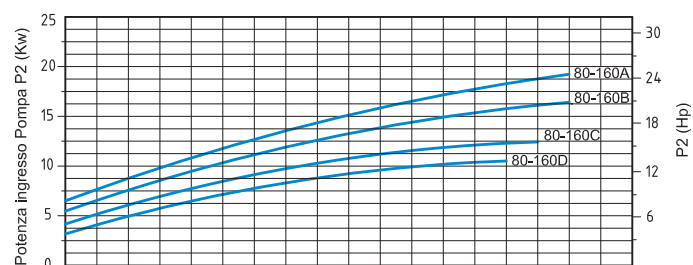
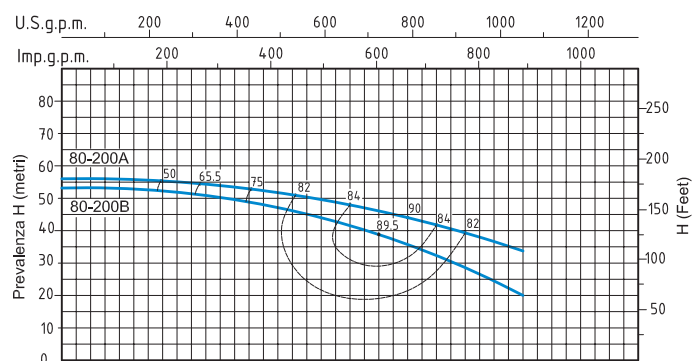
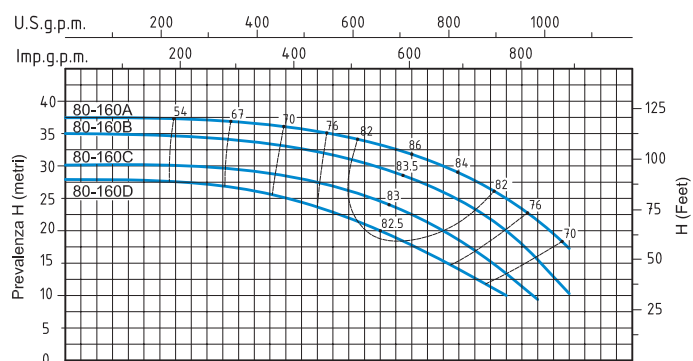
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                                                                                                                                                                                                                                          | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|------------------------|--------------------------------------------------------------------|------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Trifase<br>Three-phase                                                                                                                                                                                                                          | m³/h                  | 66   | 72   | 78   | 84   | 96   | 108  | 120  | 132  | 144  | 156  | 168  | 180  | 195  | 210  | 225  | 240  |  |  |
|                        | HP                                                                 | kW   | kW                                     |                                                                                                                                                                                                                                                 | lt/1'                 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 |  |  |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                                                                                                                                                                                                                                                 |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|                        |                                                                    |      |                                        |                                                                                                                                                                                                                                                 |                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
| TNt 80-160 D           | 15                                                                 | 11   | 12,5                                   | 20,5 <th rowspan="6">H<br/>(m)</th> <td>27,5</td> <td>27,4</td> <td>27,3</td> <td>27,1</td> <td>26,4</td> <td>25,2</td> <td>24</td> <td>22,5</td> <td>21</td> <td>19,2</td> <td>17,4</td> <td>15,5</td> <td></td> <td></td> <td></td> <td></td> | H<br>(m)              | 27,5 | 27,4 | 27,3 | 27,1 | 26,4 | 25,2 | 24   | 22,5 | 21   | 19,2 | 17,4 | 15,5 |      |      |      |      |  |  |
| TNt 80-160 C           | 20                                                                 | 15   | 15                                     | 24                                                                                                                                                                                                                                              |                       | 30,6 | 30,5 | 30,4 | 30,2 | 29,6 | 28,7 | 27,5 | 26,2 | 24,8 | 23,2 | 21,5 | 19,6 | 17   |      |      |      |  |  |
| TNt 80-160 B           | 25                                                                 | 18,5 | 18,5                                   | 30                                                                                                                                                                                                                                              |                       | 35   | 34,9 | 34,8 | 34,6 | 34,1 | 33,4 | 32,5 | 31,3 | 30,2 | 28,7 | 27   | 25,3 | 22,8 | 20   |      |      |  |  |
| TNt 80-160 A           | 30                                                                 | 22,5 | 22                                     | 35                                                                                                                                                                                                                                              |                       | 38,6 | 38,5 | 38,2 | 38   | 37,7 | 37   | 36,3 | 35,3 | 34,2 | 33   | 31,6 | 30   | 27,8 | 25   | 22   |      |  |  |
| TNt 80-200 B           | 40                                                                 | 30   | 33,5                                   | 54                                                                                                                                                                                                                                              |                       | 54,1 | 54   | 53,8 | 53,6 | 53,1 | 52,2 | 51,3 | 50,4 | 49,2 | 47,7 | 46,2 | 44,2 | 41,2 | 38   | 33,6 | 28,5 |  |  |
| TNt 80-200 A           | 50                                                                 | 37   | 39                                     | 62                                                                                                                                                                                                                                              |                       | 58,8 | 58,7 | 58,5 | 58,3 | 57,8 | 57,2 | 56,3 | 55,4 | 54,2 | 53   | 51,5 | 50   | 48   | 45   | 42   | 39   |  |  |

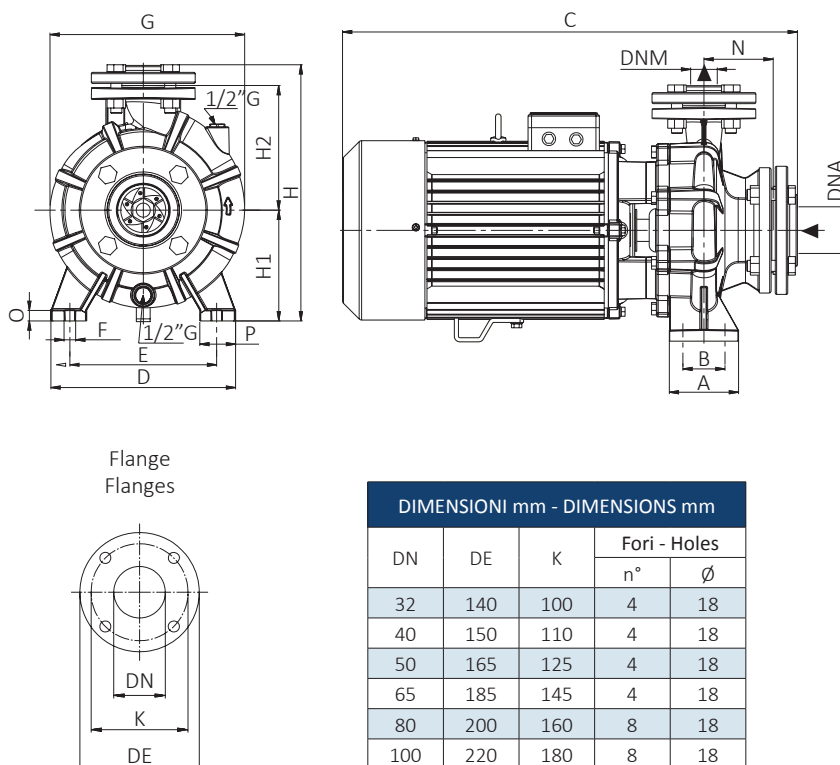












#### TN - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |      |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|------|----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O    | P  | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| TN 32-160 C              | TNt 32-160 C           | 100                          | 70 | 480 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50  | 32  | 270                                                                                                                  | 540 | 430 | 39,4           |
| TN 32-160 B              | TNt 32-160 B           | 100                          | 70 | 480 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50  | 32  | 270                                                                                                                  | 540 | 430 | 43,5           |
|                          | TNt 32-160 A           | 100                          | 70 | 510 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 13,5 | 50 | 50  | 32  | 270                                                                                                                  | 540 | 430 | 48,1           |
| TN 32-200 C              | TNt 32-200 C           | 100                          | 70 | 530 | 240 | 190 | 15 | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50  | 32  | 317                                                                                                                  | 680 | 495 | 58,6           |
|                          | TNt 32-200 B           | 100                          | 70 | 630 | 240 | 190 | 15 | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50  | 32  | 317                                                                                                                  | 680 | 495 | 72,3           |
|                          | TNt 32-200 A           | 100                          | 70 | 630 | 240 | 190 | 15 | 273 | 370 | 160 | 180 | 80  | 15   | 50 | 50  | 32  | 317                                                                                                                  | 680 | 495 | 76,4           |
|                          | TNt 32-250 C           | 125                          | 95 | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50  | 32  | 372                                                                                                                  | 805 | 550 | 129            |
|                          | TNt 32-250 B           | 125                          | 95 | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50  | 32  | 372                                                                                                                  | 805 | 550 | 129,5          |
|                          | TNt 32-250 A           | 125                          | 95 | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18   | 65 | 50  | 32  | 372                                                                                                                  | 805 | 550 | 139,5          |

#### TN - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| TN 40-160 B              | TNt 40-160 B           | 100                          | 70 | 550 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 15 | 50 | 65  | 40  | 290                                                                                                                  | 570 | 420 | 57,9           |
| TN 40-160 A              | TNt 40-160 A           | 100                          | 70 | 550 | 240 | 190 | 15 | 240 | 322 | 132 | 160 | 80  | 15 | 50 | 65  | 40  | 290                                                                                                                  | 570 | 420 | 60,7           |
|                          | TNt 40-200 B           | 100                          | 70 | 640 | 265 | 212 | 15 | 281 | 370 | 160 | 180 | 100 | 15 | 50 | 65  | 40  | 317                                                                                                                  | 680 | 495 | 75,8           |
|                          | TNt 40-200 A           | 100                          | 70 | 640 | 265 | 212 | 15 | 281 | 370 | 160 | 180 | 100 | 15 | 50 | 65  | 40  | 317                                                                                                                  | 680 | 495 | 79,6           |
|                          | TNt 40-250 B           | 125                          | 95 | 745 | 320 | 250 | 15 | 335 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 40  | 372                                                                                                                  | 805 | 550 | 130,1          |
|                          | TNt 40-250 A           | 125                          | 95 | 745 | 320 | 250 | 15 | 335 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 40  | 372                                                                                                                  | 805 | 550 | 140,1          |

## TN - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|--------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                                                                                                                  | L   | H   | Kg             |
| TN 50-160 D              | TNt 50-160 D           | 100                          | 70 | 570 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 62,1           |
| TN 50-160 C              | TNt 50-160 C           | 100                          | 70 | 570 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 65             |
|                          | TNt 50-160 B           | 100                          | 70 | 650 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 74,8           |
|                          | TNt 50-160 A           | 100                          | 70 | 650 | 265 | 212 | 15 | 268 | 372 | 160 | 180 | 100 | 15 | 50 | 65  | 50  | 317                                                                                                                | 680 | 495 | 79,1           |
|                          | TNt 50-200 C           | 100                          | 70 | 745 | 265 | 212 | 15 | 285 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50  | 372                                                                                                                | 805 | 550 | 123,1          |
|                          | TNt 50-200 B           | 100                          | 70 | 745 | 265 | 212 | 15 | 285 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50  | 372                                                                                                                | 805 | 550 | 125            |
|                          | TNt 50-200 A           | 100                          | 70 | 745 | 265 | 212 | 15 | 285 | 425 | 160 | 200 | 100 | 18 | 50 | 65  | 50  | 372                                                                                                                | 805 | 550 | 132,1          |
|                          | TNt 50-250 C           | 125                          | 95 | 750 | 320 | 250 | 15 | 340 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 50  | 395                                                                                                                | 865 | 561 | 142,2          |
|                          | TNt 50-250 B           | 125                          | 95 | 795 | 320 | 250 | 15 | 340 | 435 | 180 | 225 | 100 | 18 | 65 | 65  | 50  | 395                                                                                                                | 865 | 561 | 155,4          |
|                          | TNt 50-250 A           | 125                          | 95 | 825 | 320 | 250 | 15 | 360 | 455 | 180 | 225 | 100 | 18 | 65 | 65  | 50  | 395                                                                                                                | 865 | 561 | 210,5          |

## TN - 50 HZ - 3 PHASE

| TIPO<br>TYPE         |  | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|----------------------|--|------------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Trifase- Three-phase |  | A                            | B   | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| TNt 65-160 E         |  | 125                          | 95  | 610 | 280 | 212 | 15 | 295 | 395 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 317                                                                                                                  | 680 | 495 | 82,2           |
| TNt 65-160 D         |  | 125                          | 95  | 610 | 280 | 212 | 15 | 295 | 395 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 317                                                                                                                  | 680 | 495 | 85,6           |
| TNt 65-160 C         |  | 125                          | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 372                                                                                                                  | 805 | 550 | 125,2          |
| TNt 65-160 B         |  | 125                          | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 372                                                                                                                  | 805 | 550 | 125,5          |
| TNt 65-160 A         |  | 125                          | 95  | 750 | 280 | 212 | 15 | 340 | 425 | 160 | 200 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 137,2          |
| TNt 65-200 C         |  | 125                          | 95  | 745 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 141,5          |
| TNt 65-200 B         |  | 125                          | 95  | 790 | 320 | 250 | 15 | 335 | 445 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 156,5          |
| TNt 65-200 A         |  | 125                          | 95  | 825 | 320 | 250 | 15 | 360 | 455 | 180 | 225 | 100 | 18 | 65 | 80  | 65  | 395                                                                                                                  | 865 | 561 | 215,5          |
| TNt 65-250 B         |  | 160                          | 120 | 825 | 360 | 280 | 18 | 370 | 485 | 200 | 250 | 100 | 18 | 85 | 80  | 65  | 395                                                                                                                  | 935 | 580 | 250,1          |
| TNt 65-250 A         |  | 160                          | 120 | 825 | 360 | 280 | 18 | 370 | 485 | 200 | 250 | 100 | 18 | 85 | 80  | 65  | 395                                                                                                                  | 935 | 580 | 258,2          |

## TN - 50 HZ - 3 PHASE

| TIPO<br>TYPE           |  | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |    |     |     |     |     |     |    |    |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|------------------------|--|------------------------------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Trifase<br>Three-phase |  | A                            | B  | C   | D   | E   | F  | G   | H   | H1  | H2  | N   | O  | P  | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| TNt 80-160 D           |  | 125                          | 95 | 790 | 320 | 250 | 15 | 350 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 865 | 561 | 139,2          |
| TNt 80-160 C           |  | 125                          | 95 | 790 | 320 | 250 | 15 | 350 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 865 | 561 | 148,5          |
| TNt 80-160 B           |  | 125                          | 95 | 835 | 320 | 250 | 15 | 350 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 865 | 561 | 161,2          |
| TNt 80-160 A           |  | 125                          | 95 | 870 | 320 | 250 | 15 | 360 | 445 | 180 | 225 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 935 | 580 | 219,1          |
| TNt 80-200 B           |  | 125                          | 95 | 900 | 345 | 280 | 15 | 360 | 470 | 180 | 250 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 935 | 580 | 247,2          |
| TNt 80-200 A           |  | 125                          | 95 | 900 | 345 | 280 | 15 | 360 | 470 | 180 | 250 | 125 | 18 | 65 | 100 | 80  | 395                                                                                                                  | 935 | 580 | 258,5          |





### TNX - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br><i>NOMINAL<br/>POWER</i>                     |     | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                 | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |     |      |      |
|------------------------|---------------------------------------------------------------------|-----|------------------------------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|-----|------|------|
| Trifase<br>Three-phase | P2                                                                  |     | P1                                             | Trifase<br>Three-phase | m³/h                  | 6    | 12   | 18   | 24   | 30   | 36   | 42   | 48   | 54  | 60   | 66   |
|                        | HP                                                                  | kW  | kW                                             |                        | lt/1'                 | 100  | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900 | 1000 | 1100 |
|                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                                |                        |                       |      |      |      |      |      |      |      |      |     |      |      |
| TNXt 40-125/2,2        | 3                                                                   | 2,2 | 2,8                                            | 5,1                    | H<br>(m)              | 21,5 | 21,1 | 20,5 | 19,5 | 18   | 16   |      |      |     |      |      |
| TNXt 40-125/3          | 4                                                                   | 3   | 3,7                                            | 6                      |                       | 26,5 | 26,1 | 25,5 | 24,5 | 23,5 | 22   | 20   |      |     |      |      |
| TNXt 40-160/4          | 5,5                                                                 | 4   | 5,4                                            | 8,5                    |                       | 32   | 31   | 30   | 28,8 | 28   | 27   | 26   | 23   |     |      |      |
| TNXt 40-200/5,5        | 7,5                                                                 | 5,5 | 7,7                                            | 12,4                   |                       | 43   | 42,5 | 41,8 | 41   | 40   | 39   | 37,8 | 36,5 | 35  |      |      |
| TNXt 40-200/7,5        | 10                                                                  | 7,5 | 10,5                                           | 16,5                   |                       | 53,5 | 52,8 | 52,1 | 51,5 | 50,5 | 49,5 | 48,5 | 47   | 45  | 43   |      |
| TNXt 40-200/11         | 15                                                                  | 11  | 15                                             | 23,6                   |                       | 65   | 64,8 | 64,6 | 64,4 | 63,5 | 62,5 | 61   | 59   | 57  | 55   | 53   |

### TNX - 50 HZ - 3 PHASE

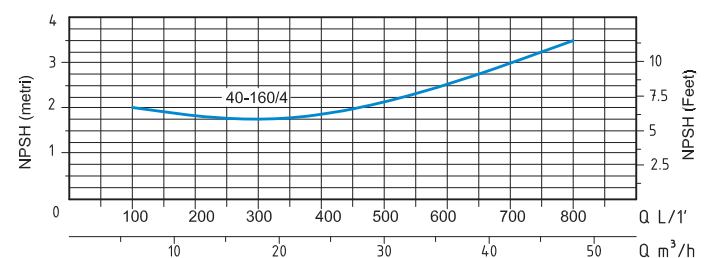
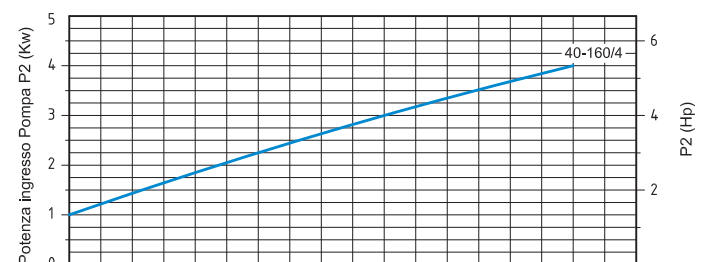
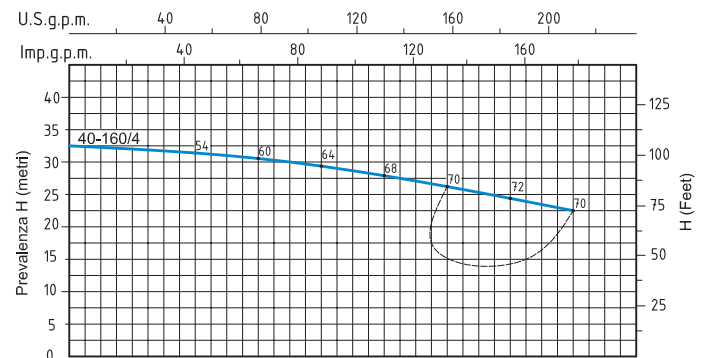
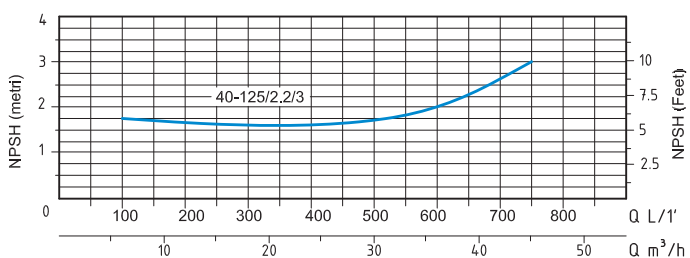
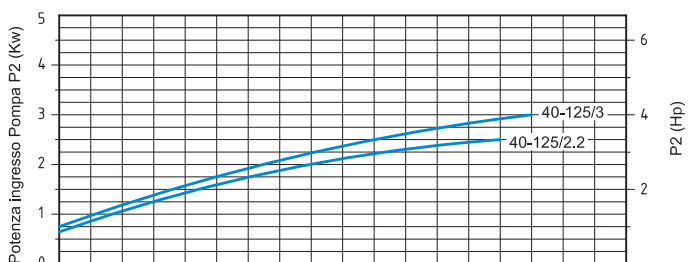
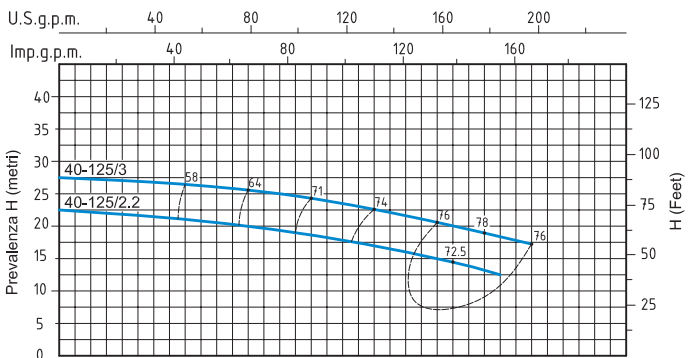
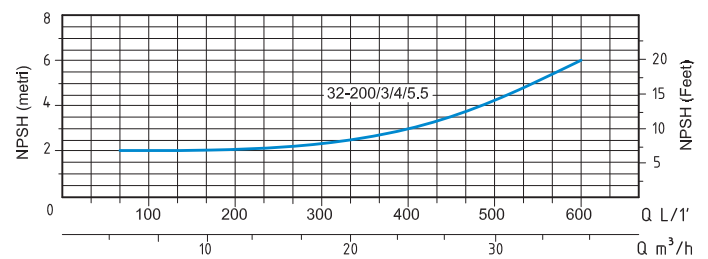
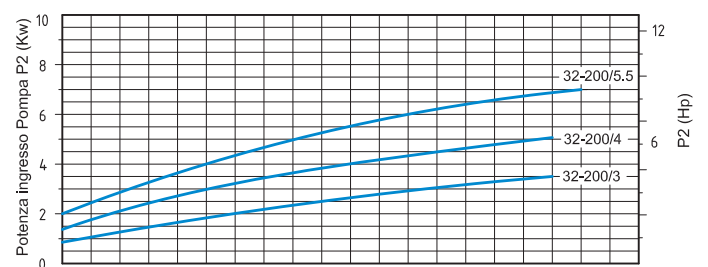
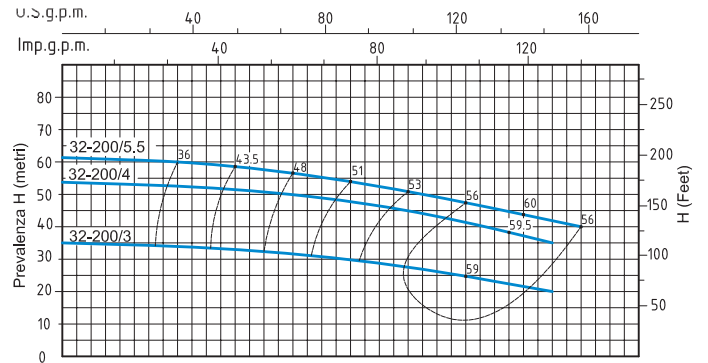
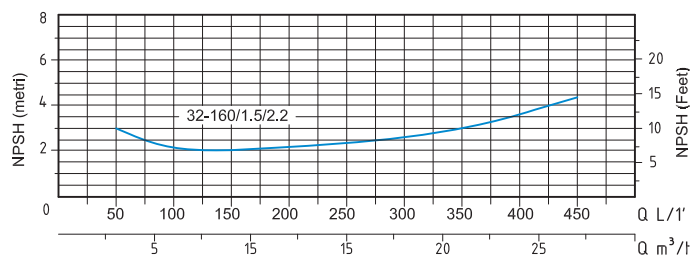
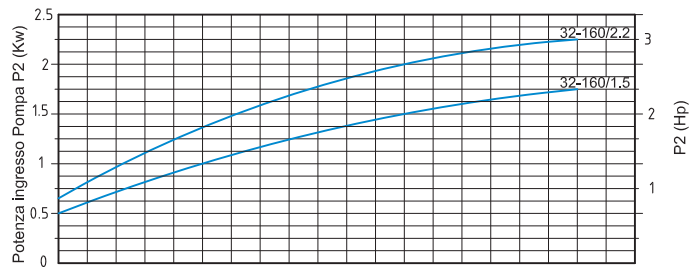
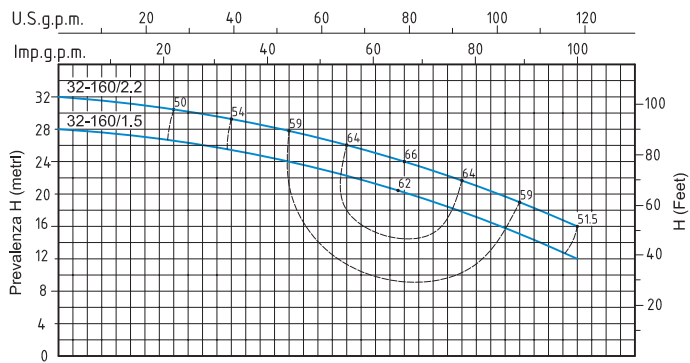
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |      |
|------------------------|---------------------------------------------------------------------|------|----------------------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|
| Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Trifase<br>Three-phase | m³/h                  | 6    | 12   | 18   | 30   | 36   | 42   | 54   | 60   | 66   | 72   | 78   |
|                        | HP                                                                  | kW   | kW                                     |                        | lt/1'                 | 100  | 200  | 300  | 500  | 600  | 700  | 900  | 1000 | 1100 | 1200 | 1300 |
|                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                        |                       |      |      |      |      |      |      |      |      |      |      |      |
| TNXt 50-125/4          | 5,5                                                                 | 4    | 4,8                                    | 7,5                    | H<br>(m)              | 27   | 26,8 | 26,6 | 25,5 | 24,5 | 23,5 | 21   | 19   | 17   |      |      |
| TNXt 50-200/7,5        | 10                                                                  | 7,5  | 8,8                                    | 14,2                   |                       | 40,5 | 40,4 | 40,2 | 39,3 | 38,5 | 37   | 34   | 32,5 | 31   | 29   |      |
| TNXt 50-200/11         | 15                                                                  | 11   | 14                                     | 22,2                   |                       | 55   | 54,8 | 54,6 | 53,8 | 52,8 | 51,5 | 48,5 | 47   | 44   | 38   |      |
| TNXt 50-200/15         | 20                                                                  | 15   | 17                                     | 27                     |                       |      | 62   | 61,8 | 61,5 | 61,2 | 60,4 | 58   | 56,5 | 53   | 50   |      |
| TNXt 50-200/18,5       | 25                                                                  | 18,5 | 21                                     | 33                     |                       |      | 70,5 | 70,3 | 70   | 69,8 | 69   | 67   | 65,5 | 64   | 62   | 60   |

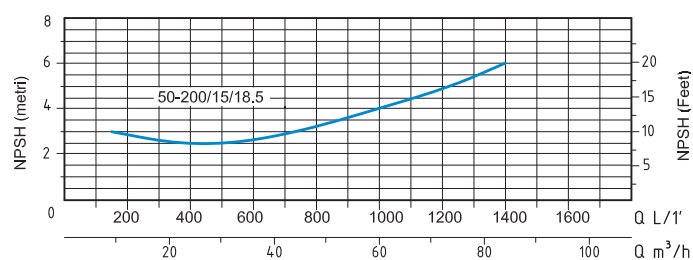
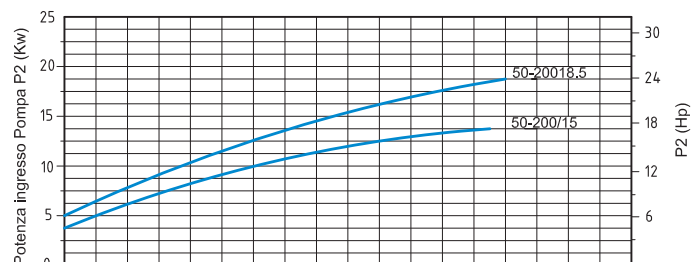
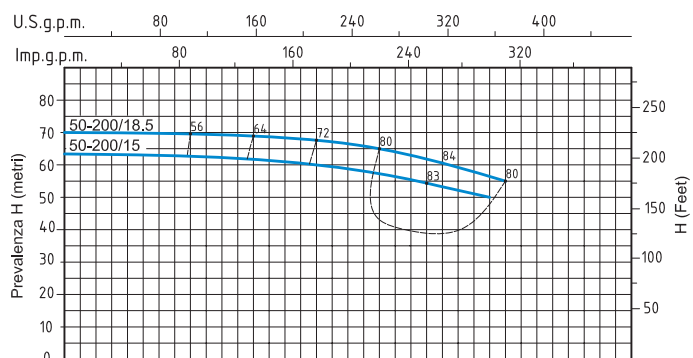
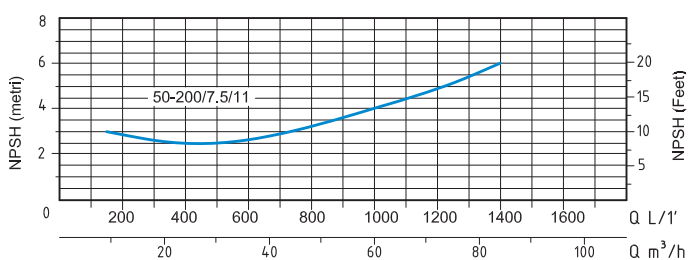
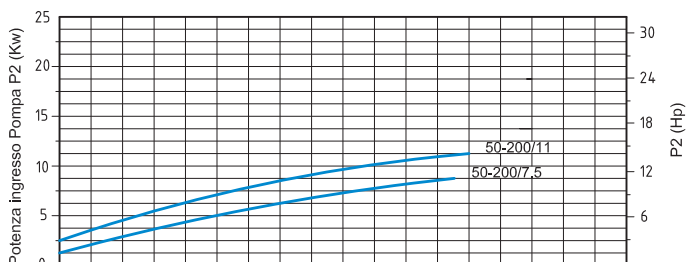
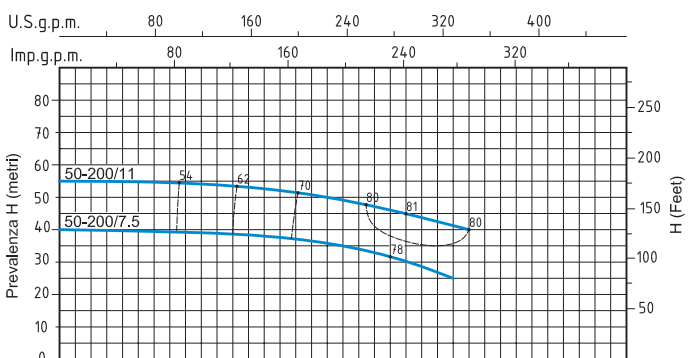
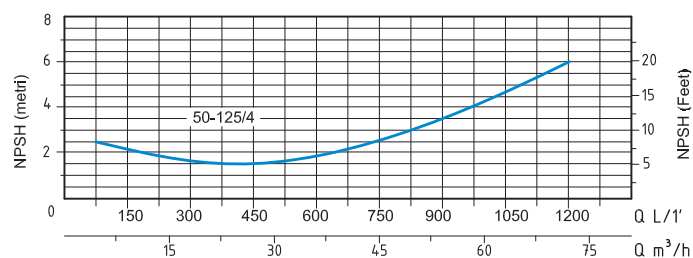
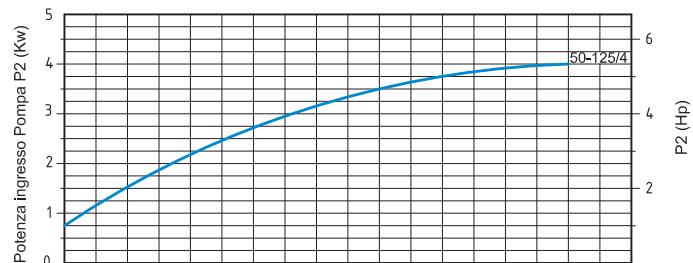
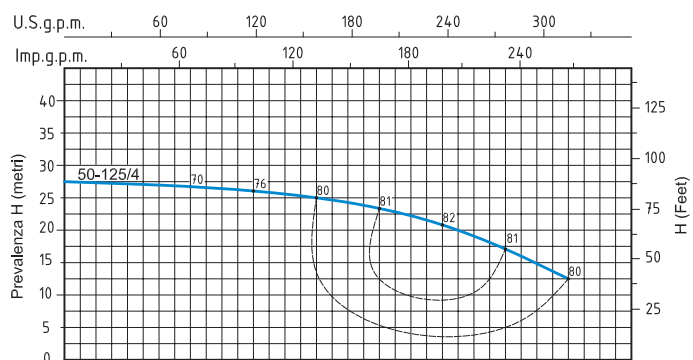
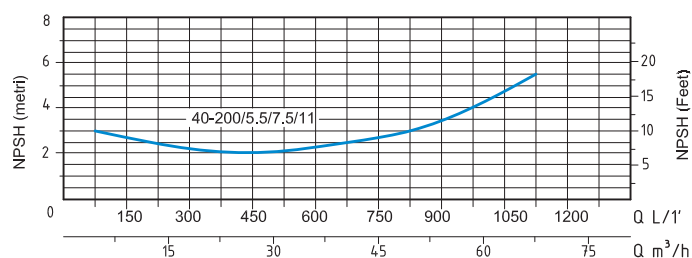
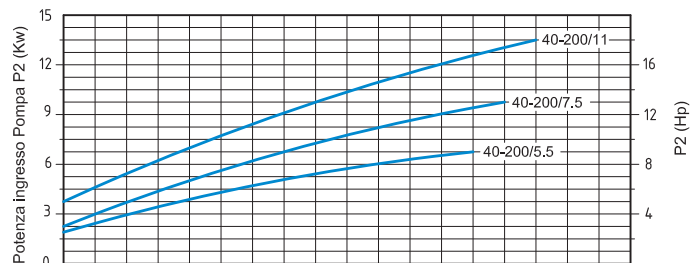
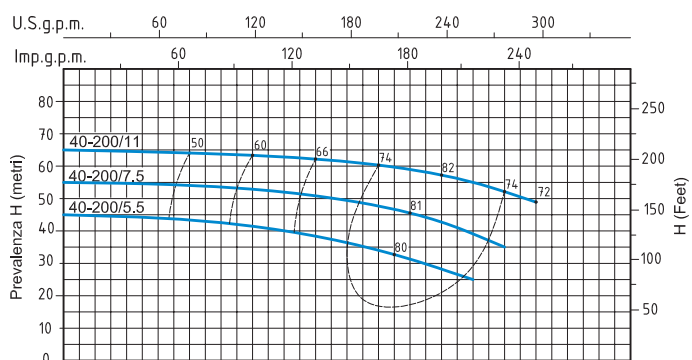
### TNX - 50 HZ - 3 PHASE

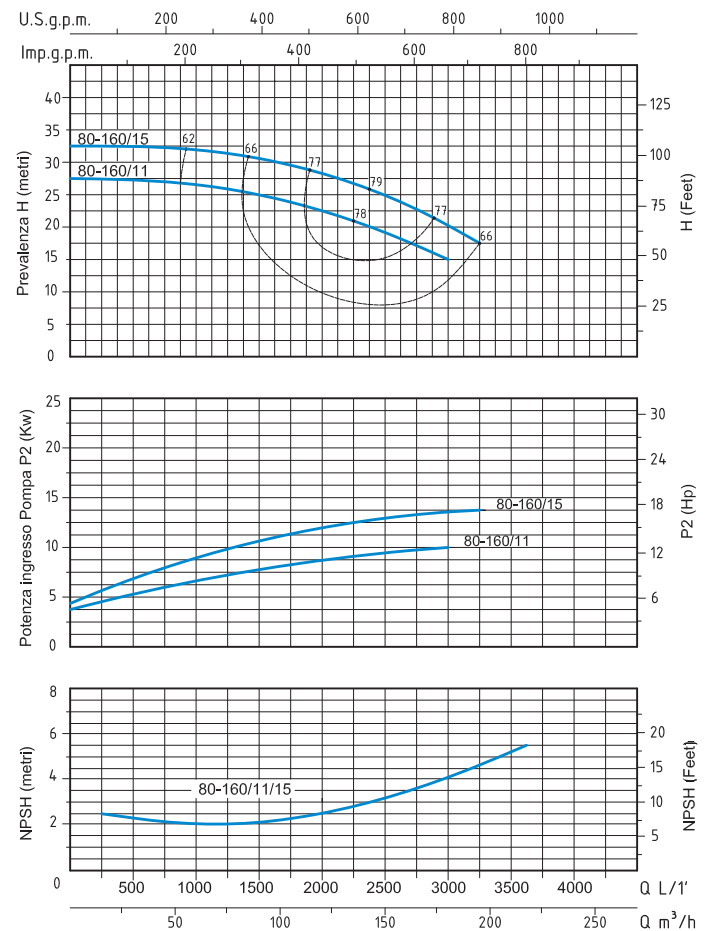
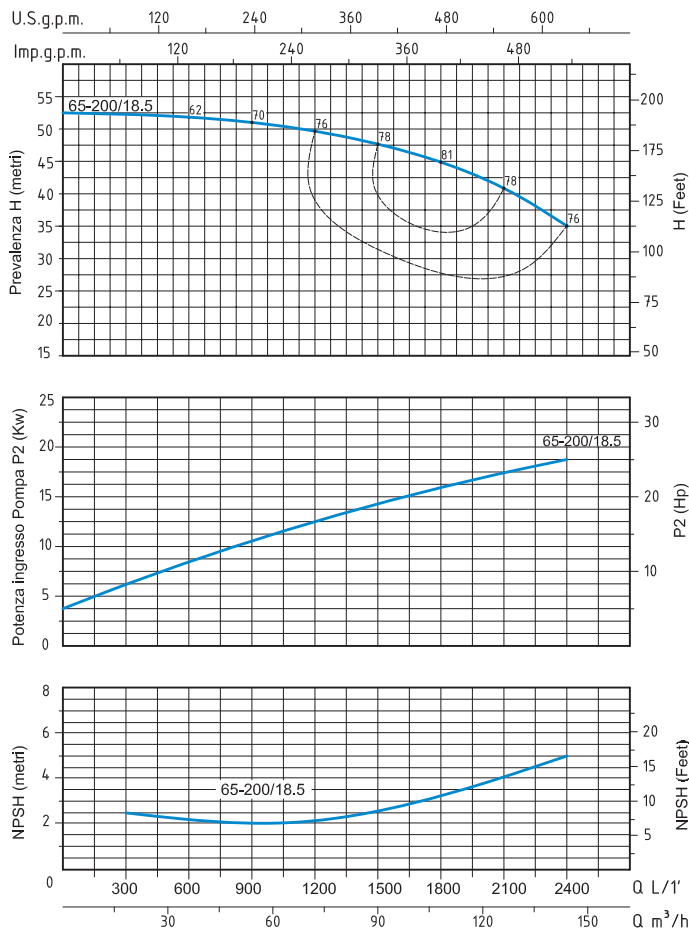
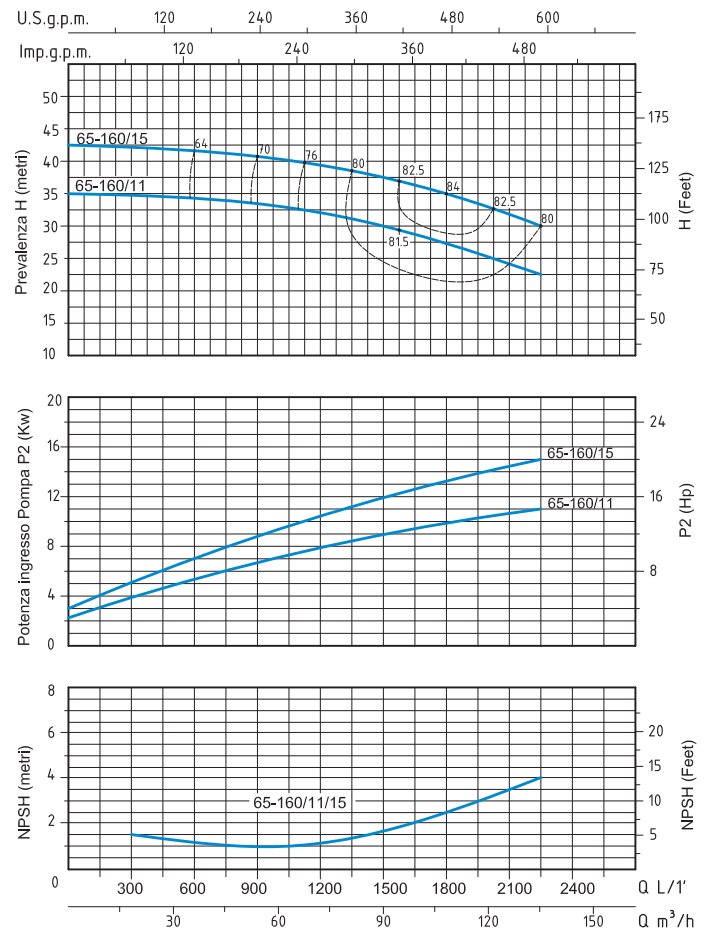
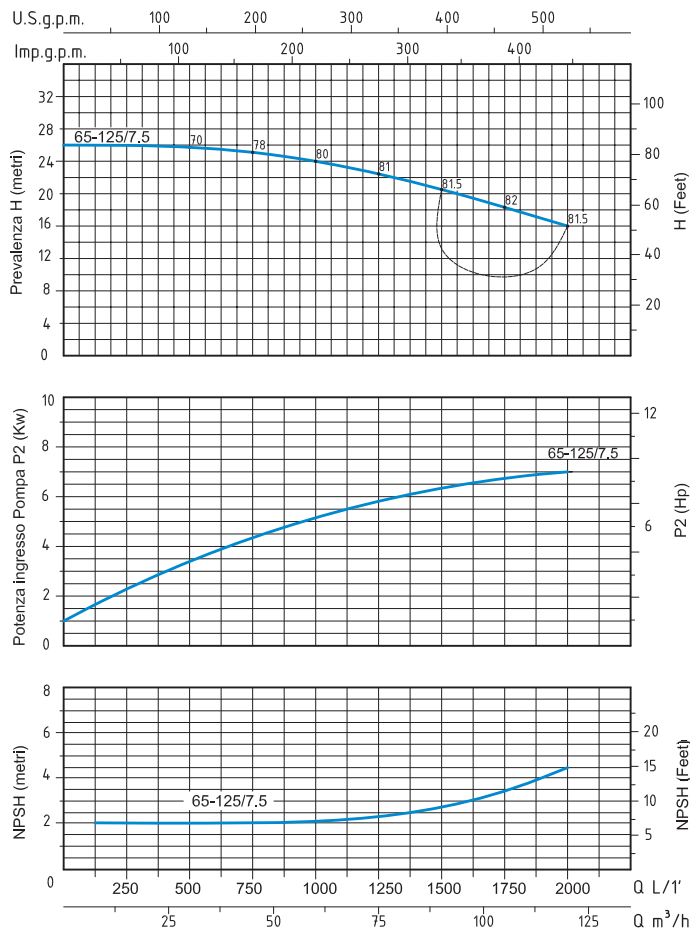
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br><i>NOMINAL<br/>POWER</i>                     |      | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                 | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |      |
|------------------------|---------------------------------------------------------------------|------|------------------------------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|
| Trifase<br>Three-phase | P2                                                                  |      | P1                                             | Trifase<br>Three-phase | m³/h                  | 24   | 36   | 48   | 60   | 72   | 84   | 96   | 108  | 120  | 132  | 144  |
|                        | HP                                                                  | kW   | kW                                             |                        | lt/1'                 | 400  | 600  | 800  | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
|                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                                |                        |                       |      |      |      |      |      |      |      |      |      |      |      |
| TNXt 65-125/7,5        | 10                                                                  | 7,5  | 8,3                                            | 13,3                   | H<br>(m)              | 26,5 | 26   | 25,4 | 24,5 | 23,3 | 21,5 | 20   | 18   | 15,5 |      |      |
| TNXt 65-160/11         | 15                                                                  | 11   | 12,7                                           | 20,5                   |                       | 35   | 34,5 | 33,5 | 32,5 | 31,5 | 30   | 28,5 | 26,5 | 24,5 | 22   |      |
| TNXt 65-160/15         | 20                                                                  | 15   | 16,5                                           | 26,2                   |                       | 42,5 | 42,2 | 41,8 | 41   | 39,8 | 38,2 | 37   | 35,5 | 34   | 31   |      |
| TNXt 65-200/18,5       | 25                                                                  | 18,5 | 21                                             | 33                     |                       | 52   | 51,5 | 50,5 | 49,5 | 48,5 | 47,5 | 46   | 44,5 | 42,5 | 39,5 | 35,5 |

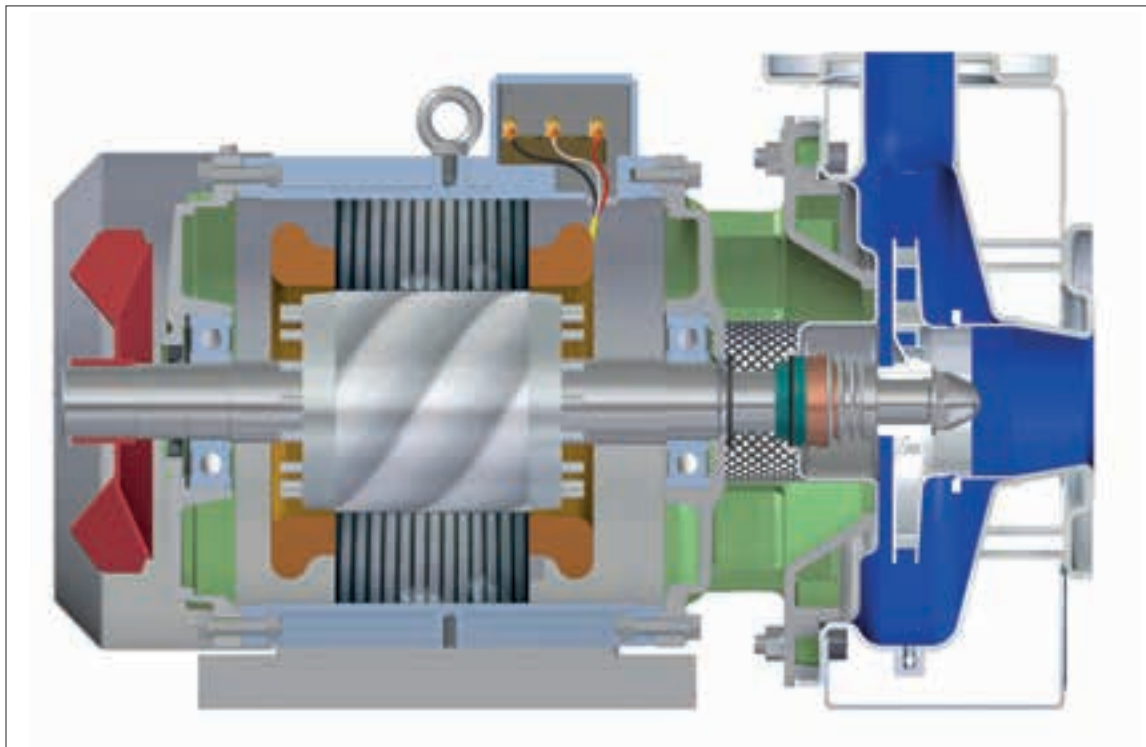
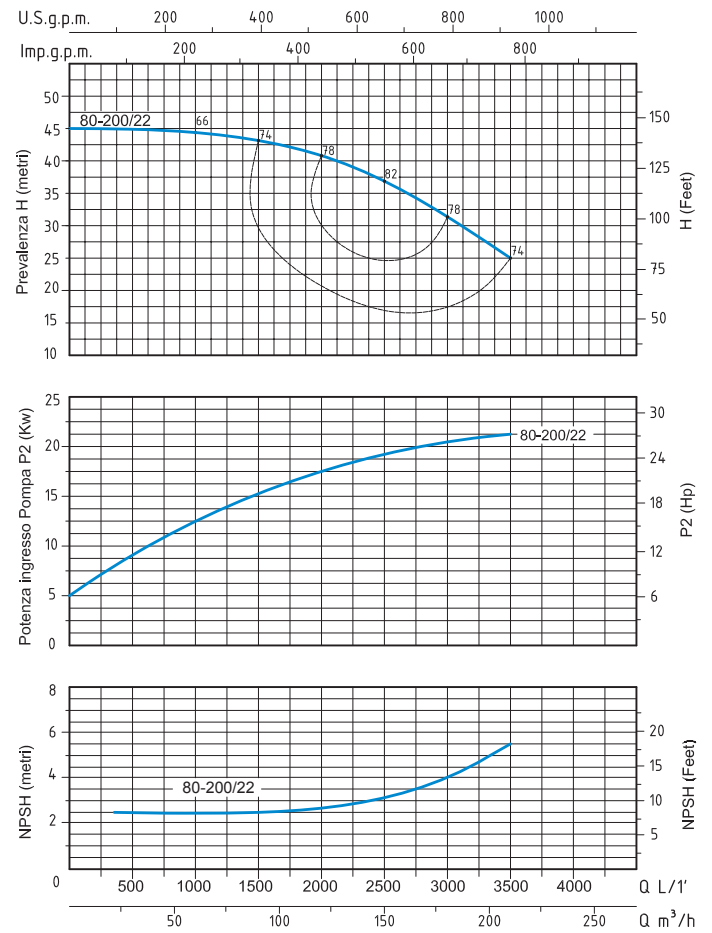
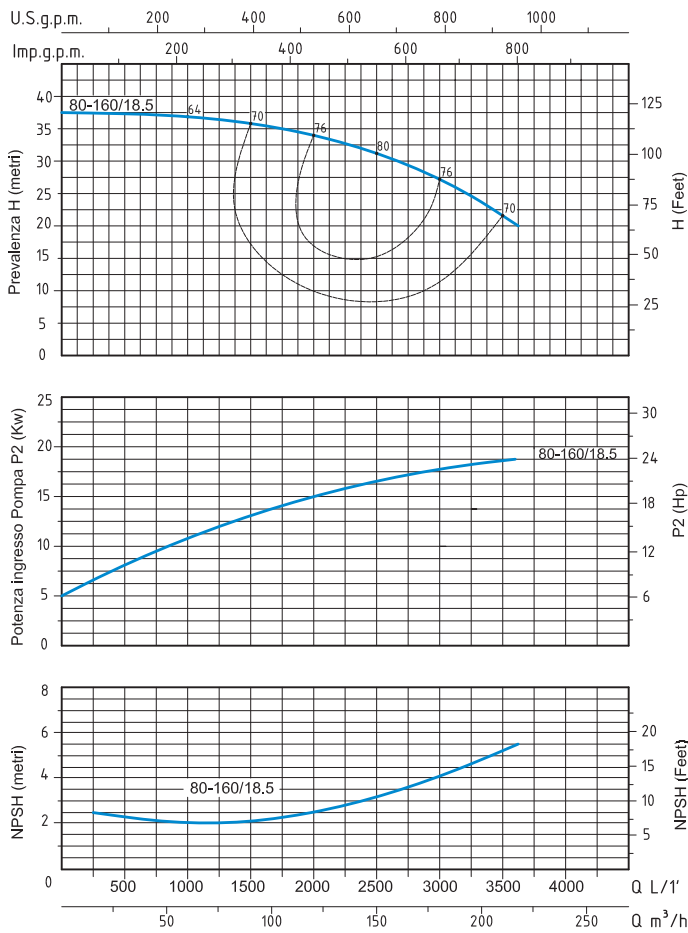
### TNX - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY |      |          |      |      |      |      |      |      |      |      |      |
|------------------------|---------------------------------------------------------------------|------|----------------------------------------|------------------------|-----------------------|------|----------|------|------|------|------|------|------|------|------|------|
| Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Trifase<br>Three-phase | m³/h                  | 60   | 72       | 84   | 108  | 132  | 156  | 168  | 180  | 195  | 210  | 225  |
|                        | HP                                                                  | kW   | kW                                     |                        | lt/1'                 | 1000 | 1200     | 1400 | 1800 | 2200 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 |
|                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                        |                       |      |          |      |      |      |      |      |      |      |      |      |
|                        | TNXt 80-160/11                                                      | 15   | 11                                     |                        | 12                    | 19   | H<br>(m) | 26   | 25,5 | 25   | 22,8 | 20   | 17   | 15,5 | 14   | 11   |
| TNXt 80-160/15         | 20                                                                  | 15   | 16                                     | 26                     | 33                    | 32,5 |          | 31   | 29,5 | 27   | 24   | 22,5 | 21   | 18,5 | 15,5 |      |
| TNXt 80-160/18,5       | 25                                                                  | 18,5 | 20                                     | 32                     | 37,5                  | 37,2 |          | 36,8 | 35   | 33   | 30,5 | 29   | 27   | 25   | 22   |      |
| TNXt 80-200/22         | 30                                                                  | 22,5 | 25                                     | 39                     | 43,5                  | 43   |          | 42,5 | 41   | 39   | 36   | 34,5 | 33   | 30,5 | 27   | 23,5 |

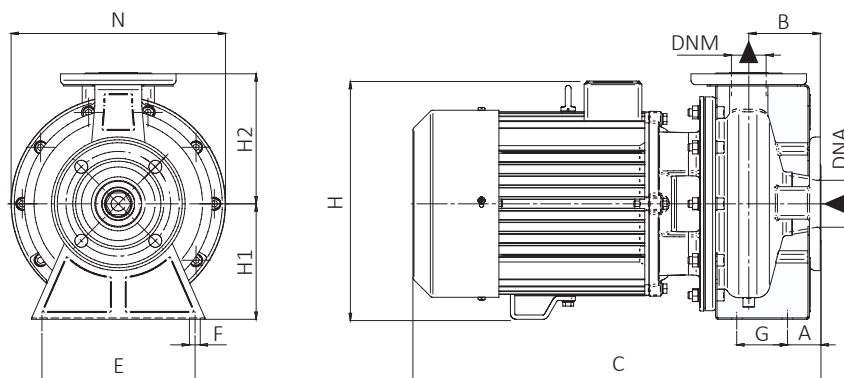




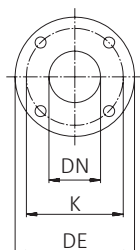








Flange  
Flanges



| DIMENSIONS mm |     |     |              |    |
|---------------|-----|-----|--------------|----|
| DN            | DE  | K   | Fori - Holes |    |
|               |     |     | n°           | Ø  |
| 65            | 185 | 145 | 4            | 18 |
| 80            | 200 | 160 | 8            | 18 |

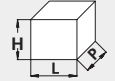
#### TNX - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |      |     |     |    |    |       |     |       |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |
|------------------------|------------------------------|------|-----|-----|----|----|-------|-----|-------|-----|-----|-----|--------------------------------|----------------|-----|------|
| Trifase<br>Three-phase | A                            | B    | C   | E   | F  | G  | H     | H1  | H2    | N   | DNA | DNM | P                              | L              | H   | Kg   |
| TNXt 32-160/1,5        | 34                           | 79,5 | 440 | 160 | 15 | 70 | 260   | 112 | 140   | 213 | 50  | 32  | 250                            | 475            | 335 | 23,1 |
| TNXt 32-160/2,2        | 34                           | 79,5 | 440 | 160 | 15 | 70 | 260   | 112 | 140   | 213 | 50  | 32  | 250                            | 475            | 335 | 26,1 |
| TNXt 32-200/3          | 34                           | 82,5 | 482 | 212 | 15 | 70 | 346,5 | 160 | 186,5 | 297 | 50  | 32  | 340                            | 620            | 485 | 40,7 |
| TNXt 32-200/4          | 34                           | 82,5 | 510 | 212 | 15 | 70 | 346,5 | 160 | 186,5 | 297 | 50  | 32  | 340                            | 620            | 485 | 50,2 |
| TNXt 32-200/5,5        | 34                           | 82,5 | 540 | 212 | 15 | 70 | 350   | 160 | 186,5 | 297 | 50  | 32  | 340                            | 620            | 485 | 67,7 |

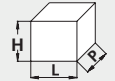
#### TNX - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |      |     |     |    |    |     |     |       |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |       |
|------------------------|------------------------------|------|-----|-----|----|----|-----|-----|-------|-----|-----|-----|--------------------------------|----------------|-----|-------|
| Trifase<br>Three-phase | A                            | B    | C   | E   | F  | G  | H   | H1  | H2    | N   | DNA | DNM | P                              | L              | H   | Kg    |
| TNXt 40-125/2,2        | 34                           | 79   | 441 | 160 | 15 | 70 | 255 | 112 | 142   | 213 | 65  | 40  | 250                            | 475            | 335 | 25,6  |
| TNXt 40-125/3          | 34                           | 79   | 478 | 160 | 15 | 70 | 255 | 112 | 142   | 213 | 65  | 40  | 270                            | 540            | 430 | 32,9  |
| TNXt 40-160/4          | 34                           | 79   | 501 | 160 | 15 | 70 | 280 | 112 | 142   | 230 | 65  | 40  | 270                            | 540            | 430 | 37,9  |
| TNXt 40-200/5,5        | 46,5                         | 98,5 | 565 | 212 | 15 | 70 | 345 | 160 | 183,5 | 297 | 65  | 40  | 340                            | 620            | 485 | 62,2  |
| TNXt 40-200/7,5        | 46,5                         | 98,5 | 565 | 212 | 15 | 70 | 345 | 160 | 183,5 | 297 | 65  | 40  | 340                            | 620            | 485 | 66,7  |
| TNXt 40-200/11         | 46,5                         | 98,5 | 705 | 212 | 15 | 70 | 410 | 160 | 183,5 | 315 | 65  | 40  | 372                            | 805            | 550 | 103,3 |

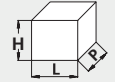
### TNX - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |      |     |     |    |    |     |     |       |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|------------------------|------------------------------|------|-----|-----|----|----|-----|-----|-------|-----|-----|-----|--------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Trifase<br>Three-phase | A                            | B    | C   | E   | F  | G  | H   | H1  | H2    | N   | DNA | DNM | P                                                                                                                  | L   | H   | Kg             |
| TNXt 50-125/4          | 41,5                         | 84,5 | 520 | 212 | 15 | 70 | 300 | 132 | 164,5 | 254 | 65  | 50  | 340                                                                                                                | 620 | 485 | 45,2           |
| TNXt 50-200/7,5        | 46,5                         | 99   | 565 | 212 | 15 | 70 | 350 | 160 | 180   | 297 | 65  | 50  | 340                                                                                                                | 620 | 485 | 66,7           |
| TNXt 50-200/11         | 46,5                         | 99   | 706 | 212 | 15 | 70 | 410 | 160 | 180   | 315 | 65  | 50  | 372                                                                                                                | 805 | 550 | 102,8          |
| TNXt 50-200/15         | 46,5                         | 99   | 706 | 212 | 15 | 70 | 410 | 160 | 180   | 315 | 65  | 50  | 372                                                                                                                | 805 | 550 | 111,3          |
| TNXt 50-200/18,5       | 46,5                         | 99   | 751 | 212 | 15 | 70 | 410 | 160 | 180   | 315 | 65  | 50  | 372                                                                                                                | 805 | 550 | 124,3          |

### TNX - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |     |     |     |    |    |     |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|------------------------|------------------------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Trifase<br>Three-phase | A                            | B   | C   | E   | F  | G  | H   | H1  | H2  | N   | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| TNXt 65-125/7,5        | 52,5                         | 100 | 570 | 212 | 15 | 95 | 350 | 160 | 180 | 283 | 80  | 65  | 340                                                                                                                  | 620 | 485 | 63,7           |
| TNXt 65-160/11         | 52,5                         | 100 | 714 | 212 | 15 | 95 | 410 | 160 | 200 | 315 | 80  | 65  | 372                                                                                                                  | 805 | 550 | 103,3          |
| TNXt 65-160/15         | 52,5                         | 100 | 714 | 212 | 15 | 95 | 410 | 160 | 200 | 315 | 80  | 65  | 372                                                                                                                  | 805 | 550 | 112,8          |
| TNXt 65-200/18,5       | 52,5                         | 100 | 760 | 250 | 15 | 95 | 430 | 180 | 225 | 333 | 80  | 65  | 372                                                                                                                  | 805 | 550 | 129,8          |

### TNX - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |     |     |     |    |    |     |     |     |     |     |     | DIMENSIONI<br><i>DIMENSIONS</i><br>mm  |     |     | PESO<br><i>WEIGHT</i> |
|------------------------|------------------------------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----------------------------------------------------------------------------------------------------------------------------|-----|-----|-----------------------|
| Trifase<br>Three-phase | A                            | B   | C   | E   | F  | G  | H   | H1  | H2  | N   | DNA | DNM | P                                                                                                                           | L   | H   | Kg                    |
| TNXt 80-160/11         | 77,5                         | 125 | 743 | 250 | 15 | 95 | 430 | 180 | 225 | 333 | 100 | 80  | 372                                                                                                                         | 805 | 550 | 105,3                 |
| TNXt 80-160/15         | 77,5                         | 125 | 743 | 250 | 15 | 95 | 430 | 180 | 225 | 333 | 100 | 80  | 372                                                                                                                         | 805 | 550 | 113,8                 |
| TNXt 80-160/18,5       | 77,5                         | 125 | 790 | 250 | 15 | 95 | 430 | 180 | 225 | 333 | 100 | 80  | 395                                                                                                                         | 865 | 561 | 125,7                 |
| TNXt 80-200/22         | 77,5                         | 125 | 830 | 280 | 15 | 95 | 445 | 180 | 250 | 360 | 100 | 80  | 395                                                                                                                         | 865 | 561 | 118,2                 |

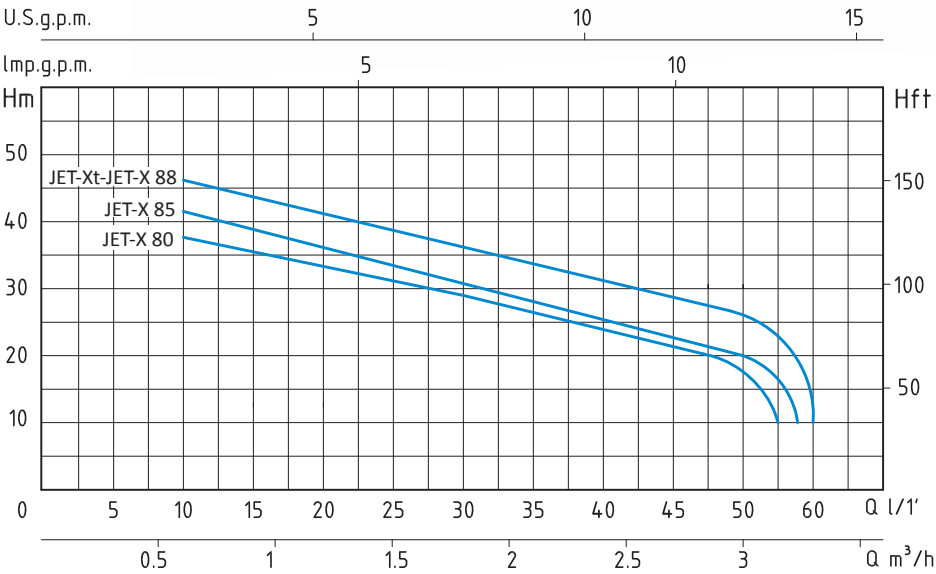
ELETTROPOMPE AUTOADESCANTI JET INOX  
SELFPRIMING JET INOX PUMPS



JET-X 80



JET-X 85-88



| JET-X - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                    |      |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |    |
|-----------------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| TIPO<br>TYPE                      |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |    |
| Monofase<br>Single-phase          | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
|                                   |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 |
|                                   |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |    |
| JET-X 80                          |                        | 0,8                                                                | 0,6  | 0,8                                    | 3,8                      |                        | H<br>(m)              | 38  | 36  | 34  | 32  | 29  | 27  | 25  | 22  | 19 |
| JET-X 85                          |                        | 0,9                                                                | 0,7  | 0,9                                    | 4                        |                        |                       | 42  | 40  | 36  | 33  | 31  | 28  | 26  | 24  | 20 |
| JET-X 88                          | JET-Xt 88              | 1                                                                  | 0,75 | 1,1                                    | 5                        | 2,5                    |                       | 46  | 43  | 40  | 38  | 35  | 32  | 30  | 29  | 26 |

### APPLICAZIONI

Elettropompe autoadescanti Jet Inox garantiscono un'ottima resa idraulica e una notevole capacità di pressione. Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas. Adatte per l'alimentazione di acqua potabile, il sollevamento e la distribuzione negli impianti domestici a mezzo di piccoli e medi serbatoi (autoclavi).

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

### MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

### MATERIALI

- |                       |                       |
|-----------------------|-----------------------|
| - Corpo pompa         | Acciaio Inox AISI 304 |
| - Supporto motore     | Alluminio             |
| - Girante (80-85)     | Noryl                 |
| - Girante (88)        | Acciaio Inox AISI 304 |
| - Diffusore           | Noryl                 |
| - Flangia portatenuta | Acciaio Inox AISI 304 |
| - Albero motore       | Acciaio Inox AISI 304 |
| - Tenute meccaniche   | Ceramica/Grafite/NBR  |

### APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.

### OPERATING CONDITIONS

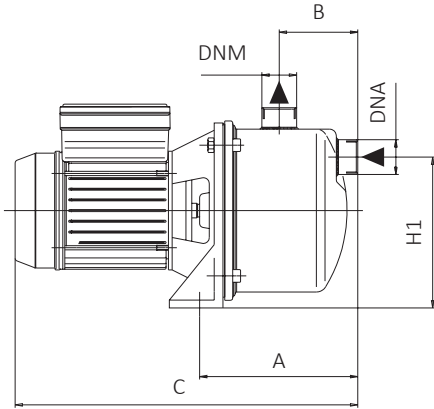
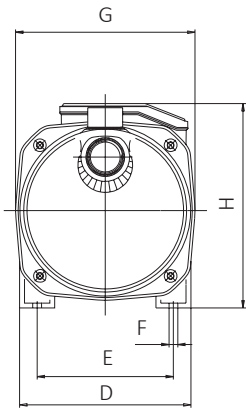
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

### MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

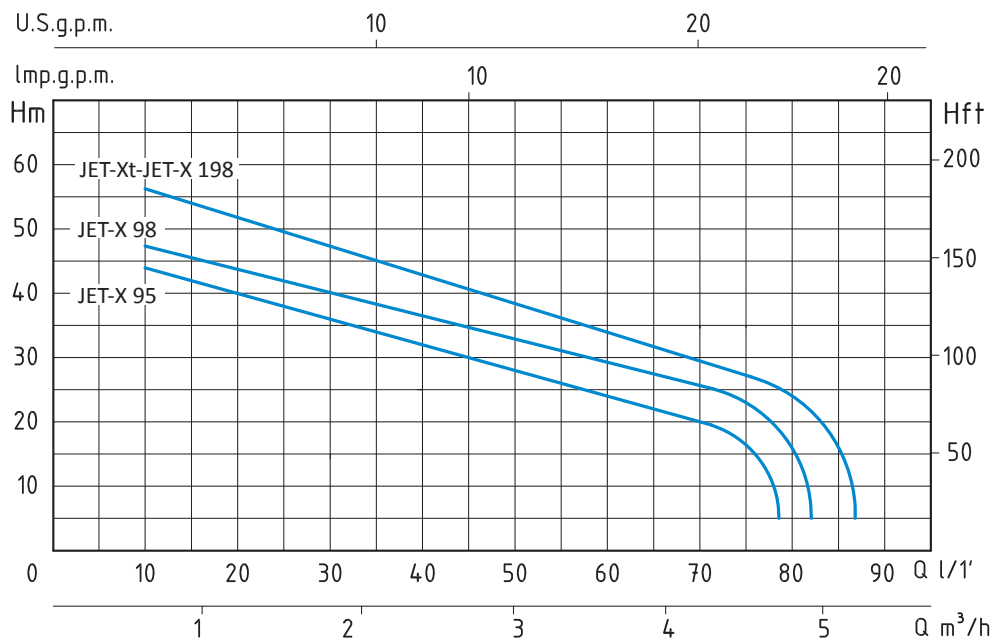
### MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor Support    | Aluminium                |
| - Impeller (80-85) | Noryl                    |
| - Impeller (88)    | Stainless Steel AISI 304 |
| - Diffuser         | Noryl                    |
| - Pump flange      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |     |   |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|-----|---|-----|-----|-----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B  | C   | D   | E   | F | G   | H   | H1  | DNA | DNM | P                              | L   | H   | Kg             |
| JET-X 80                 |                        | 163                          | 72 | 320 | 162 | 126 | 9 | 166 | 180 | 123 | 1"  | 1"  | 176                            | 350 | 200 | 6,7            |
| JET-X 85                 |                        | 163                          | 81 | 343 | 176 | 140 | 9 | 184 | 200 | 149 | 1"  | 1"  | 200                            | 414 | 228 | 7,7            |
| JET-X 88                 | JET-Xt 88              | 163                          | 81 | 370 | 176 | 140 | 9 | 184 | 200 | 149 | 1"  | 1"  | 200                            | 414 | 228 | 10,2           |

ELETTROPOMPE AUTOADESCANTI JET INOX  
SELFPRIMING JET INOX PUMPS



JET-X - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |     |     |    |     |     |     |  |
|--------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 |  |
|                          |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 10  | 15  | 20  | 25  | 30  | 40  | 50 | 60  | 70  | 80  |  |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |     |     |     |     |     |     |    |     |     |     |  |
| JET-X 95                 |                        | 1                                                                  | 0,75 | 1,1                                    | 5                        |                        | H<br>(m)              | 44  | 40  | 38  | 36  | 34  | 30  | 27 | 24  | 20  |     |  |
| JET-X 98                 |                        | 1,3                                                                | 1    | 1,3                                    | 5,8                      |                        |                       | 47  | 45  | 44  | 41  | 39  | 35  | 32 | 28  | 26  |     |  |
| JET-X 198                | JET-Xt 198             | 1,6                                                                | 1,1  | 1,7                                    | 7,5                      | 4,2                    |                       | 56  | 53  | 50  | 48  | 46  | 42  | 36 | 34  | 30  | 25  |  |

## APPLICAZIONI

Elettropompe autoadescanti Jet Inox garantiscono un'ottima resa idraulica e una notevole capacità di pressione. Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas. Adatte per l'alimentazione di acqua potabile, il sollevamento e la distribuzione negli impianti domestici a mezzo di piccoli e medi serbatoi (autoclavi).

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Supporto motore: Alluminio
- Girante: Acciaio Inox AISI 304
- Diffusore: Noryl
- Flangia portatenuta: Acciaio Inox AISI 304
- Albero motore: Acciaio Inox AISI 304
- Tenute meccaniche: Ceramica/Grafite/NBR

## APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to 8 m. depth and work perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.

## OPERATING CONDITIONS

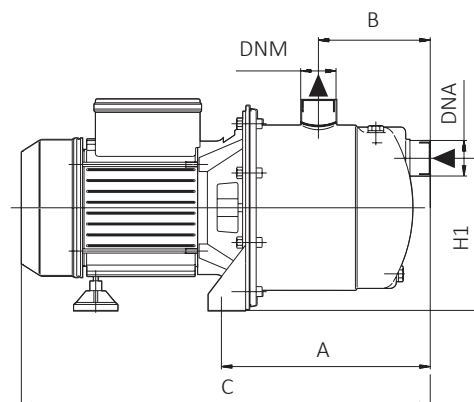
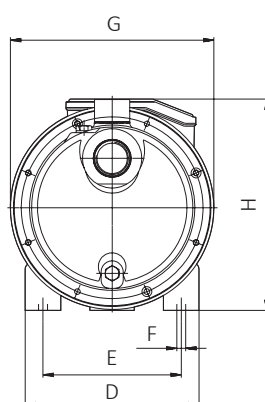
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 m.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

## MATERIALS

- Pump body: Stainless Steel AISI 304
- Motor Support: Aluminium
- Impeller: Stainless Steel AISI 304
- Diffuser: Noryl
- Pump flange: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Ceramic/Graphite/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |   |     |     |     |        |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|-----|-----|-----|-----|---|-----|-----|-----|--------|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B   | C   | D   | E   | F | G   | H   | H1  | DNA    | DNM | P                              | L   | H   | Kg             |
| JET-X 95                 |                        | 210                           | 113 | 415 | 176 | 140 | 9 | 206 | 212 | 154 | 1"     | 1"  | 212                            | 453 | 230 | 10,8           |
| JET-X 98                 |                        | 210                           | 113 | 415 | 176 | 140 | 9 | 206 | 212 | 154 | 1"     | 1"  | 212                            | 453 | 230 | 11,4           |
| JET-X 198                | JET-Xt 198             | 210                           | 113 | 432 | 176 | 140 | 9 | 206 | 230 | 154 | 1" 1/4 | 1"  | 235                            | 490 | 295 | 14,5           |



GRUPPI DI PRESSURIZZAZIONE  
A FUNZIONAMENTO AUTOMATICO

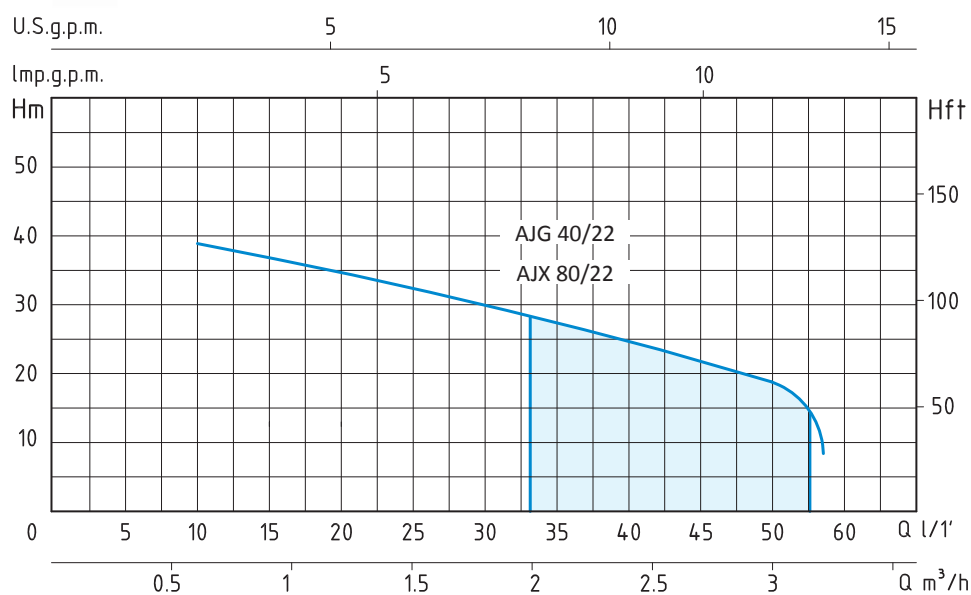
AUTOMATIC WORKING  
PRESSURE SYSTEMS



AJG 40-22



AJX 80-22



## AJG/AJX - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Pressostato<br>pre-tarato<br><br>Adjusted<br>switch<br>on/off<br>pressure | Q = PORTATA- CAPACITY |                                                                    |     |     |     |     |     |     |     |    |
|--------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|----|
| Monofase<br>Single-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase |                                                                           | m³/h                  | 0,6                                                                | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
|                          | HP                                      | kW  | kW                                     |                          |                                                                           | lt/1'                 | 10                                                                 | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 |
|                          |                                         |     |                                        |                          |                                                                           | Bar                   | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |    |
| AJG 40/22                | 0,8                                     | 0,6 | 0,8                                    | 3,8                      | 1,4 ÷ 2,8                                                                 | H                     | 38                                                                 | 36  | 34  | 32  | 29  | 27  | 25  | 22  | 19 |
| AJX 80/22                | 0,8                                     | 0,6 | 0,8                                    | 3,8                      | 1,4 ÷ 2,8                                                                 | (m)                   | 38                                                                 | 36  | 34  | 32  | 29  | 27  | 25  | 22  | 19 |

## APPLICAZIONI

Gruppi di pressurizzazione a funzionamento automatico realizzati con elettropompe jet autoadescanti.

Molto affidabili e silenziosi sono particolarmente adatti per aumentare la pressione disponibile da una rete di distribuzione, per l'approvvigionamento d'acqua con aspirazione da pozzi e per impianti idrici domestici.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- Serbatoio a membrana butile
- Tubo flessibile raccordato
- Pressostato pre-tarato 1,4÷2,8 bar con cavi
- Manometro
- Raccordo ottone

## APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.

They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.

## OPERATING CONDITIONS

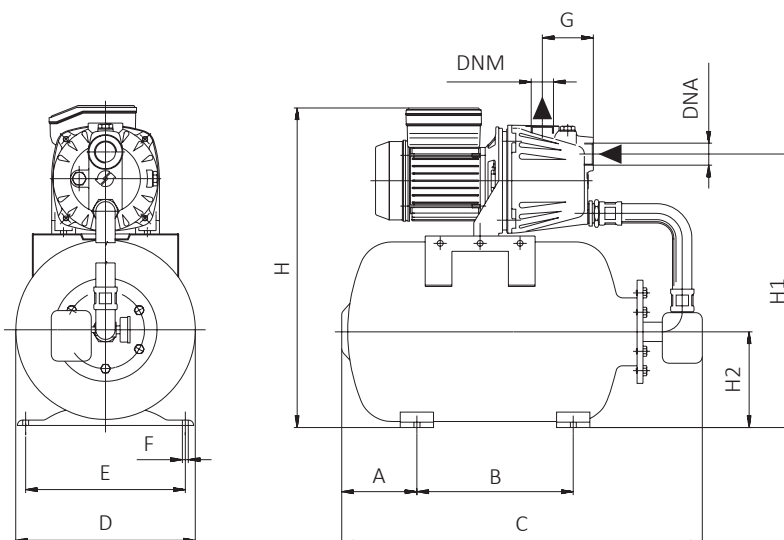
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

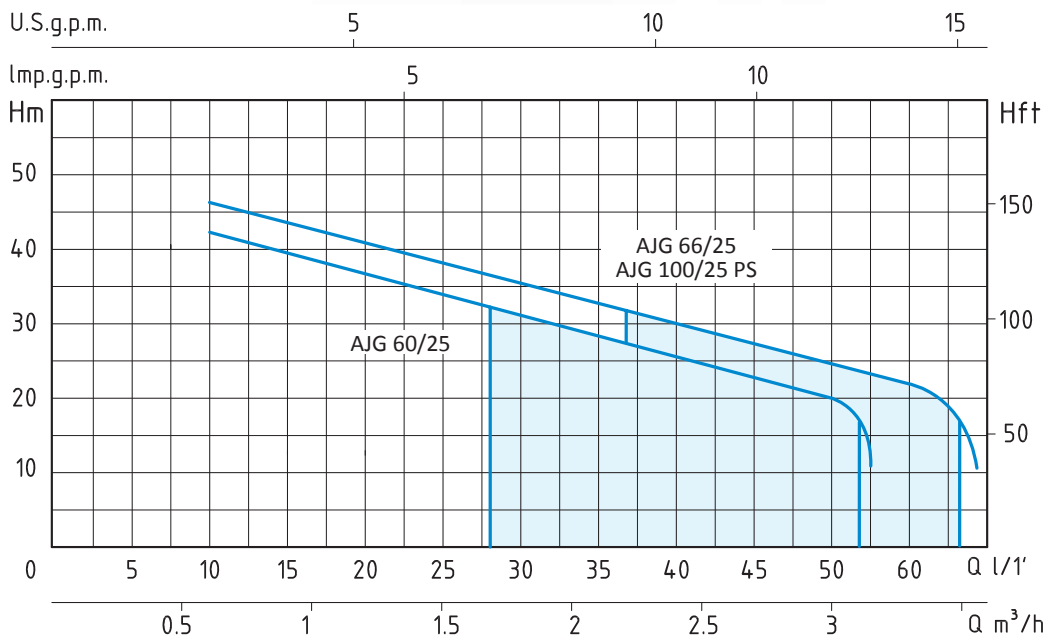
## MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,4÷2,8 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE             | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |   |    |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|-------------------------------|-----|-----|-----|-----|---|----|-----|-----|-----|-----|-----|--------------------------------|-----|-----|----------------|
|                          | A                             | B   | C   | D   | E   | F | G  | H   | H1  | H2  | DNA | DNM | P                              | L   | H   |                |
| Monofase<br>Single-phase |                               |     |     |     |     |   |    |     |     |     |     |     |                                |     |     |                |
| AJG 40/22                | 113                           | 235 | 542 | 270 | 240 | 9 | 76 | 480 | 411 | 144 | 1"  | 1"  | 298                            | 500 | 520 | 15,6           |
| AJX 80/22                | 113                           | 235 | 542 | 270 | 240 | 9 | 72 | 460 | 411 | 144 | 1"  | 1"  | 298                            | 500 | 520 | 13,7           |

GRUPPI DI PRESSURIZZAZIONE  
A FUNZIONAMENTO AUTOMATICO  
  
AUTOMATIC WORKING  
PRESSURE SYSTEMS



| AJG - 50 HZ - 1 PHASE    |                                         |      |                                        |                          |                                                                           |                          |      |     |     |     |     |     |     |     |     |    |
|--------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|---------------------------------------------------------------------------|--------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Pressostato<br>pre-tarato<br><br>Adjusted<br>switch<br>on/off<br>pressure | Q = PORTATA- CAPACITY    |      |     |     |     |     |     |     |     |     |    |
|                          | P2                                      |      | P1                                     |                          |                                                                           | Monofase<br>Single-phase | m³/h | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
| Monofase<br>Single-phase | HP                                      | kW   | kW                                     | Monofase<br>Single-phase | lt/1'                                                                     |                          | 10   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60 |
|                          |                                         |      |                                        |                          |                                                                           | Bar                      |      |     |     |     |     |     |     |     |     |    |
| AJG 60/25                | 0,8                                     | 0,6  | 0,8                                    | 3,5                      | 1,6 ÷ 3,2                                                                 | H<br>(m)                 | 42   | 38  | 36  | 33  | 30  | 27  | 26  | 23  | 20  |    |
| AJG 66/25                | 1                                       | 0,7  | 1                                      | 4,9                      | 1,6 ÷ 3,2                                                                 |                          | 46   | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 25  |    |
| AJG 100/25 PS            | 1                                       | 0,75 | 1,1                                    | 5                        | 1,6 ÷ 3,2                                                                 |                          | 46   | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 26  | 22 |

## APPLICAZIONI

Gruppi di pressurizzazione a funzionamento automatico realizzati con elettropompe jet autoadescanti. Molto affidabili e silenziosi sono particolarmente adatti per aumentare la pressione disponibile da una rete di distribuzione, per l'approvvigionamento d'acqua con aspirazione da pozzi e per impianti idrici domestici.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- Serbatoio a membrana butile
- Tubo flessibile raccordato
- Pressostato pre-tarato 1,6÷3,2 bar con cavi
- Manometro
- Raccordo ottone

## APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps. They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.

## OPERATING CONDITIONS

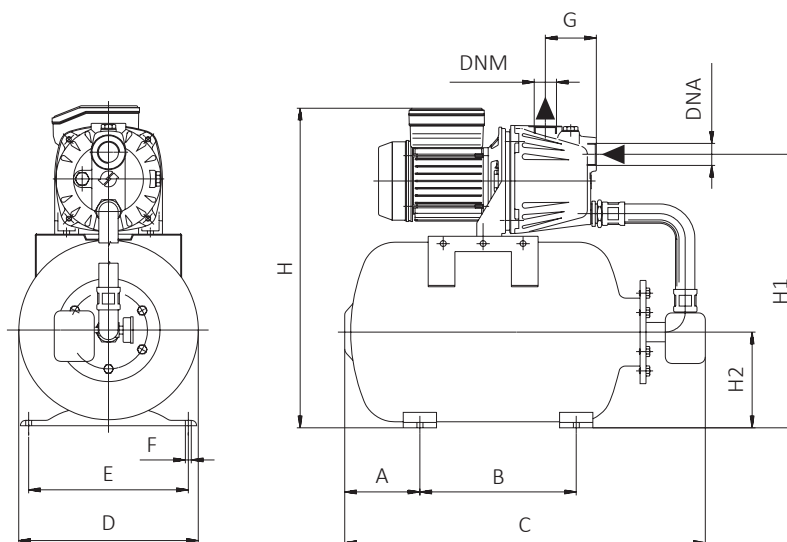
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

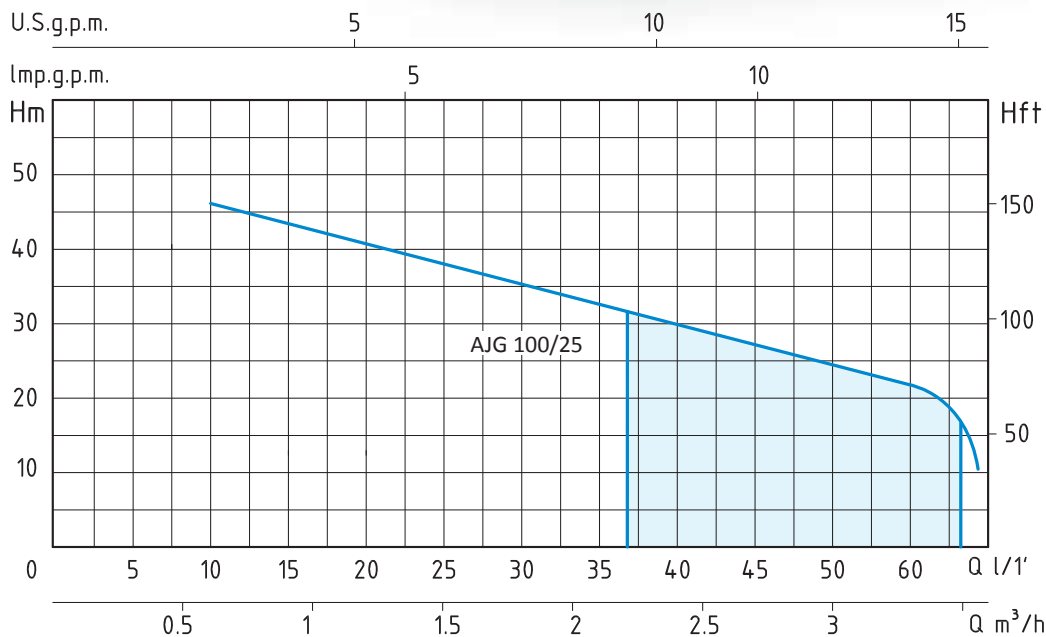
## MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE             | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |   |     |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|-------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | A                             | B   | C   | D   | E   | F | G   | H   | H1  | H2  | DNA | DNM | P                              | L   | H   | Kg             |
| AJG 60/25                | 113                           | 235 | 530 | 270 | 240 | 9 | 90  | 497 | 444 | 144 | 1"  | 1"  | 295                            | 555 | 545 | 17,7           |
| AJG 66/25                | 113                           | 235 | 530 | 270 | 240 | 9 | 90  | 497 | 444 | 144 | 1"  | 1"  | 295                            | 555 | 545 | 19,8           |
| AJG 100/25 PS            | 113                           | 235 | 530 | 270 | 240 | 9 | 145 | 497 | 444 | 144 | 1"  | 1"  | 295                            | 555 | 545 | 23,8           |

GRUPPI DI PRESSURIZZAZIONE  
A FUNZIONAMENTO AUTOMATICO  
AUTOMATIC WORKING  
PRESSURE SYSTEMS



| AJG - 50 HZ - 1 PHASE    |                                         |      |                                        |                          |                                          |                       |                                                                    |     |     |     |     |     |     |     |    |     |
|--------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------------------------|-----------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Pressostato<br>pre-tarato                | Q = PORTATA- CAPACITY |                                                                    |     |     |     |     |     |     |     |    |     |
| Monofase<br>Single-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Adjusted<br>switch<br>on/off<br>pressure | m³/h                  | 0,6                                                                | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  | 3,6 |
|                          | HP                                      | KW   | KW                                     |                          |                                          | lt/1'                 | 10                                                                 | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 | 60  |
|                          |                                         |      |                                        |                          |                                          | Bar                   | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |    |     |
| AJG 100/25               | 1                                       | 0,75 | 1,1                                    | 5                        | 1,6 ÷ 3,2                                | H (m)                 | 46                                                                 | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 26 | 22  |

## APPLICAZIONI

Gruppi di pressurizzazione a funzionamento automatico realizzati con elettropompe jet autoadescanti. Molto affidabili e silenziosi sono particolarmente adatti per aumentare la pressione disponibile da una rete di distribuzione, per l'approvvigionamento d'acqua con aspirazione da pozzi e per impianti idrici domestici.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- Serbatoio a membrana butile
- Tubo flessibile raccordato
- Pressostato pre-tarato 1,6÷3,2 bar con cavi
- Manometro
- Raccordo ottone

## APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps. They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.

## OPERATING CONDITIONS

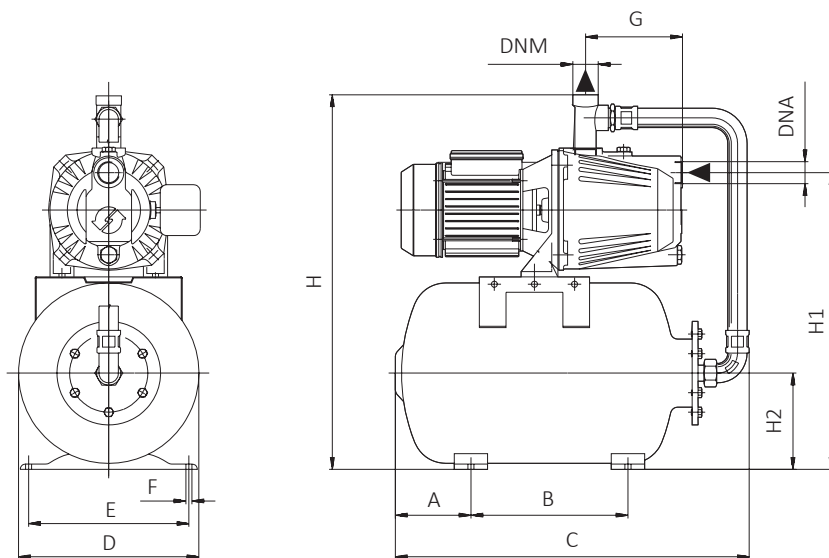
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

## MATERIALS

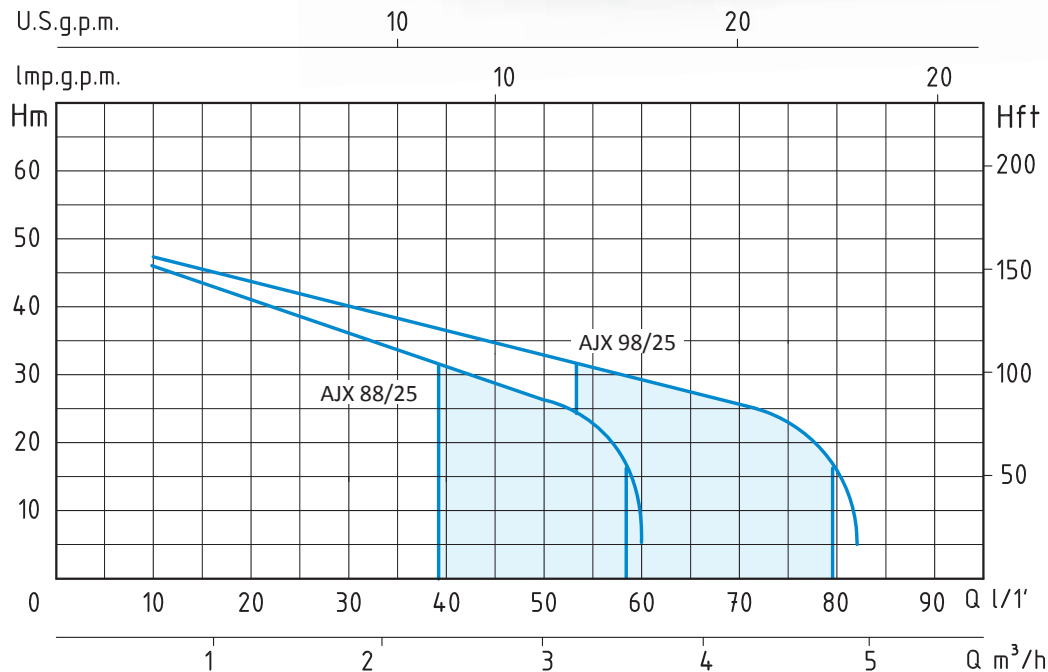
- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |   |     |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm | PESO<br>WEIGHT |     |      |
|--------------------------|------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|--------------------------------|----------------|-----|------|
| Monofase<br>Single-phase | A                            | B   | C   | D   | E   | F | G   | H   | H1  | H2  | DNA | DNM | P                              | L              | H   | Kg   |
| AJG 100/25               | 113                          | 235 | 530 | 270 | 240 | 9 | 145 | 560 | 444 | 144 | 1"  | 1"  | 285                            | 550            | 630 | 22,6 |



GRUPPI DI PRESSURIZZAZIONE  
A FUNZIONAMENTO AUTOMATICO  
AUTOMATIC WORKING  
PRESSURE SYSTEMS



## AJX - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Pressostato<br>pre-tarato                | Q = PORTATA- CAPACITY |                                                                    |     |     |     |     |     |     |     |    |     |
|--------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------------------------|-----------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Monofase<br>Single-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Adjusted<br>switch<br>on/off<br>pressure | m³/h                  | 0,6                                                                | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  | 3,6 |
|                          | HP                                      | kW   | kW                                     |                          |                                          | lt/1'                 | 10                                                                 | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 | 60  |
|                          |                                         |      |                                        |                          |                                          | Bar                   | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |    |     |
| AJX 88/25                | 1                                       | 0,75 | 1,1                                    | 5                        | 1,6 ÷ 3,2                                | H<br>(m)              | 46                                                                 | 43  | 40  | 38  | 35  | 32  | 30  | 29  | 26 |     |
| AJX 98/25                | 1,3                                     | 1    | 1,3                                    | 5,8                      | 1,6 ÷ 3,2                                |                       | 47                                                                 | 45  | 44  | 41  | 39  | 37  | 35  | 33  | 32 | 28  |

## APPLICAZIONI

Gruppi di pressurizzazione a funzionamento automatico realizzati con elettropompe jet autoadescanti.  
Molto affidabili e silenziosi sono particolarmente adatti per aumentare la pressione disponibile da una rete di distribuzione, per l'approvvigionamento d'acqua con aspirazione da pozzi e per impianti idrici domestici.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- Serbatoio a membrana butile
- Tubo flessibile raccordato
- Pressostato pre-tarato 1,6÷3,2 bar con cavi
- Manometro
- Raccordo ottone

## APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.  
They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.

## OPERATING CONDITIONS

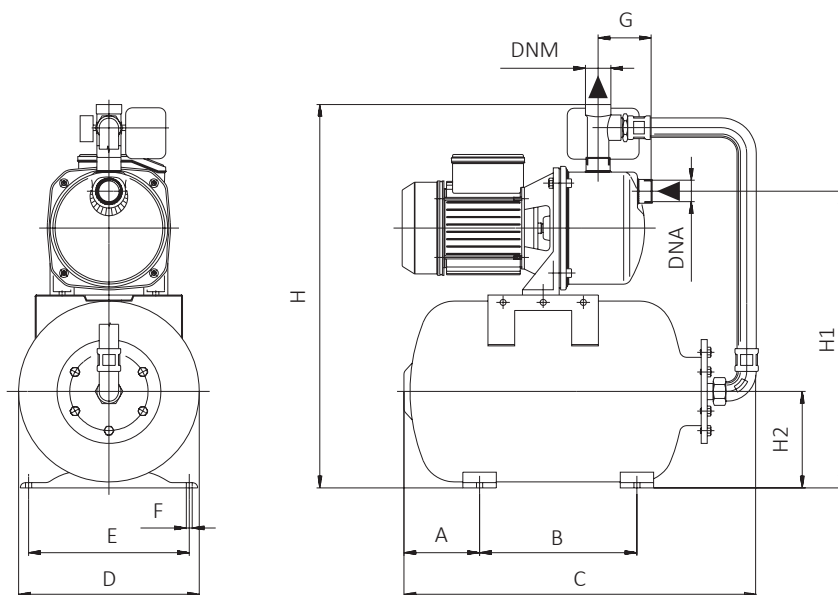
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

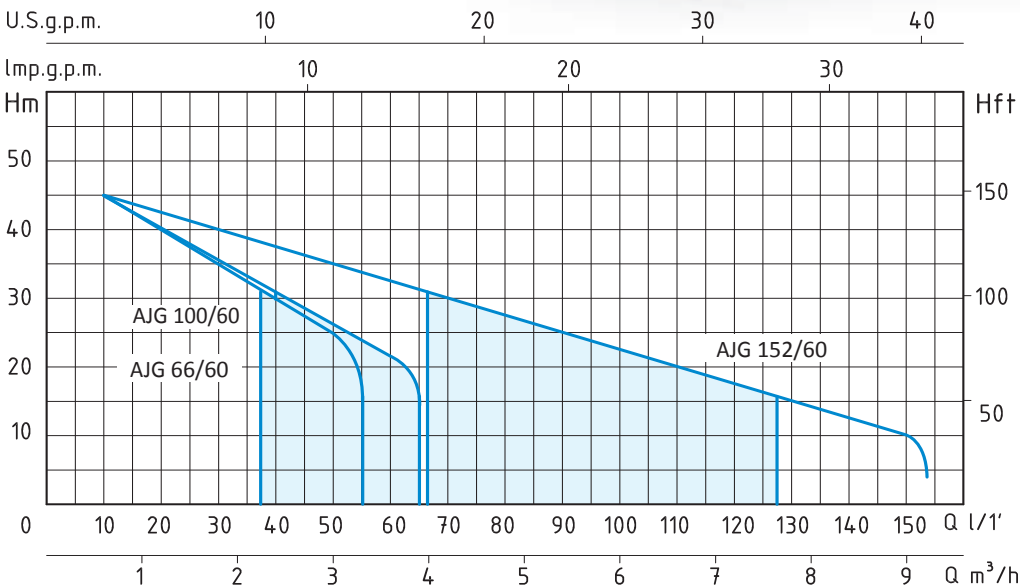
## MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |   |     |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | A                            | B   | C   | D   | E   | F | G   | H   | H1  | H2  | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| AJX 88/25                | 113                          | 235 | 530 | 270 | 240 | 9 | 81  | 575 | 437 | 144 | 1"  | 1"  | 285                                                                                                                  | 550 | 630 | 18,2           |
| AJX 98/25                | 113                          | 235 | 530 | 270 | 240 | 9 | 112 | 575 | 445 | 144 | 1"  | 1"  | 285                                                                                                                  | 550 | 630 | 19,4           |

GRUPPI DI PRESSURIZZAZIONE  
 A FUNZIONAMENTO AUTOMATICO  
 AUTOMATIC WORKING  
 PRESSURE SYSTEMS



| AJG - 50 HZ - 1 PHASE    |                                         |      |                                        |                          |                                          |                                                                    |     |     |     |     |     |     |     |     |     |     |
|--------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Pressostato<br>pre-tarato                | Q = PORTATA- CAPACITY                                              |     |     |     |     |     |     |     |     |     |     |
| Monofase<br>Single-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Adjusted<br>switch<br>on/off<br>pressure | m³/h                                                               | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3   | 3,6 |
|                          | HP                                      | kW   | kW                                     |                          |                                          | lt/1'                                                              | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60  |
|                          |                                         |      |                                        |                          |                                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |
|                          |                                         |      |                                        |                          |                                          | Bar                                                                |     |     |     |     |     |     |     |     |     |     |
| AJG 66/60                | 1                                       | 0,7  | 1                                      | 4,9                      | 1,6 ÷ 3,2                                | H                                                                  | 46  | 43  | 40  | 37  | 35  | 33  | 30  | 29  | 25  |     |
| AJG 100/60               | 1                                       | 0,75 | 1,1                                    | 5                        | 1,6 ÷ 3,2                                | (m)                                                                | 45  | 43  | 40  | 38  | 35  | 33  | 30  | 29  | 26  | 22  |
|                          |                                         |      |                                        |                          |                                          |                                                                    |     |     |     |     |     |     |     |     |     |     |
| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Pressostato<br>pre-tarato                | Q = PORTATA- CAPACITY                                              |     |     |     |     |     |     |     |     |     |     |
| Monofase<br>Single-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Adjusted<br>switch<br>on/off<br>pressure | m³/h                                                               | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,8 | 5,4 | 6   | 7,2 | 9   |
|                          | HP                                      | kW   | kW                                     |                          |                                          | lt/1'                                                              | 10  | 20  | 30  | 45  | 60  | 80  | 90  | 100 | 120 | 150 |
|                          |                                         |      |                                        |                          |                                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |
|                          |                                         |      |                                        |                          |                                          | Bar                                                                |     |     |     |     |     |     |     |     |     |     |
| AJG 152/60               | 1,5                                     | 1,1  | 1,5                                    | 7                        | 1,6 ÷ 3,2                                | H (m)                                                              | 45  | 42  | 40  | 35  | 33  | 28  | 25  | 22  | 16  | 10  |

## APPLICAZIONI

Gruppi di pressurizzazione a funzionamento automatico realizzati con elettropompe jet autoadescanti.

Molto affidabili e silenziosi sono particolarmente adatti per aumentare la pressione disponibile da una rete di distribuzione, per l'approvvigionamento d'acqua con aspirazione da pozzi e per impianti idrici domestici.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- Serbatoio a membrana butile
- Tubo flessibile raccordato
- Pressostato pre-tarato 1,6÷3,2 bar con cavi
- Manometro
- Raccordo ottone

## APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.

They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.

## OPERATING CONDITIONS

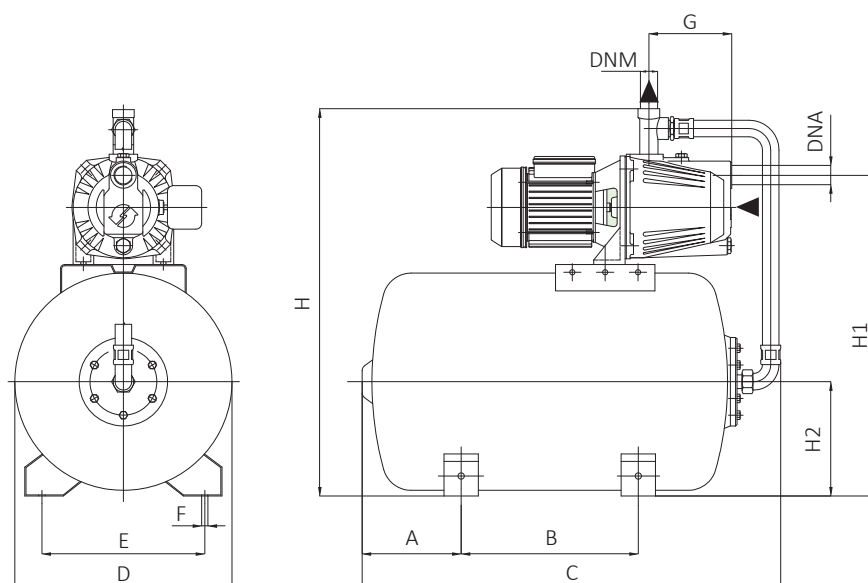
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

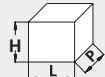
## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

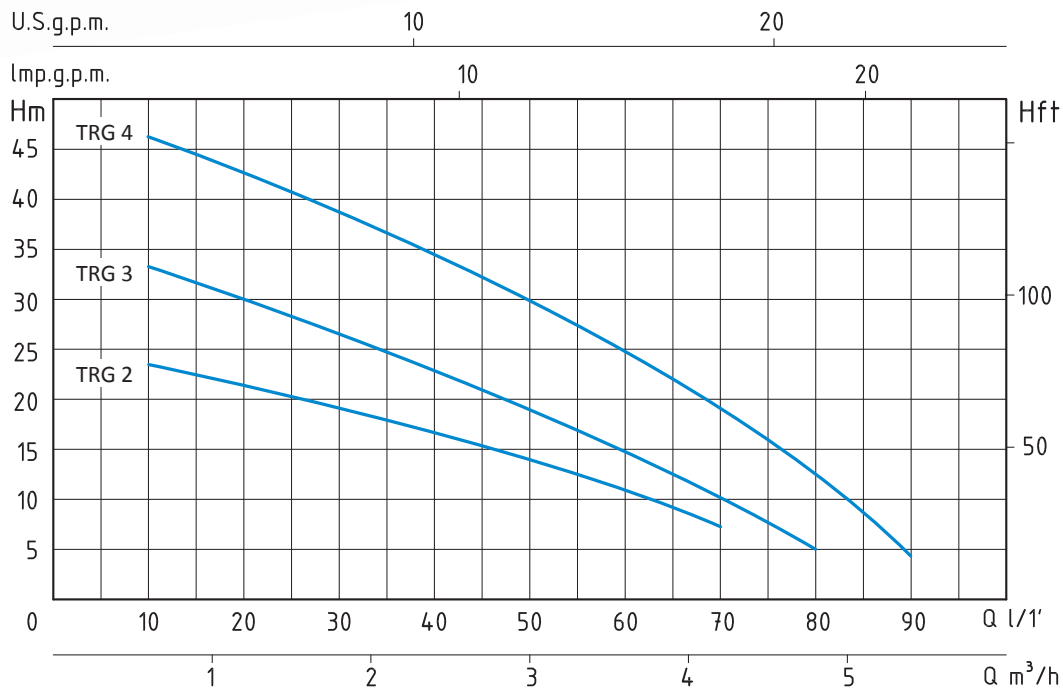
## MATERIALS

- Butyl membrane tank
- Flexible hose with connection
- Adjusted switch on/off pressure 1,6÷3,2 bar with cable
- Pressure gauge
- Brass connection



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |    |     |     |     |     |        |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |  | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|--------|-----|--------------------------------|-----|---------------------------------------------------------------------------------------|----------------|
| Monofase<br>Single-phase | A                            | B   | C   | D   | E   | F  | G   | H   | H1  | H2  | DNA    | DNM | P                              | L   | H                                                                                     | Kg             |
| AJG 66/60                | 173                          | 295 | 748 | 380 | 305 | 11 | 90  | 670 | 545 | 215 | 1"     | 1"  | 400                            | 775 | 730                                                                                   | 29,4           |
| AJG 100/60               | 173                          | 295 | 748 | 380 | 305 | 11 | 145 | 670 | 551 | 215 | 1"     | 1"  | 400                            | 775 | 730                                                                                   | 31,5           |
| AJG 152/60               | 173                          | 295 | 748 | 380 | 305 | 11 | 171 | 698 | 603 | 215 | 1" 1/4 | 1"  | 400                            | 775 | 730                                                                                   | 44,6           |

ELETTROPOMPE  
CENTRIFUGHE MULTIGIRANTI  
  
CENTRIFUGAL  
MULTI-IMPELLER PUMPS



**TRG - 50 HZ - 1 PHASE**

| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Q = PORTATA- CAPACITY |     |      |      |     |    |      |     |     |     |     |  |
|--------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|-----------------------|-----|------|------|-----|----|------|-----|-----|-----|-----|--|
| Monofase<br>Single-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | m³/h                  | 0,6 | 1,2  | 1,8  | 2,4 | 3  | 3,6  | 4,2 | 4,8 | 5,4 | 6   |  |
|                          | HP                                                                 | kW   | kW                                     |                          | lt/1'                 | 10  | 20   | 30   | 40  | 50 | 60   | 70  | 80  | 90  | 100 |  |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                       |     |      |      |     |    |      |     |     |     |     |  |
| TRG 2                    | 0,5                                                                | 0,37 | 0,55                                   | 2,5                      | H<br>(m)              | 23  | 21,5 | 19,5 | 17  | 14 | 11   | 7,5 |     |     |     |  |
| TRG 3                    | 0,75                                                               | 0,55 | 0,8                                    | 3,5                      |                       | 33  | 30   | 26,5 | 23  | 19 | 14,5 | 10  | 5   |     |     |  |
| TRG 4                    | 1                                                                  | 0,75 | 0,9                                    | 4,3                      |                       | 46  | 43   | 39,5 | 35  | 30 | 24   | 17  | 10  | 4   |     |  |

APPLICAZIONI

Elettropompe centrifughe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione. Particolarmente adatte per impianti automatici comandati da regolatori di flusso.

LIMITI D'IMPIEGO

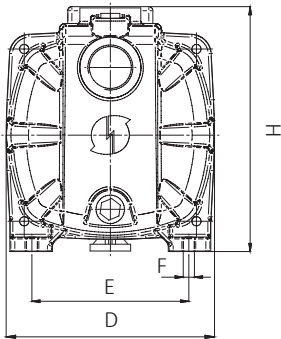
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

MATERIALI

- |                     |                      |
|---------------------|----------------------|
| - Corpo pompa       | Ghisa                |
| - Supporto motore   | Ghisa                |
| - Girante           | Noryl                |
| - Albero motore     | Acciaio Inox         |
| - Tenute meccaniche | Ceramica/Grafite/NBR |



APPLICATION

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings, for small sprinkler irrigations. Particularly suitable for automatic systems controlled by pressure regulator.

OPERATING CONDITIONS

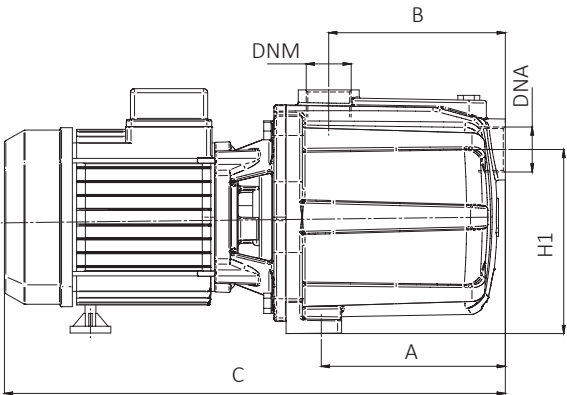
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

MATERIALS

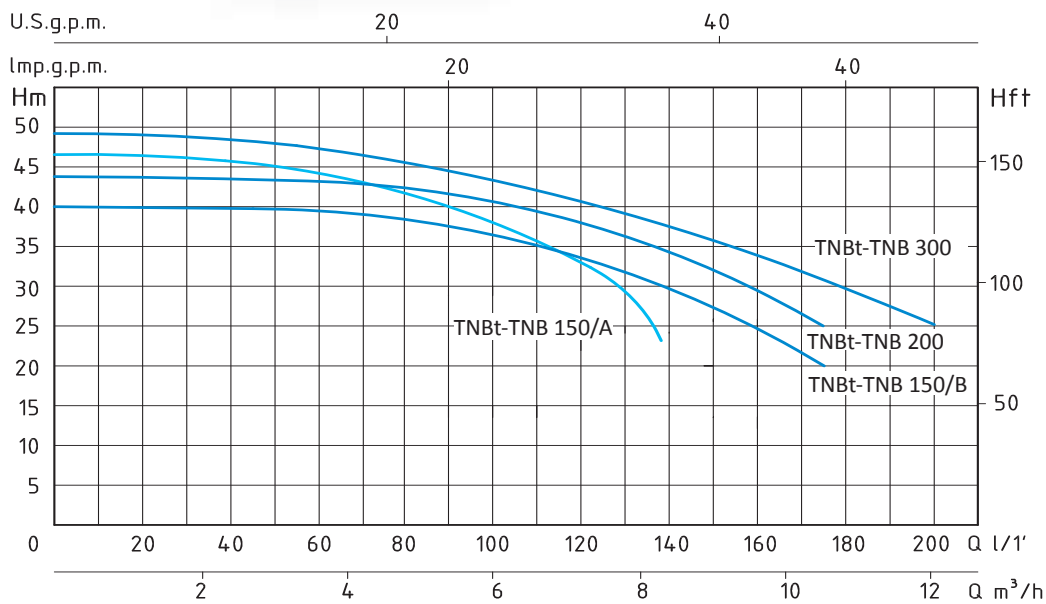
- |                    |                      |
|--------------------|----------------------|
| - Pump body        | Cast Iron            |
| - Motor support    | Cast Iron            |
| - Impeller         | Noryl                |
| - Shaft with rotor | Stainless Steel      |
| - Mechanical seal  | Ceramic/Graphite/NBR |



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |   |     |     |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|-----|-----|-----|---|-----|-----|----------------------|-----|-----|--------------------------------|-----|-----|----------------|
|                          | A                            | B   | C   | D   | E   | F | H   | H1  | Giranti<br>Impellers | DNA | DNM | P                              | L   | H   |                |
| Monofase<br>Single-phase |                              |     |     |     |     |   |     |     |                      |     |     |                                |     |     | Kg             |
| TRG 2                    | 65                           | 80  | 300 | 154 | 120 | 9 | 178 | 135 | 2                    | 1"  | 1"  | 175                            | 360 | 196 | 9,4            |
| TRG 3                    | 96                           | 103 | 325 | 154 | 120 | 9 | 178 | 135 | 3                    | 1"  | 1"  | 175                            | 360 | 196 | 10,2           |
| TRG 4                    | 119                          | 128 | 376 | 154 | 120 | 9 | 193 | 135 | 4                    | 1"  | 1"  | 191                            | 442 | 208 | 13,7           |



ELETTROPOMPE CENTRIFUGHE BIGIRANTI  
TWIN IMPELLER CENTRIFUGAL PUMPS



TNB - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i>                        |            | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |          |      |      |     |      |      |     |    |    |    |  |
|--------------------------|------------------------|--------------------------------------------------------------------|------------|------------------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|----------|------|------|-----|------|------|-----|----|----|----|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |            | P1                                             | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0    | 1,5  | 3    | 4,5      | 5,4  | 6    | 7,5 | 9    | 10,5 | 12  |    |    |    |  |
|                          |                        | HP                                                                 | kW         | kW                                             |                          |                        | lt/1'                 | 0    | 25   | 50   | 75       | 90   | 100  | 125 | 150  | 175  | 200 |    |    |    |  |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |            |                                                |                          |                        |                       |      |      |      |          |      |      |     |      |      |     |    |    |    |  |
|                          |                        | TNB 150/A                                                          | TNBt 150/A | 1,5                                            |                          |                        | 1,1                   | 2    | 8,8  | 4    | H<br>(m) | 46   | 45   | 44  | 42   | 40   | 38  | 31 |    |    |  |
|                          |                        | TNB 150/B                                                          | TNBt 150/B | 1,5                                            |                          |                        | 1,1                   | 2    | 8,8  | 4    |          | 40   | 39,5 | 39  | 38   | 37   | 36  | 32 | 27 | 20 |  |
| TNB 200                  | TNBt 200               | 2                                                                  | 1,5        | 2,3                                            | 10,5                     | 4,7                    | 44                    | 43,8 | 43,5 | 42,5 |          | 41,5 | 40,5 | 37  | 32   | 25   |     |    |    |    |  |
| TNB 300                  | TNBt 300               | 3                                                                  | 2,2        | 3                                              | 13,5                     | 5,2                    | 49                    | 48   | 47   | 46,5 |          | 46,3 | 46   | 43  | 38,5 | 32   | 25  |    |    |    |  |

APPLICAZIONI

Elettropompe centrifughe bigiranti indicate per aspirazioni fino a 7mt. Adatte per usi civili e industriali, per il sollevamento di acqua pulita e liquidi chimicamente non aggressivi. Particolarmente adatte per impianti di pressurizzazione.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo pompa Ghisa
- Supporto motore Ghisa
- Girante Noryl
- Diffusore Noryl
- Albero motore Acciaio Inox
- Tenute meccaniche Ceramica/Grafite/NBR

APPLICATION

Twin impeller centrifugal water pumps for suction up to 7 mt. Suitable for civil and industrial purposes and to drain clean water and non-aggressive liquid. Particularly suitable for high pressure systems.

OPERATING CONDITIONS

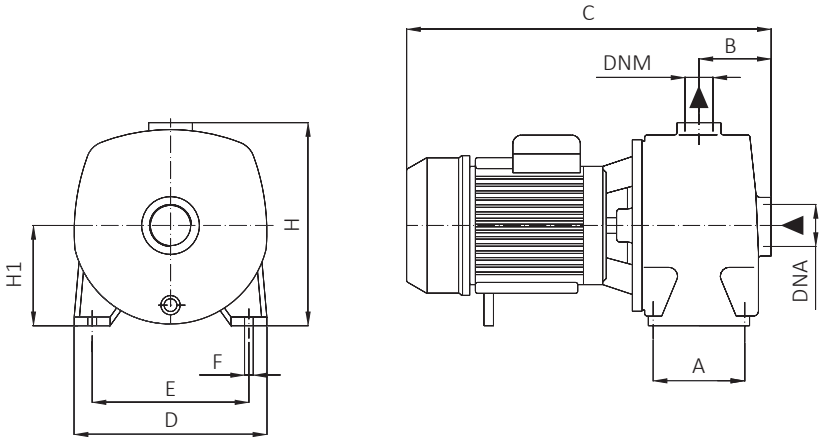
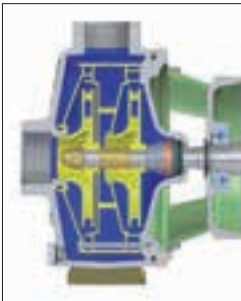
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

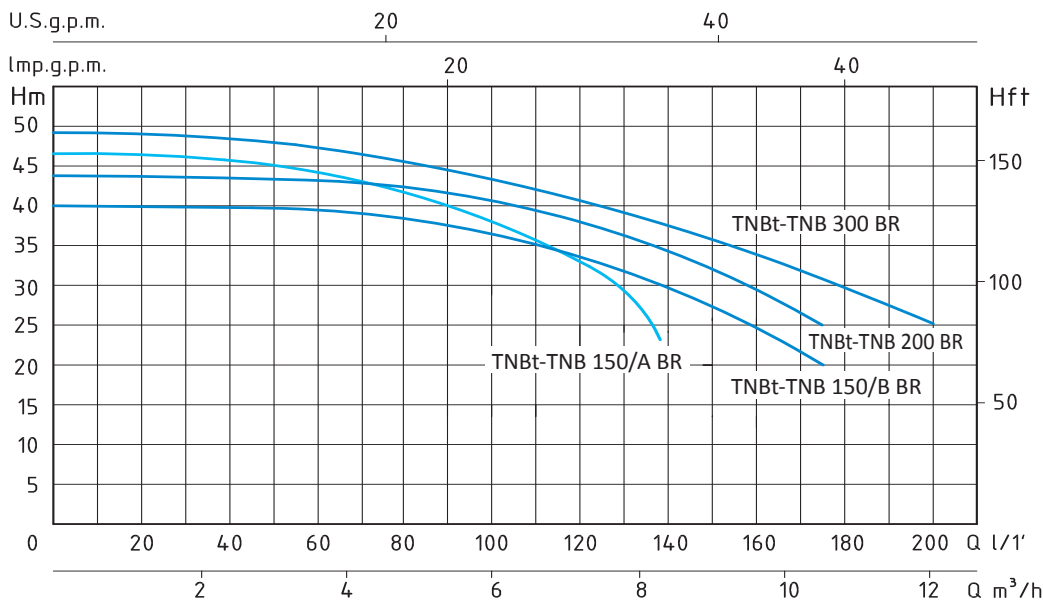
- Pump body Cast Iron
- Motor Support Cast Iron
- Impeller Noryl
- Diffuser Noryl
- Shaft with rotor Stainless Steel
- Mechanical seal Ceramic/Graphite/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |      |     |     |     |    |     |     |      |      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|------|-----|-----|-----|----|-----|-----|------|------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B    | C   | D   | E   | F  | H   | H1  | DNA  | DNM  | P                              | L   | H   | Kg             |
| TNB 150/A                | TNBt 150/A             | 108                           | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 21,9           |
| TNB 150/B                | TNBt 150/B             | 108                           | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 21,9           |
| TNB 200                  | TNBt 200               | 108                           | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 24,5           |
| TNB 300                  | TNBt 300               | 108                           | 76,5 | 444 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 25,3           |

ELETTROPOMPE CENTRIFUGHE  
BIGIRANTI OTTONE

TWIN BRASS  
IMPELLER CENTRIFUGAL  
PUMPS



TNB-BR - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br><i>NOMINAL POWER</i> |     | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   |                        | Q = PORTATA - CAPACITY |    |      |      |      |      |      |     |      |      |     |
|---------------------------------------------------------------------|------------------------|---------------------------------------------|-----|------------------------------------------------|--------------------------|------------------------|------------------------|----|------|------|------|------|------|-----|------|------|-----|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                          |     | P1                                             | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 0  | 1,5  | 3    | 4,5  | 5,4  | 6    | 7,5 | 9    | 10,5 | 12  |
|                                                                     |                        | HP                                          | kW  | kW                                             |                          |                        | lt/1'                  | 0  | 25   | 50   | 75   | 90   | 100  | 125 | 150  | 175  | 200 |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                             |     |                                                |                          |                        |                        |    |      |      |      |      |      |     |      |      |     |
| TNB 150/A BR                                                        | TNBt 150/A BR          | 1,5                                         | 1,1 | 2                                              | 8,8                      | 4                      | H<br>(m)               | 46 | 45   | 44   | 42   | 40   | 38   | 31  |      |      |     |
| TNB 150/B BR                                                        | TNBt 150/B BR          | 1,5                                         | 1,1 | 2                                              | 8,8                      | 4                      |                        | 40 | 39,5 | 39   | 38   | 37   | 36   | 32  | 27   | 20   |     |
| TNB 200 BR                                                          | TNBt 200 BR            | 2                                           | 1,5 | 2,3                                            | 10,5                     | 4,7                    |                        | 44 | 43,8 | 43,5 | 42,5 | 41,5 | 40,5 | 37  | 32   | 25   |     |
| TNB 300 BR                                                          | TNBt 300 BR            | 3                                           | 2,2 | 3                                              | 13,5                     | 5,2                    |                        | 49 | 48   | 47   | 46,5 | 46,3 | 46   | 43  | 38,5 | 32   | 25  |

APPLICAZIONI

Elettropompe centrifughe bigiranti indicate per aspirazioni fino a 7mt. Adatte per usi civili e industriali, per il sollevamento di acqua pulita e liquidi chimicamente non aggressivi. Particolarmente adatte per impianti di pressurizzazione.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d’aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                      |
|---------------------|----------------------|
| - Corpo pompa       | Ghisa                |
| - Supporto motore   | Ghisa                |
| - Girante           | Ottone               |
| - Diffusore         | Noryl                |
| - Albero motore     | Acciaio Inox         |
| - Tenute meccaniche | Ceramica/Grafite/NBR |

APPLICATION

Twin impeller centrifugal water pumps for suction up to 7 mt. Suitable for civil and industrial purposes and to drain clean water and non-aggressive liquid. Particularly suitable for high pressure systems.

OPERATING CONDITIONS

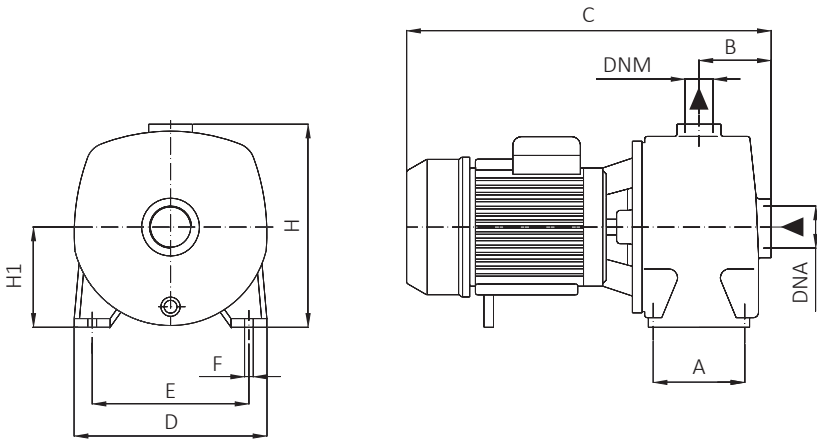
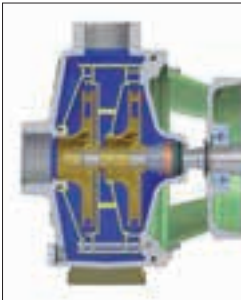
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

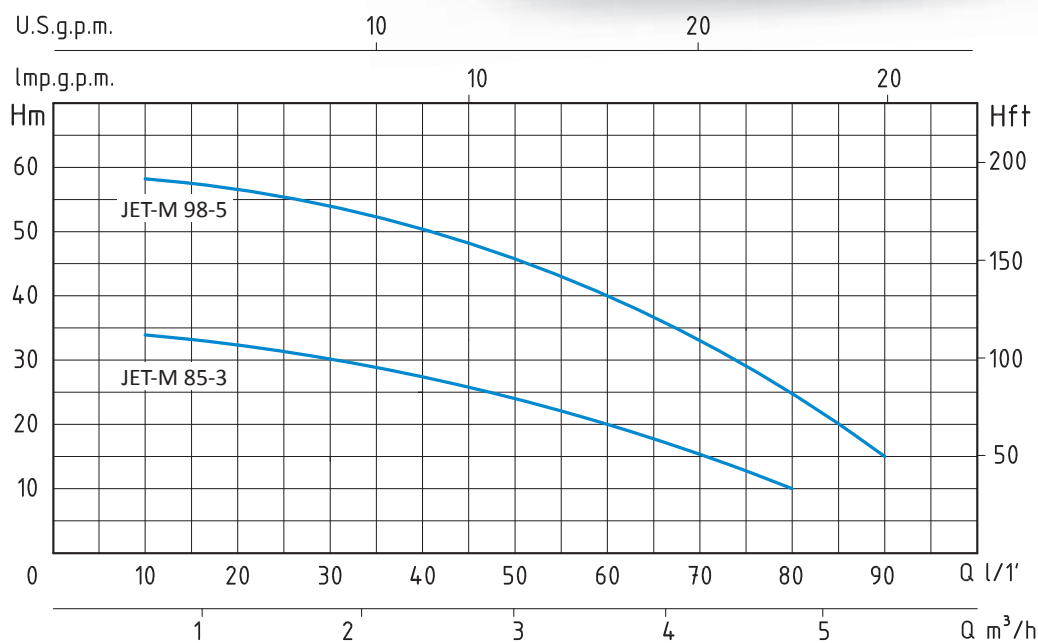
MATERIALS

- |                    |                      |
|--------------------|----------------------|
| - Pump body        | Cast Iron            |
| - Motor Support    | Cast Iron            |
| - Impeller         | Brass                |
| - Diffuser         | Noryl                |
| - Shaft with rotor | Stainless Steel      |
| - Mechanical seal  | Ceramic/Graphite/NBR |



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |      |     |     |     |    |     |     |      |      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|------|-----|-----|-----|----|-----|-----|------|------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B    | C   | D   | E   | F  | H   | H1  | DNA  | DNM  | P                              | L   | H   | Kg             |
| TNB 150/A BR             | TNBt 150/A BR          | 108                           | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 22             |
| TNB 150/B BR             | TNBt 150/B BR          | 108                           | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 22             |
| TNB 200 BR               | TNBt 200 BR            | 108                           | 76,5 | 390 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 25             |
| TNB 300 BR               | TNBt 300 BR            | 108                           | 76,5 | 444 | 200 | 160 | 10 | 237 | 114 | 1" ½ | 1" ¼ | 235                            | 490 | 295 | 26             |

ELETTROPOMPE CENTRIFUGHE AUTOADESCANTI MULTIGIRANTI  
CENTRIFUGAL SELFPRIMING MULTI-IMPELLER PUMPS



JET-M - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA NOMINALE<br>NOMINAL<br>POWER                                |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Q = PORTATA- CAPACITY |     |     |     |     |    |     |     |     |     |
|--------------------------|---------------------------------------------------------------------|-----|----------------------------------------|--------------------------|-----------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|
| Monofase<br>Single-phase | P2                                                                  |     | P1                                     | Monofase<br>Single-phase | m³/h                  | 0,6 | 1,2 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 |
|                          | HP                                                                  | kW  | kW                                     |                          | lt/1'                 | 10  | 20  | 30  | 40  | 50 | 60  | 70  | 80  | 90  |
|                          | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                        |                          |                       |     |     |     |     |    |     |     |     |     |
| JET-M 85-3               | 0,9                                                                 | 0,7 | 0,9                                    | 4                        | H<br>(m)              | 34  | 32  | 30  | 28  | 24 | 20  | 15  | 10  |     |
| JET-M 98-5               | 1,3                                                                 | 1   | 1,3                                    | 5,8                      |                       | 58  | 56  | 52  | 48  | 44 | 39  | 31  | 23  | 15  |

## APPLICAZIONI

Elettropompe centrifughe autoadescanti multigiranti sviluppano una notevole pressione e nel contempo un' elevata portata d'acqua con un basso consumo di energia.

Elettropompa universale per applicazioni civili ed industriali per impianti di lavaggio, ad alta pressione, per l'irrigazione, per l'agricoltura e per impianti sportivi.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- |                       |                       |
|-----------------------|-----------------------|
| - Corpo pompa         | Acciaio Inox AISI 304 |
| - Supporto motore     | Alluminio             |
| - Girante             | Noryl                 |
| - Diffusore           | Noryl                 |
| - Flangia portatenuta | Acciaio Inox AISI 304 |
| - Albero motore       | Acciaio Inox AISI 304 |
| - Tenute meccaniche   | Ceramica/Grafite/NBR  |

## APPLICATION

Centrifugal selfpriming multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Universal pump for civil and industrial purposes, for high pressure system and for irrigation in agriculture and sports fittings.

## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 8 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

## MATERIALS

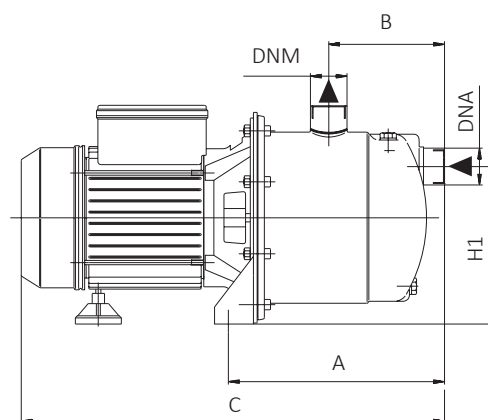
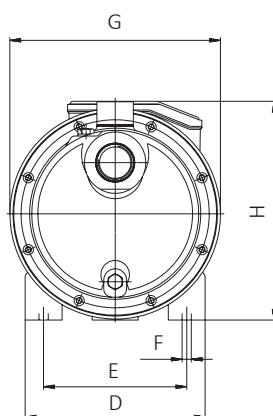
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor Support    | Aluminium                |
| - Impeller         | Noryl                    |
| - Diffuser         | Noryl                    |
| - Pump flange      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



JET-M 85-3



JET-M 98-5



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |   |     |     |     |                      |     |     | <div>DIMENSIONI<br/>DIMENSIONS<br/>mm</div>  |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|-----|-----|-----|---|-----|-----|-----|----------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | A                            | B   | C   | D   | E   | F | G   | H   | H1  | Giranti<br>Impellers | DNA | DNM | P                                                                                                                                 | L   | H   | Kg             |
| JET-M 85-3               | 163                          | 81  | 343 | 176 | 140 | 9 | 184 | 200 | 149 | 3                    | 1"  | 1"  | 200                                                                                                                               | 414 | 228 | 8,3            |
| JET-M 98-5               | 210                          | 113 | 415 | 176 | 140 | 9 | 206 | 212 | 154 | 5                    | 1"  | 1"  | 214                                                                                                                               | 455 | 232 | 11,9           |



ELETTROPOMPE CENTRIFUGHE MULTIGIRANTI  
CENTRIFUGAL MULTI-IMPELLER PUMPS



APPLICAZIONI

Elettropompe centrifughe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi).

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Noryl                 |
| - Diffusori         | Noryl                 |
| - Camicia pompa     | Acciaio Inox AISI 304 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

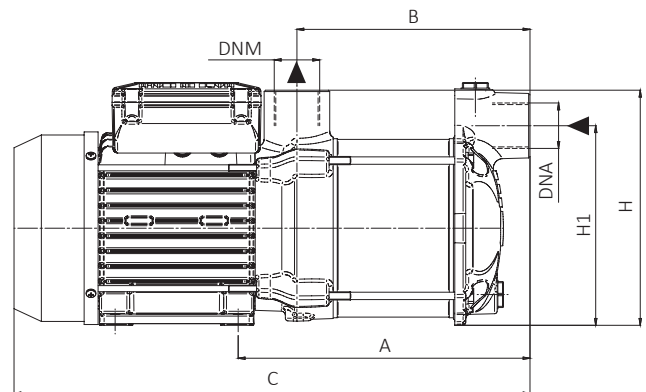
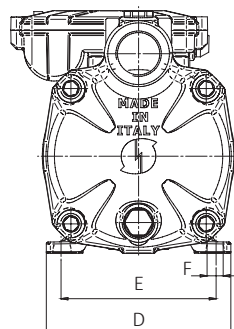
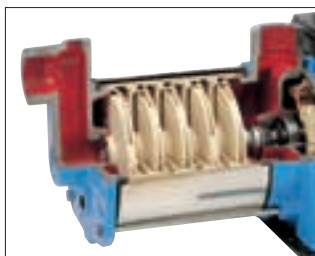
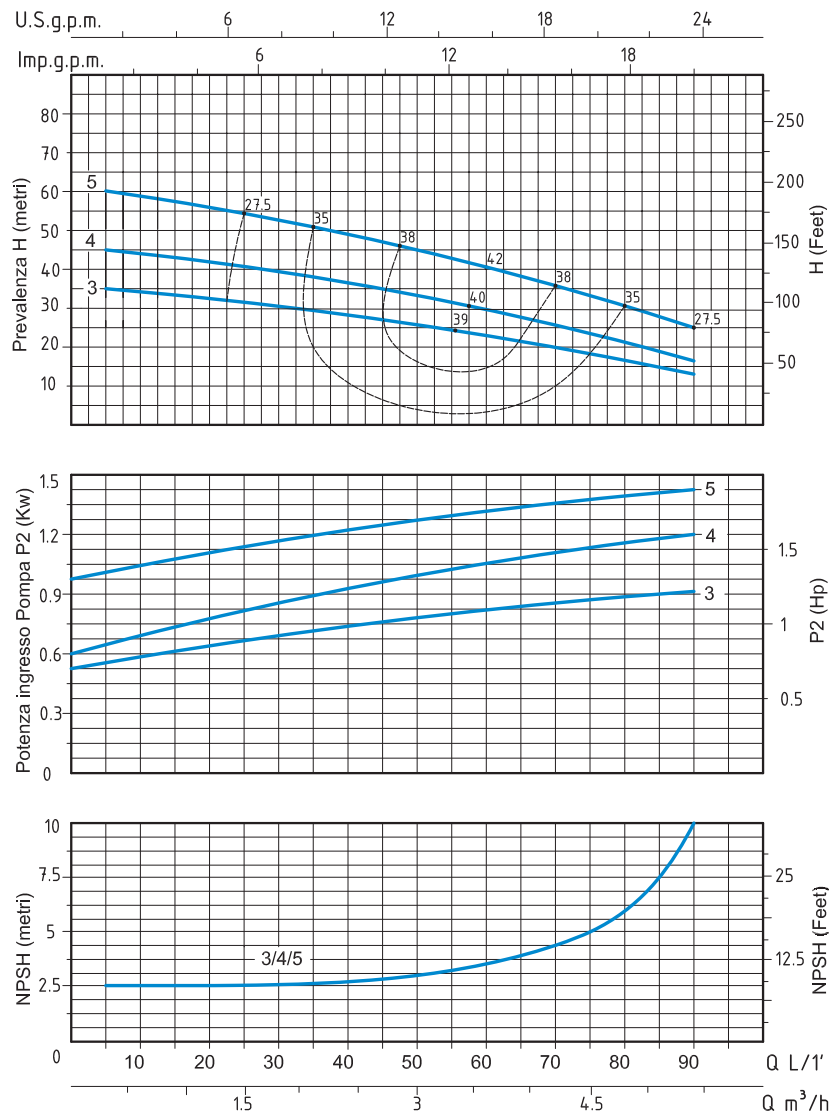
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffusers        | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

MULTI - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA NOMINALE<br>NOMINAL<br>POWER                                |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |
|--------------------------|------------------------|---------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,2 | 4,5 | 4,8 | 5,4 |
|                          |                        | HP                                                                  | kW  | kW                                     |                          |                        | lt/1'                 | 10  | 20  | 30  | 45  | 60  | 70  | 75  | 80  | 90  |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |     |
| MULTI 3                  | MULTIt 3               | 0,8                                                                 | 0,6 | 0,8                                    | 3,5                      | 1,8                    | H<br>(m)              | 34  | 33  | 31  | 28  | 23  | 20  | 18  | 15  | 13  |
| MULTI 4                  | MULTIt 4               | 1                                                                   | 0,7 | 1                                      | 4,8                      | 2,2                    |                       | 45  | 44  | 43  | 38  | 33  | 29  | 25  | 21  | 18  |
| MULTI 5                  | MULTIt 5               | 1,5                                                                 | 1,1 | 1,4                                    | 6,2                      | 3                      |                       | 60  | 56  | 53  | 47  | 40  | 37  | 33  | 28  | 24  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |   |     |     |                      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|---|-----|-----|----------------------|-----|--------------------------------|-----|-----|----------------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | E   | F | H   | H1  | Giranti<br>Impellers | DNA | DNM                            | P   | L   | H              | Kg   |
| MULTI 3                  | MULTIt 3               | 214                          | 170 | 378 | 135 | 112 | 7 | 172 | 112 | 3                    | 1"  | 1"                             | 184 | 464 | 202            | 12,3 |
| MULTI 4                  | MULTIt 4               | 238                          | 194 | 402 | 135 | 112 | 7 | 172 | 112 | 4                    | 1"  | 1"                             | 184 | 464 | 202            | 13,8 |
| MULTI 5                  | MULTIt 5               | 262                          | 218 | 426 | 135 | 112 | 7 | 172 | 112 | 5                    | 1"  | 1"                             | 184 | 464 | 202            | 13,9 |

ELETTROPOMPE CENTRIFUGHE MULTIGIRANTI  
CENTRIFUGAL MULTI-IMPELLER PUMPS



APPLICAZIONI

Elettropompe centrifughe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi).

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Noryl                 |
| - Diffusori         | Noryl                 |
| - Camicia pompa     | Acciaio Inox AISI 304 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Silicio/Silicio/NBR   |

APPLICATION

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

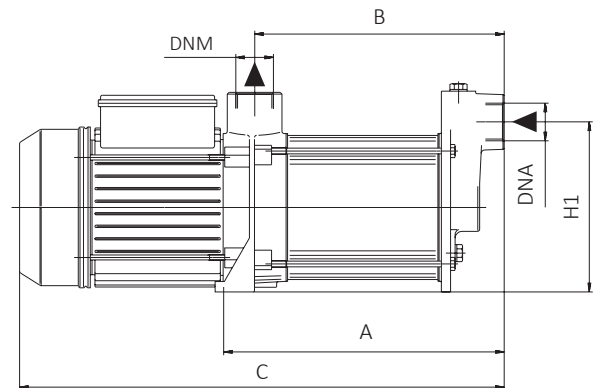
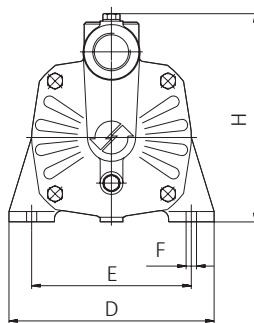
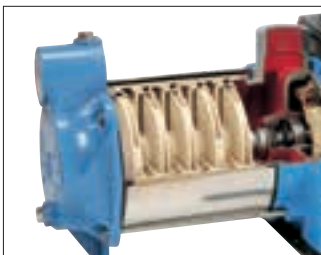
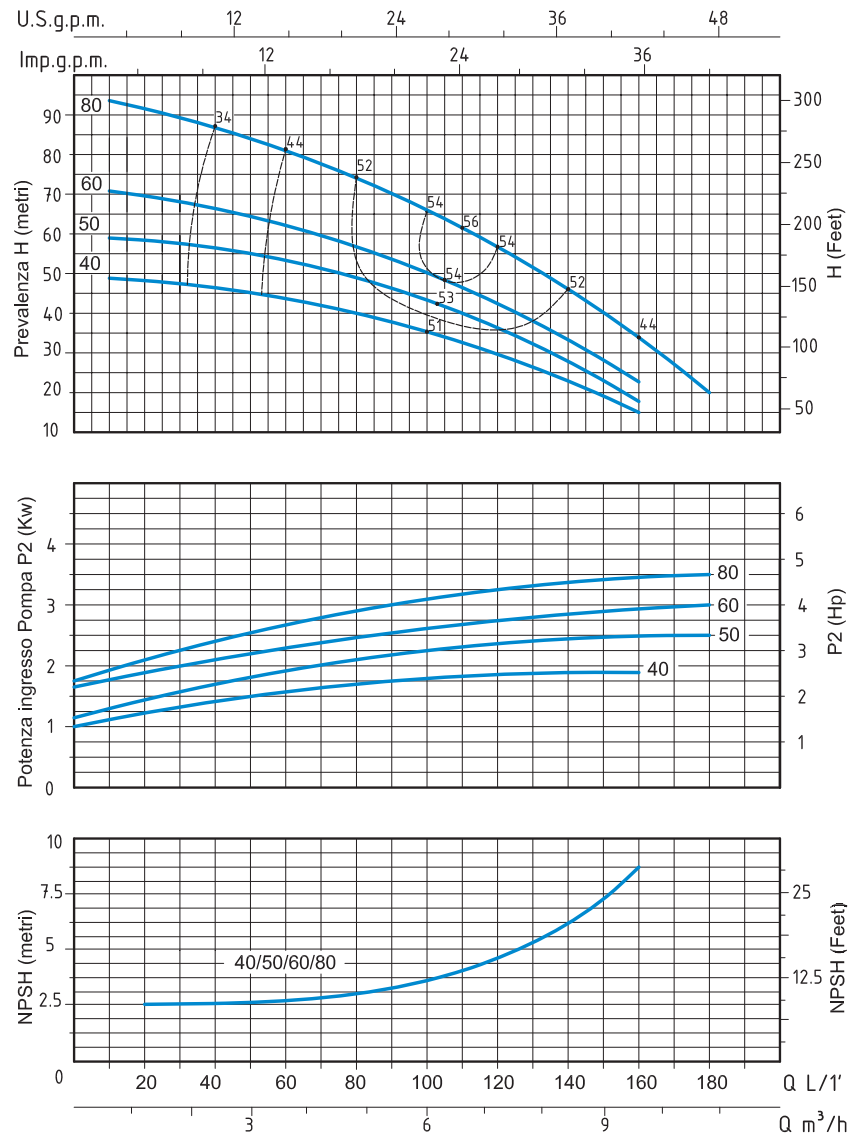
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffusers        | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Silicon/Silicon/NBR      |

MULTI - 50 HZ - 1 PHASE / 3 PHASE

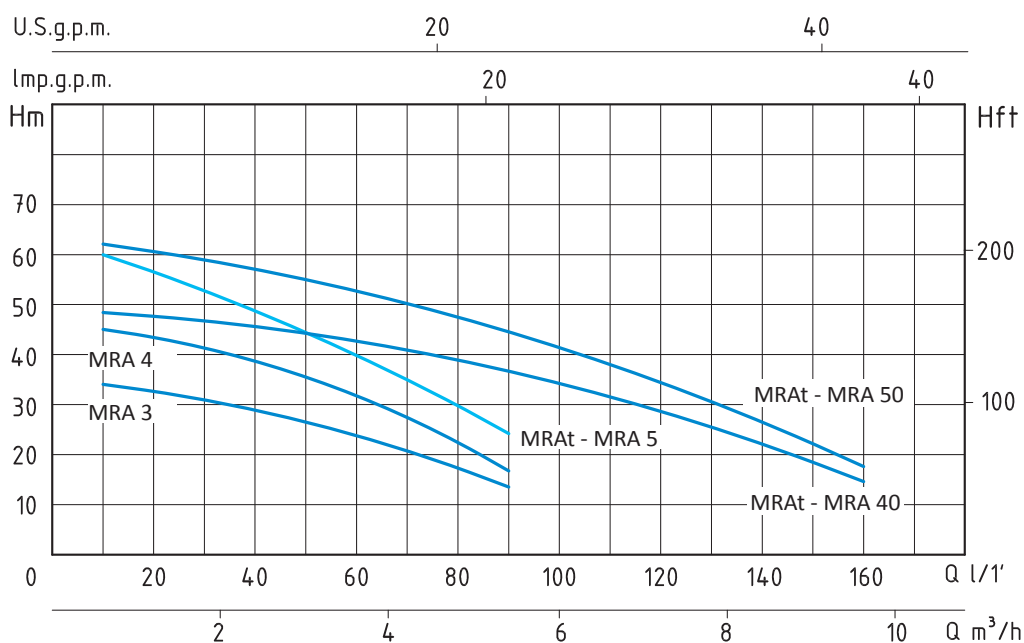
| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |    | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |     |     |     |     |     |     |     |     |     |     |  |
|--------------------------|------------------------|--------------------------------------------------------------------|----|----------------------------------------|--------------------------|------------------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |    | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 7,2 | 8,4 | 9,6 |  |
|                          |                        | HP                                                                 | kW | kW                                     |                          |                        | lt/1'                  | 10  | 20  | 30  | 45  | 60  | 75  | 90  | 120 | 140 | 160 |  |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |    |                                        |                          |                        |                        |     |     |     |     |     |     |     |     |     |     |  |
|                          |                        | H<br>(m)                                                           | 49 | 48                                     |                          |                        | 47                     | 44  | 43  | 40  | 37  | 30  | 23  | 15  |     |     |     |  |
|                          |                        |                                                                    | 59 | 57                                     |                          |                        | 56                     | 55  | 52  | 48  | 44  | 34  | 25  | 18  |     |     |     |  |
| 71                       | 68                     |                                                                    | 67 | 65                                     | 64                       | 58                     | 53                     | 41  | 32  | 22  |     |     |     |     |     |     |     |  |
| 95                       | 92                     |                                                                    | 90 | 88                                     | 83                       | 78                     | 73                     | 58  | 46  | 30  |     |     |     |     |     |     |     |  |
|                          | MULTIt 80              | 4                                                                  | 3  | 3,5                                    |                          | 6,6                    |                        |     |     |     |     |     |     |     |     |     |     |  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |    |     |     |                      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|----|-----|-----|----------------------|-----|--------------------------------|-----|-----|----------------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | E   | F  | H   | H1  | Giranti<br>Impellers | DNA | DNM                            | P   | L   | H              | Kg   |
| MULTI 40                 | MULTIt 40              | 269                          | 228 | 514 | 194 | 150 | 13 | 242 | 189 | 4                    | 1"¼ | 1"                             | 226 | 530 | 278            | 23,4 |
| MULTI 50                 | MULTIt 50              | 298                          | 257 | 543 | 194 | 150 | 13 | 242 | 189 | 5                    | 1"¼ | 1"                             | 240 | 610 | 285            | 24,6 |
| MULTI 60                 | MULTIt 60              | 327                          | 286 | 572 | 194 | 150 | 13 | 242 | 189 | 6                    | 1"¼ | 1"                             | 240 | 610 | 285            | 27,4 |
|                          | MULTIt 80              | 385                          | 344 | 630 | 194 | 150 | 13 | 242 | 189 | 8                    | 1"¼ | 1"                             | 235 | 675 | 290            | 27,9 |

## ELETTROPOMPE AUTOADESCANTI MULTIGIRANTI

SELFPRIMING MULTI-IMPELLER PUMPS



### MRA - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY                                              |     |     |     |     |     |     |     |     |     |     |
|--------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|---------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                                | 0,6 | 1,2 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 7,2 | 8,4 | 9,6 |
|                          |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                                                               | 10  | 20  | 30  | 45  | 60  | 75  | 90  | 120 | 140 | 160 |
|                          |                        |                                         |     |                                        |                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |
| MRA 3                    |                        | 0,8                                     | 0,6 | 0,8                                    | 3,6                      |                        | H<br>(m)                                                            | 34  | 33  | 31  | 28  | 23  | 18  | 13  |     |     |     |
| MRA 4                    |                        | 1                                       | 0,7 | 1,1                                    | 5                        |                        |                                                                     | 45  | 44  | 43  | 38  | 33  | 25  | 18  |     |     |     |
| MRA 5                    | MRAt 5                 | 1,5                                     | 1,1 | 1,4                                    | 6,2                      | 3                      |                                                                     | 60  | 56  | 53  | 47  | 40  | 33  | 24  |     |     |     |
| MRA 40                   | MRAt 40                | 2                                       | 1,5 | 2                                      | 9,3                      | 4,2                    |                                                                     | 49  | 48  | 47  | 46  | 43  | 40  | 37  | 28  | 23  | 15  |
| MRA 50                   | MRAt 50                | 2,5                                     | 1,9 | 2,5                                    | 11,5                     | 4,8                    |                                                                     | 61  | 60  | 58  | 57  | 53  | 48  | 45  | 35  | 26  | 18  |

APPLICAZIONI

Elettropompe autoadescanti multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi).

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 44 (3-4-5)
- Protezione IP 55 (40-50)

MATERIALI

- Corpo pompa
- Supporto motore
- Girante
- Diffusori
- Camicia pompa
- Albero motore
- Tenute meccaniche (3-4-5)
- Tenute meccaniche (40-50)

- Ghisa
- Ghisa
- Noryl
- Noryl
- Acciaio Inox AISI 304
- Acciaio Inox AISI 304
- Ceramica/Grafite/NBR
- Silicio/Silicio/NBR

APPLICATION

Selfpriming horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.

OPERATING CONDITIONS

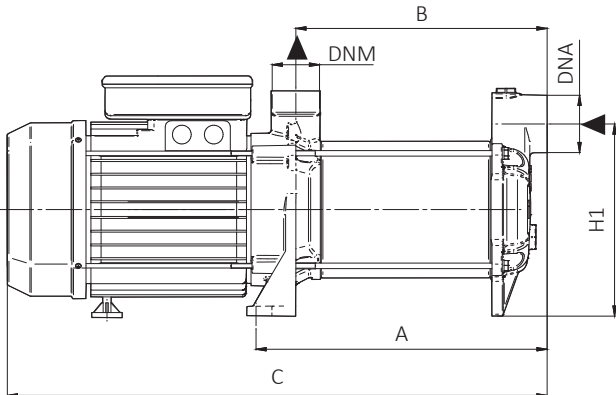
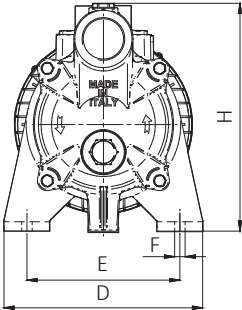
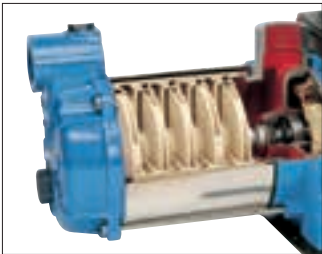
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 44 (3-4-5)
- Protection IP 55 (40-50)

MATERIALS

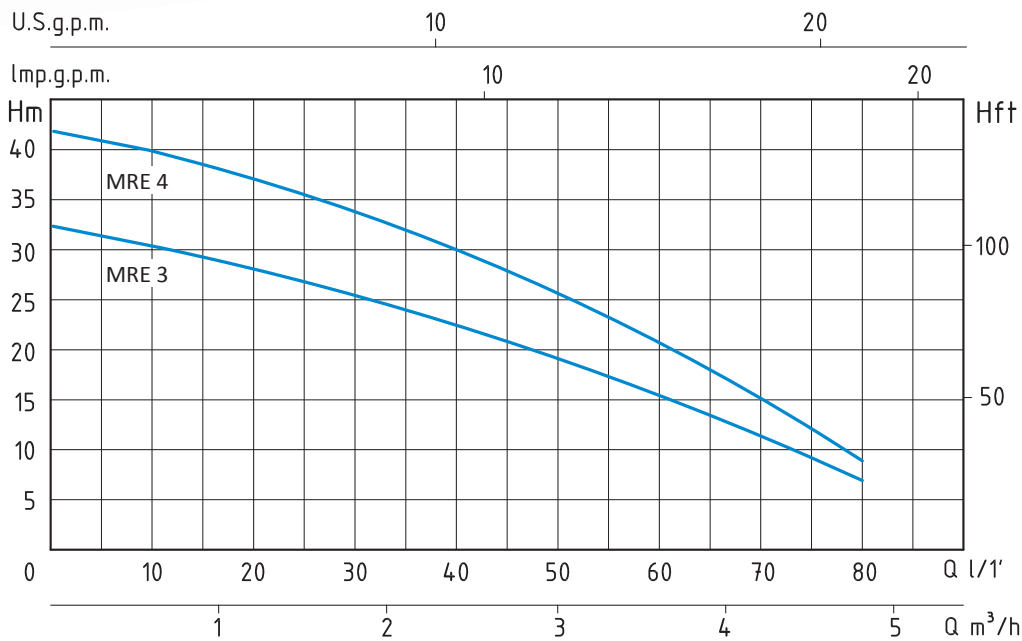
- Pump body
- Motor support
- Impeller
- Diffusers
- Pump casing
- Shaft with rotor
- Mechanical seal (3-4-5)
- Mechanical seal (40-50)
- Cast Iron
- Cast Iron
- Noryl
- Noryl
- Stainless Steel AISI 304
- Stainless Steel AISI 304
- Ceramic/Graphite/NBR
- Silicon/Silicon/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |       |     |     |     |     |     |     |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-------|-----|-----|-----|-----|-----|-----|----------------------|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B     | C   | D   | E   | F   | H   | H1  | Giranti<br>Impellers | DNA | DNM | P                              | L   | H   | Kg             |
| MRA 3                    |                        | 214                          | 170   | 358 | 120 | 100 | 7   | 150 | 112 | 3                    | 1"  | 1"  | 190                            | 478 | 196 | 12,4           |
| MRA 4                    |                        | 238                          | 194   | 382 | 120 | 100 | 7   | 150 | 112 | 4                    | 1"  | 1"  | 190                            | 478 | 196 | 13,9           |
| MRA 5                    | MRAt 5                 | 262                          | 238   | 446 | 180 | 140 | 9,5 | 185 | 150 | 5                    | 1"  | 1"  | 190                            | 478 | 196 | 14,9           |
| MRA 40                   | MRAt 40                | 277                          | 246,5 | 533 | 194 | 150 | 13  | 242 | 189 | 4                    | 1"¼ | 1"  | 240                            | 610 | 285 | 23,8           |
| MRA 50                   | MRAt 50                | 306                          | 275,5 | 562 | 194 | 150 | 13  | 242 | 189 | 5                    | 1"¼ | 1"  | 240                            | 610 | 285 | 24,9           |



ELETTROPOMPE CENTRIFUGHE  
MULTIGIRANTI  
CENTRIFUGAL MULTI-IMPELLER PUMPS



| MRE - 50 HZ - 1 PHASE    |                                                                     |      |                                                |                          |                       |    |     |     |     |     |    |     |     |     |
|--------------------------|---------------------------------------------------------------------|------|------------------------------------------------|--------------------------|-----------------------|----|-----|-----|-----|-----|----|-----|-----|-----|
| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br><i>NOMINAL<br/>POWER</i>                     |      | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   | Q = PORTATA- CAPACITY |    |     |     |     |     |    |     |     |     |
| Monofase<br>Single-phase | P2                                                                  |      | P1                                             | Monofase<br>Single-phase | m³/h                  | 0  | 0,6 | 1,2 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 |
|                          | HP                                                                  | kW   | kW                                             |                          | lt/1'                 | 0  | 10  | 20  | 30  | 40  | 50 | 60  | 70  | 80  |
|                          | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                                |                          |                       |    |     |     |     |     |    |     |     |     |
| MRE 3                    | 0,5                                                                 | 0,37 | 0,6                                            | 2,8                      | H<br>(m)              | 32 | 30  | 28  | 25  | 22  | 19 | 16  | 12  | 7   |
| MRE 4                    | 0,75                                                                | 0,55 | 0,8                                            | 3,8                      |                       | 42 | 39  | 36  | 33  | 30  | 25 | 20  | 15  | 9   |

## APPLICAZIONI

Elettropompe centrifughe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi).

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 44

## MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Acciaio Inox AISI 304 |
| - Diffusori         | Noryl                 |
| - Camicia pompa     | Acciaio Inox AISI 304 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

## APPLICATION

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.

## OPERATING CONDITIONS

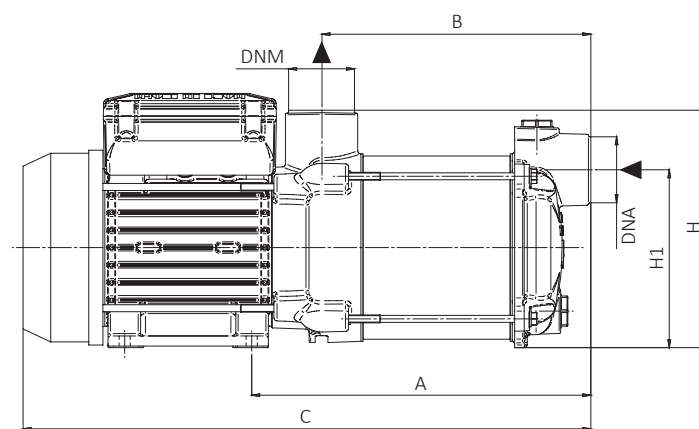
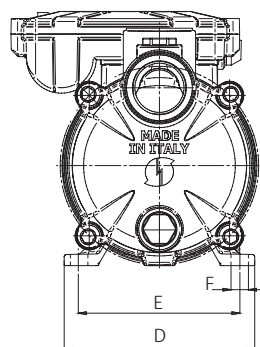
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 44

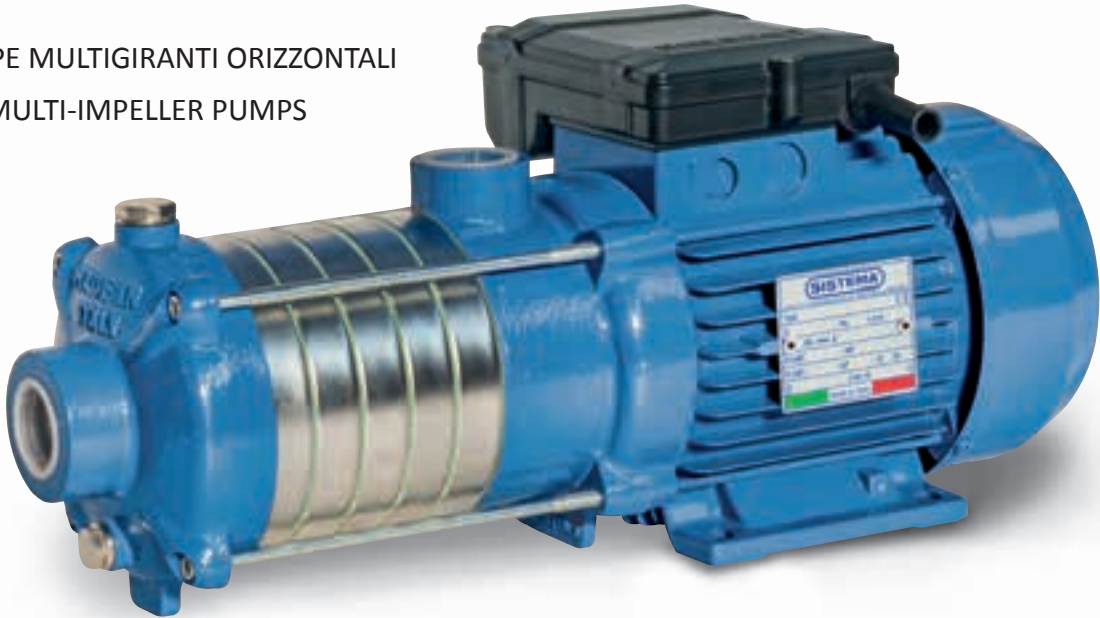
## MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffusers        | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |   |     |     |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|-----|-----|-----|---|-----|-----|----------------------|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | A                            | B   | C   | D   | E   | F | H   | H1  | Giranti<br>Impellers | DNA | DNM | P                              | L   | H   | Kg             |
| MRE 3                    | 214                          | 170 | 358 | 120 | 100 | 7 | 150 | 112 | 3                    | 1"  | 1"  | 168                            | 409 | 175 | 9,3            |
| MRE 4                    | 238                          | 194 | 382 | 120 | 100 | 7 | 150 | 112 | 4                    | 1"  | 1"  | 168                            | 409 | 175 | 10,1           |

ELETTROPOMPE MULTIGIRANTI ORIZZONTALI  
HORIZONTAL MULTI-IMPELLER PUMPS



APPLICAZIONI

Elettropompe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                        |
|---------------------|------------------------|
| - Corpo pompa       | Ghisa                  |
| - Supporto motore   | Ghisa                  |
| - Girante           | Acciaio Inox AISI 304  |
| - Diffusori         | Acciaio Inox AISI 304  |
| - Albero motore     | Acciaio Inox AISI 304  |
| - Tenute meccaniche | Ceramica/Grafite/Viton |

APPLICATION

Horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing. Particularly suitable for automatic systems controlled by pressure regulator or inverter.

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

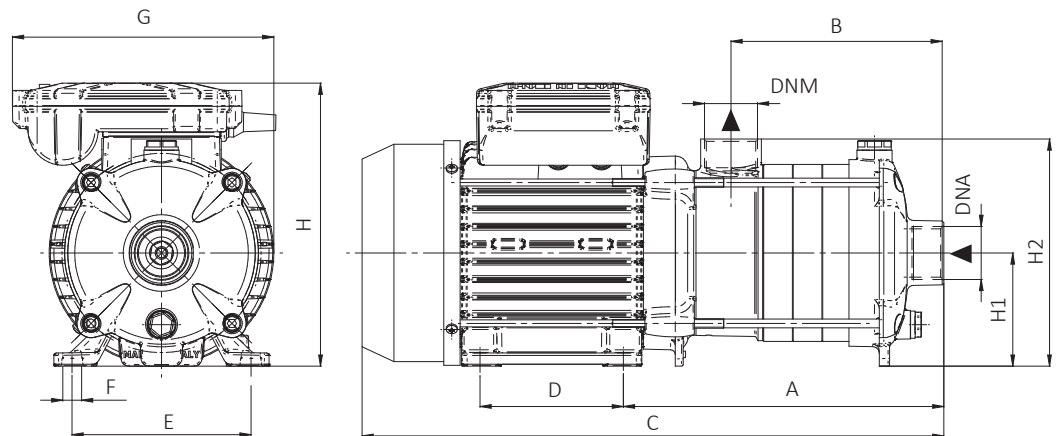
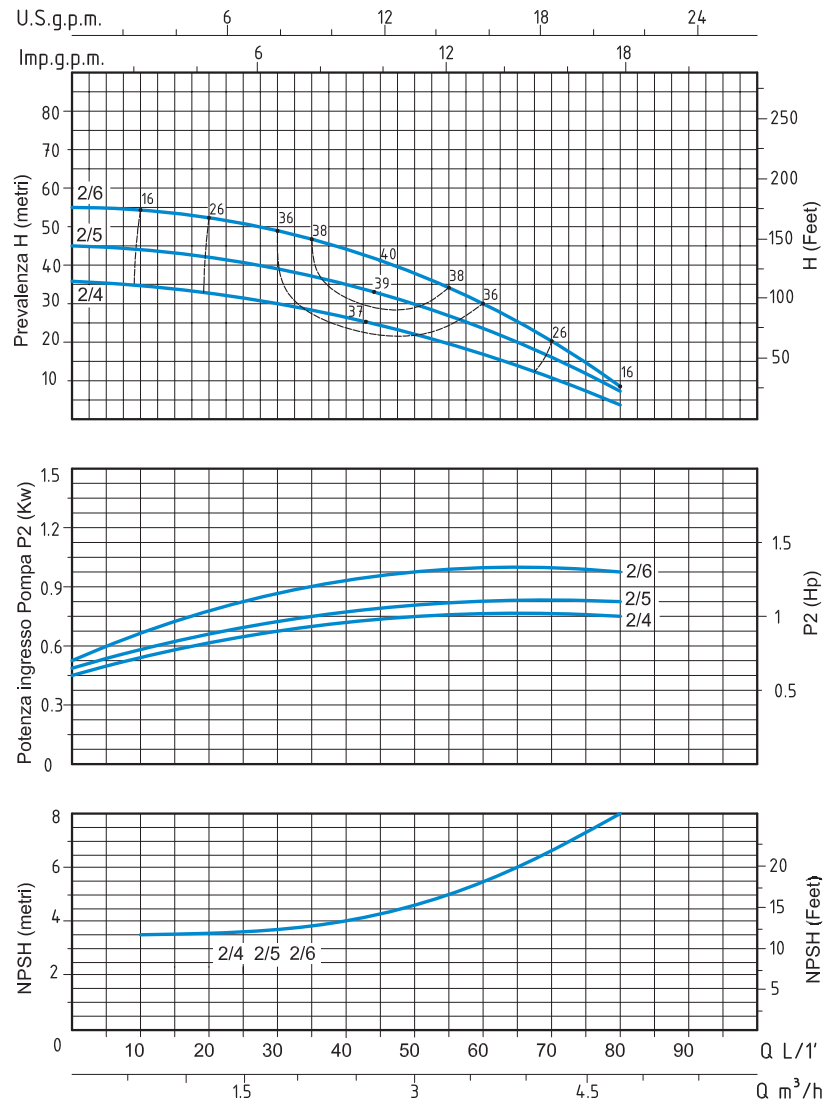
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

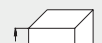
MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffusers        | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/Viton   |

MR2 - 50 HZ - 1 PHASE / 3 PHASE

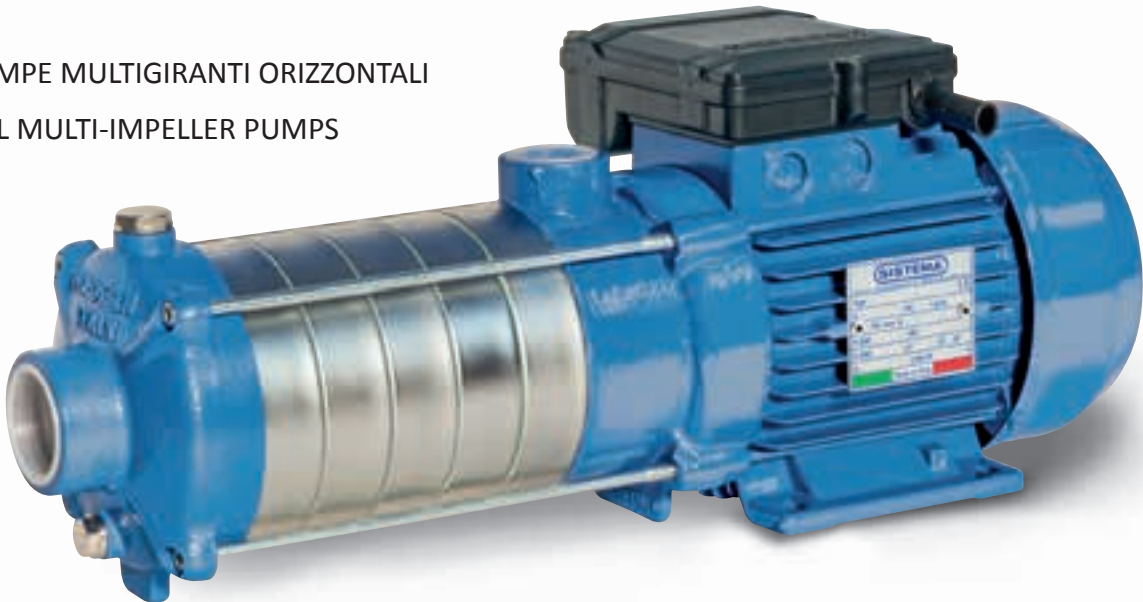
| TIPO<br>TYPE                                                       |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |    |      |      |      |      |    |      |      |     |
|--------------------------------------------------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|----|------|------|------|------|----|------|------|-----|
| Monofase<br>Single-phase                                           | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0  | 0,6  | 1,2  | 1,8  | 2,4  | 3  | 3,6  | 4,2  | 4,8 |
|                                                                    |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                 | 0  | 10   | 20   | 30   | 40   | 50 | 60   | 70   | 80  |
| Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                        |                                         |      |                                        |                          |                        |                       |    |      |      |      |      |    |      |      |     |
| MR 2-4                                                             | MRt 2-4                | 0,75                                    | 0,55 | 0,75                                   | 3,8                      | 1,5                    | H<br>(m)              | 36 | 34,5 | 33   | 30,5 | 27,5 | 23 | 17   | 10,5 | 4   |
| MR 2-5                                                             | MRt 2-5                | 0,75                                    | 0,55 | 0,85                                   | 4,1                      | 1,6                    |                       | 45 | 43   | 41   | 38,5 | 35   | 30 | 22,5 | 14   | 6   |
| MR 2-6                                                             | MRt 2-6                | 1                                       | 0,75 | 0,95                                   | 4,5                      | 1,7                    |                       | 54 | 52   | 49,5 | 46,5 | 42   | 36 | 28   | 18   | 8   |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |    |     |   |     |     |    |     |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |  | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|----|-----|---|-----|-----|----|-----|----------------------|-----|-----|--------------------------------|-----|---------------------------------------------------------------------------------------|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D  | E   | F | G   | H   | H1 | H2  | Giranti<br>Impellers | DNA | DNM | P                              | L   | H                                                                                     | Kg             |
| MR 2-4                   | MRt 2-4                | 201                          | 133 | 365 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 4                    | 1"  | 1"  | 172                            | 440 | 200                                                                                   | 11,3           |
| MR 2-5                   | MRt 2-5                | 220                          | 152 | 383 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 5                    | 1"  | 1"  | 172                            | 440 | 200                                                                                   | 11,6           |
| MR 2-6                   | MRt 2-6                | 238                          | 171 | 402 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 6                    | 1"  | 1"  | 172                            | 440 | 200                                                                                   | 12,6           |

ELETTROPOMPE MULTIGIRANTI ORIZZONTALI

HORIZONTAL MULTI-IMPELLER PUMPS



APPLICAZIONI

Elettropompe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi).  
Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo pompaGhisa
- Supporto motoreGhisa
- GiranteAcciaio Inox AISI 304
- DiffusoriAcciaio Inox AISI 304
- Albero motoreAcciaio Inox AISI 304
- Tenute meccanicheCeramica/Grafite/Viton

APPLICATION

Horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.  
Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.  
Particularly suitable for automatic systems controlled by pressure regulator or inverter.

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

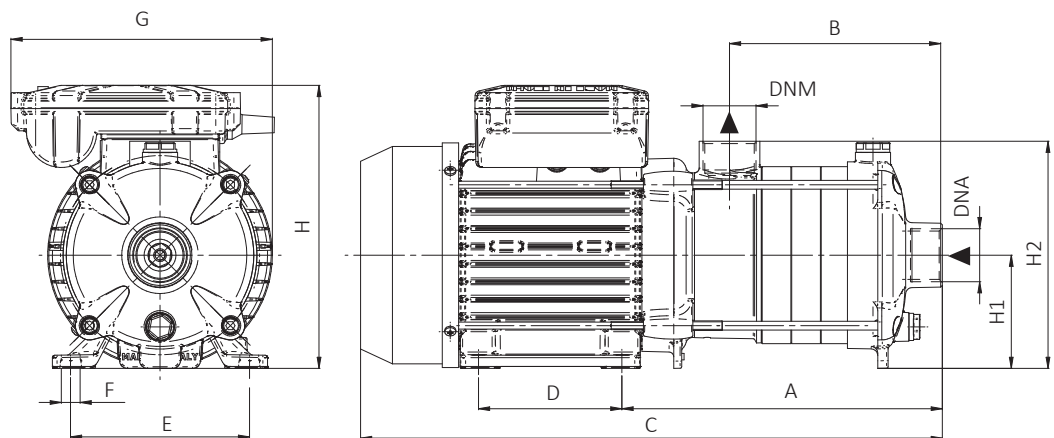
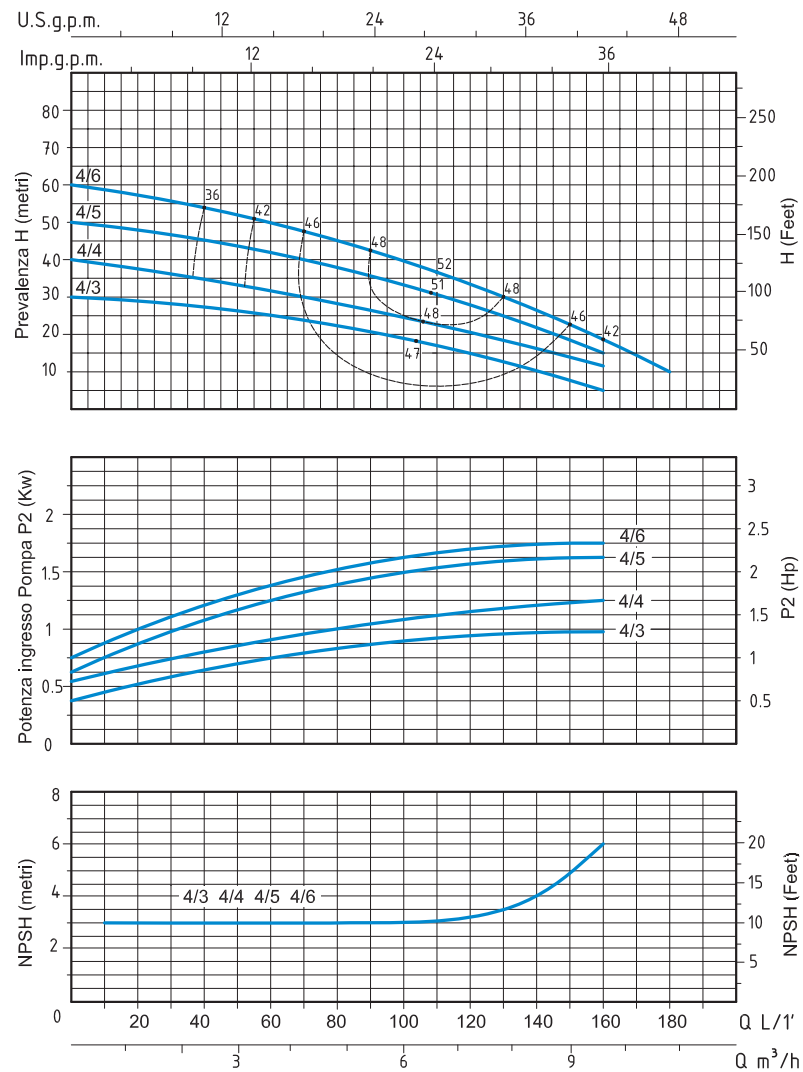
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- Pump bodyCast Iron
- Motor supportCast Iron
- ImpellerStainless Steel AISI 304
- DiffusersStainless Steel AISI 304
- Shaft with rotorStainless Steel AISI 304
- Mechanical sealCeramic/Graphite/Viton

MR4 - 50 HZ - 1 PHASE / 3 PHASE

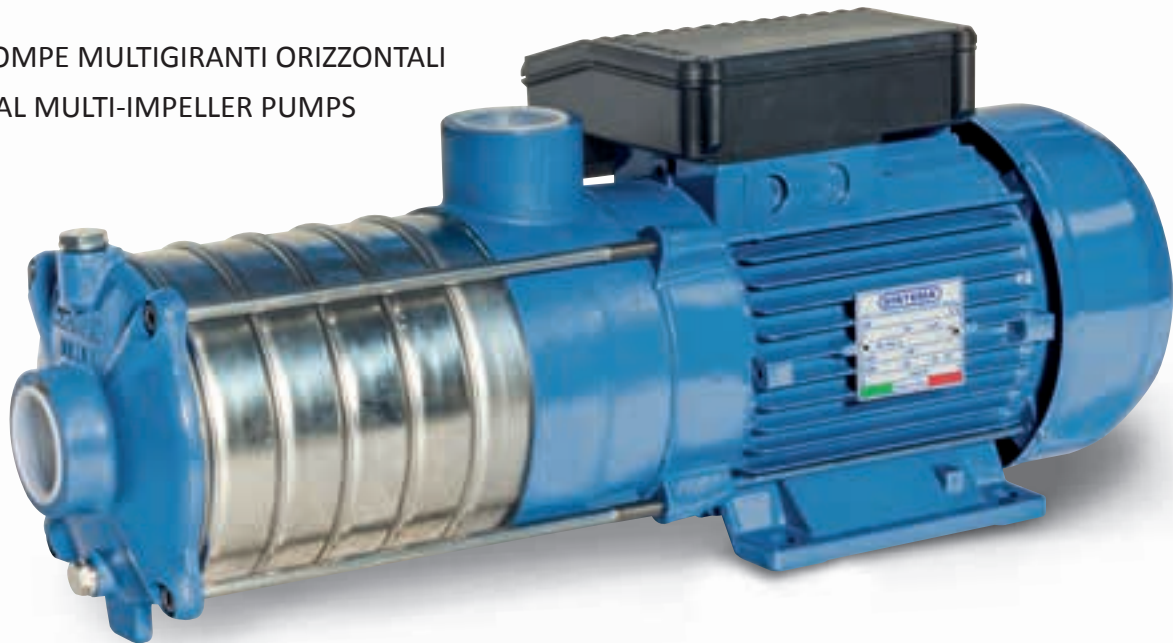
| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |      |      |      |      |     |      |      |      |      |  |
|--------------------------|------------------------|---------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|------------------------|------|------|------|------|-----|------|------|------|------|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 0    | 1,2  | 2,4  | 3,6  | 4,8 | 6    | 8,4  | 9,6  | 10,8 |  |
|                          |                        | HP                                                                  | kW   | kW                                     |                          |                        | lt/1'                  | 0    | 20   | 40   | 60   | 80  | 100  | 140  | 160  | 180  |  |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                          |                        |                        |      |      |      |      |     |      |      |      |      |  |
|                          |                        | H<br>(m)                                                            | 29,5 | 28,5                                   |                          |                        | 26,5                   | 24,5 | 22,5 | 19,5 | 13,5 | 9,5 |      |      |      |      |  |
|                          |                        |                                                                     | 39,5 | 37,5                                   |                          |                        | 35                     | 32   | 29   | 25,5 | 17,5 | 12  |      |      |      |      |  |
| MR 4-3                   | MRt 4-3                | 0,75                                                                | 0,55 | 0,95                                   | 4,5                      | 1,7                    | H<br>(m)               | 49,5 | 48   | 45   | 42   | 38  | 34   | 24   | 17,5 |      |  |
| MR 4-4                   | MRt 4-4                | 1                                                                   | 0,75 | 1,1                                    | 5,2                      | 2                      |                        | 60   | 57   | 53   | 48   | 44  | 38,5 | 26,5 | 18,5 | 10   |  |
| MR 4-5                   | MRt 4-5                | 1,25                                                                | 0,9  | 1,45                                   | 6,5                      | 3,3                    |                        |      |      |      |      |     |      |      |      |      |  |
| MR 4-6                   | MRt 4-6                | 1,5                                                                 | 1,1  | 1,6                                    | 7,3                      | 3,5                    |                        |      |      |      |      |     |      |      |      |      |  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |    |     |   |     |     |    |     |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|----|-----|---|-----|-----|----|-----|----------------------|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D  | E   | F | G   | H   | H1 | H2  | Giranti<br>Impellers | DNA | DNM | P                              | L   | H   | Kg             |
| MR 4-3                   | MRt 4-3                | 201                          | 133 | 365 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 3                    | 1"¼ | 1"  | 172                            | 440 | 200 | 11,1           |
| MR 4-4                   | MRt 4-4                | 228                          | 161 | 392 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 4                    | 1"¼ | 1"  | 172                            | 440 | 200 | 12,1           |
| MR 4-5                   | MRt 4-5                | 256                          | 188 | 420 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 5                    | 1"¼ | 1"  | 172                            | 484 | 200 | 13,1           |
| MR 4-6                   | MRt 4-6                | 283                          | 216 | 447 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 6                    | 1"¼ | 1"  | 172                            | 484 | 200 | 13,5           |



ELETTROPOMPE MULTIGIRANTI ORIZZONTALI  
HORIZONTAL MULTI-IMPELLER PUMPS



APPLICAZIONI

Elettropompe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                        |
|---------------------|------------------------|
| - Corpo pompa       | Ghisa                  |
| - Supporto motore   | Ghisa                  |
| - Girante           | Acciaio Inox AISI 304  |
| - Diffusori         | Acciaio Inox AISI 304  |
| - Albero motore     | Acciaio Inox AISI 304  |
| - Tenute meccaniche | Ceramica/Grafite/Viton |

APPLICATION

Horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing. Particularly suitable for automatic systems controlled by pressure regulator or inverter.

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

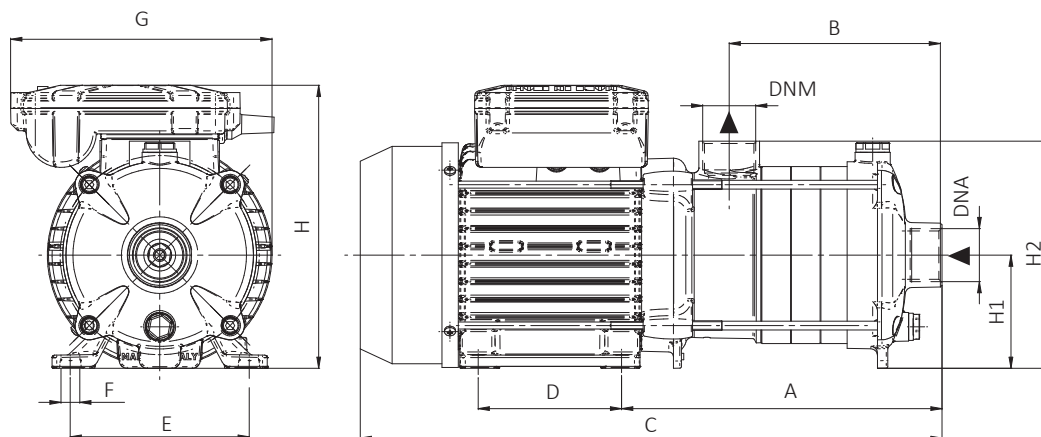
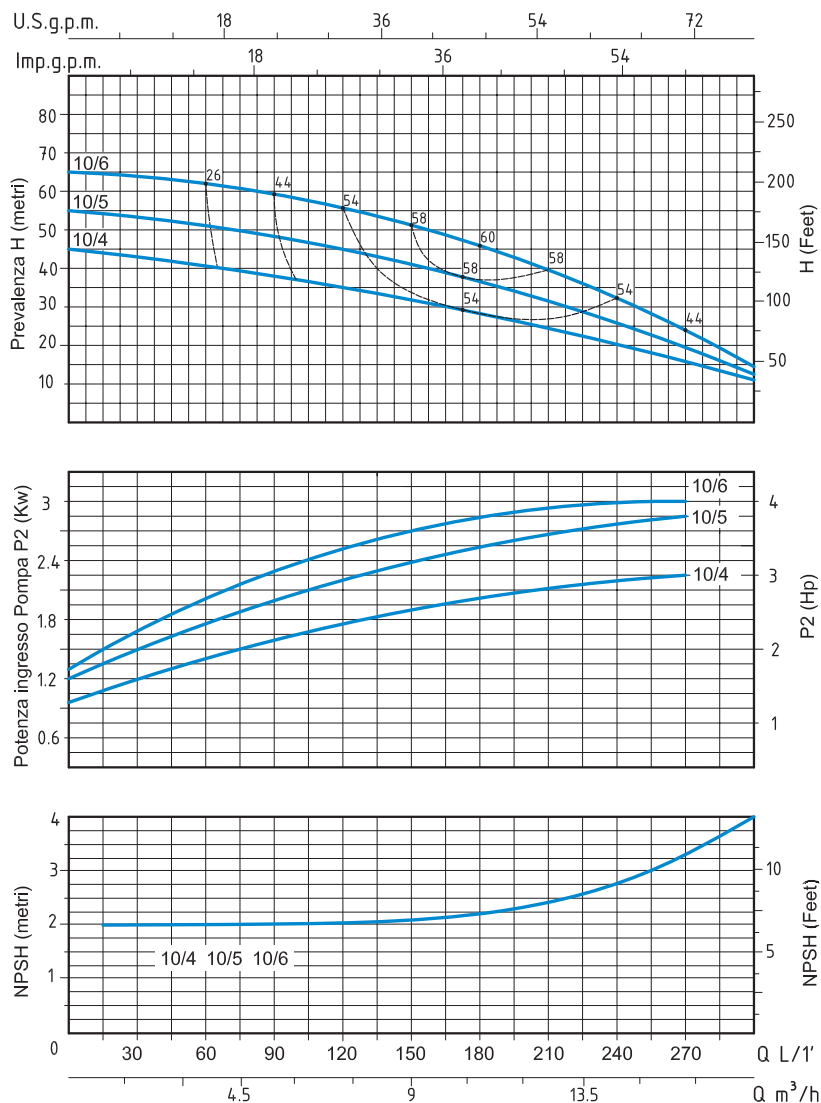
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor support    | Cast Iron                |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffusers        | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/Viton   |

MR10 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |      |      |      |     |      |      |      |      |      |     |  |  |  |  |
|--------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|------|------|------|-----|------|------|------|------|------|-----|--|--|--|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 0    | 1,8  | 3,6  | 5,4 | 7,2  | 10,8 | 13,2 | 15,6 | 16,8 | 18  |  |  |  |  |
|                          |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                                                              | 0    | 30   | 60   | 90  | 120  | 180  | 220  | 260  | 280  | 300 |  |  |  |  |
|                          |                        |                                         |     |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |      |      |     |      |      |      |      |      |     |  |  |  |  |
|                          |                        |                                         |     |                                        |                          |                        | H<br>(m)                                                           | 44   | 42   | 40,5 | 39  | 37   | 30   | 25   | 19   | 15,5 | 12  |  |  |  |  |
| MR 10-4                  | MRt 10-4               | 2                                       | 1,5 | 2                                      | 9                        | 3,9                    |                                                                    | 54,5 | 51,5 | 50   | 48  | 45   | 36,5 | 29,5 | 21,5 | 17,5 | 13  |  |  |  |  |
| MR 10-5                  | MRt 10-5               | 3                                       | 2,2 | 2,5                                    | 12                       | 4,5                    | 66                                                                 | 63   | 60,5 | 59   | 56  | 45,5 | 36,5 | 26,5 | 21   | 15,5 |     |  |  |  |  |
|                          | MRt 10-6               | 4                                       | 3   | 2,8                                    |                          | 6,2                    |                                                                    |      |      |      |     |      |      |      |      |      |     |  |  |  |  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |    |     |     |    |     |                      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|----|-----|-----|----|-----|----------------------|-----|--------------------------------|-----|-----|----------------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | E   | F  | G   | H   | H1 | H2  | Giranti<br>Impellers | DNA | DNM                            | P   | L   | H              | Kg   |
| MR 10-4                  | MRt 10-4               | 263                          | 169 | 483 | 125 | 140 | 10 | 200 | 230 | 90 | 200 | 4                    | 1"½ | 1"½                            | 212 | 554 | 245            | 21,6 |
| MR 10-5                  | MRt 10-5               | 293                          | 200 | 513 | 125 | 140 | 10 | 200 | 230 | 90 | 200 | 5                    | 1"½ | 1"½                            | 212 | 554 | 245            | 23,6 |
|                          | MRt 10-6               | 324                          | 230 | 543 | 125 | 140 | 10 | 200 | 230 | 90 | 200 | 6                    | 1"½ | 1"½                            | 240 | 610 | 285            | 26,8 |

## ELETTROPOMPE MULTIGIRANTI ORIZZONTALI HORIZONTAL MULTI-IMPELLER PUMPS



### APPLICAZIONI

Elettropompe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

### MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Supporto motore: Acciaio Inox AISI 304
- Girante: Acciaio Inox AISI 304
- Diffusori: Acciaio Inox AISI 304
- Albero motore: Acciaio Inox AISI 304
- Tenute meccaniche: Ceramica/Grafite/Viton

### APPLICATION

Horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.

Particularly suitable for automatic systems controlled by pressure regulator or inverter.

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

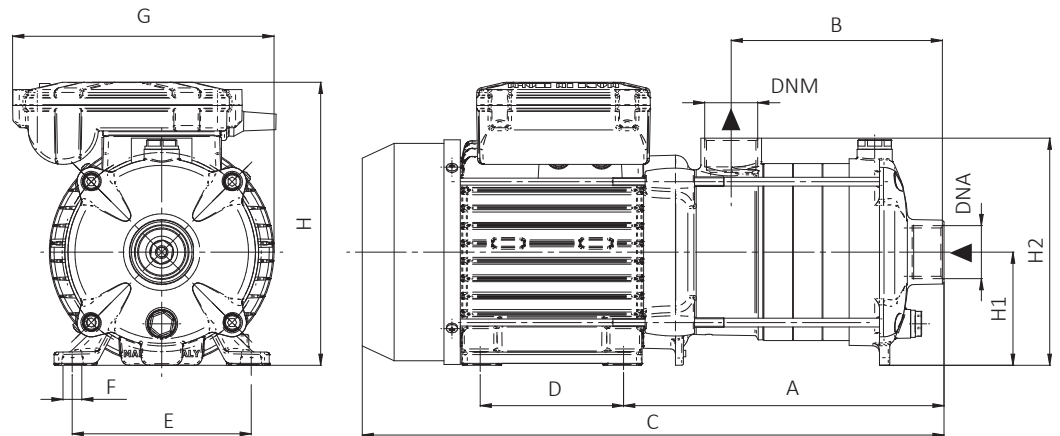
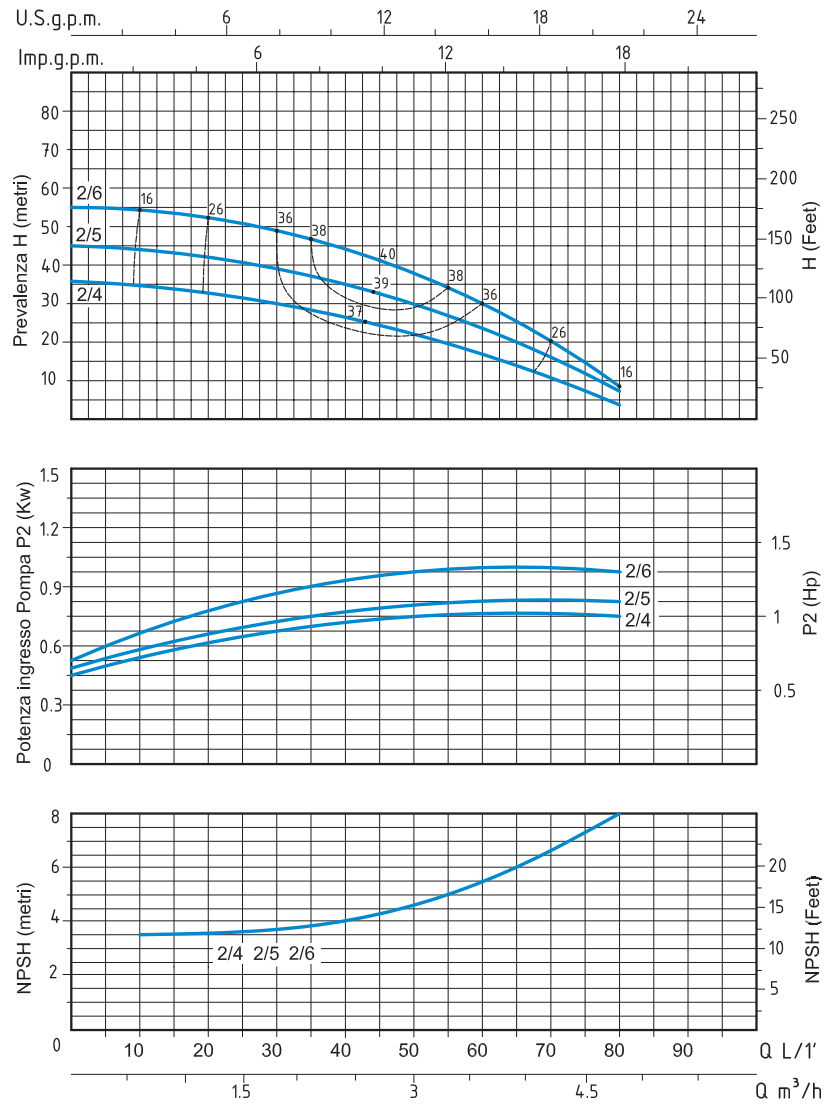
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

### MATERIALS

- Pump body: Stainless Steel AISI 304
- Motor support: Stainless Steel AISI 304
- Impeller: Stainless Steel AISI 304
- Diffusers: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Ceramic/Graphite/Viton

### MRX2 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                       |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |    |      |      |      |      |    |      |      |     |
|--------------------------------------------------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|----|------|------|------|------|----|------|------|-----|
| Monofase<br>Single-phase                                           | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0  | 0,6  | 1,2  | 1,8  | 2,4  | 3  | 3,6  | 4,2  | 4,8 |
|                                                                    |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                 | 0  | 10   | 20   | 30   | 40   | 50 | 60   | 70   | 80  |
| Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                        |                                         |      |                                        |                          |                        |                       |    |      |      |      |      |    |      |      |     |
| MRX 2-4                                                            | MRXt 2-4               | 0,75                                    | 0,55 | 0,75                                   | 3,8                      | 1,5                    | H<br>(m)              | 36 | 34,5 | 33   | 30,5 | 27,5 | 23 | 17   | 10,5 | 4   |
| MRX 2-5                                                            | MRXt 2-5               | 0,75                                    | 0,55 | 0,85                                   | 4,1                      | 1,6                    |                       | 45 | 43   | 41   | 38,5 | 35   | 30 | 22,5 | 14   | 6   |
| MRX 2-6                                                            | MRXt 2-6               | 1                                       | 0,75 | 0,95                                   | 4,5                      | 1,7                    |                       | 54 | 52   | 49,5 | 46,5 | 42   | 36 | 28   | 18   | 8   |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |    |     |   |     |     |    |     |                      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|--------------------------|------------------------|------------------------------|-----|-----|----|-----|---|-----|-----|----|-----|----------------------|-----|--------------------------------|-----|-----|----------------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D  | E   | F | G   | H   | H1 | H2  | Giranti<br>Impellers | DNA | DNM                            | P   | L   | H              | Kg   |
| MRX 2-4                  | MRXt 2-4               | 201                          | 133 | 365 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 4                    | 1"  | 1"                             | 172 | 440 | 200            | 10,6 |
| MRX 2-5                  | MRXt 2-5               | 220                          | 152 | 383 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 5                    | 1"  | 1"                             | 172 | 440 | 200            | 11,1 |
| MRX 2-6                  | MRXt 2-6               | 238                          | 171 | 402 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 6                    | 1"  | 1"                             | 172 | 440 | 200            | 11,9 |

## ELETTROPOMPE MULTIGIRANTI ORIZZONTALI HORIZONTAL MULTI-IMPELLER PUMPS



### APPLICAZIONI

Elettropompe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

### MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Supporto motore: Acciaio Inox AISI 304
- Girante: Acciaio Inox AISI 304
- Diffusori: Acciaio Inox AISI 304
- Albero motore: Acciaio Inox AISI 304
- Tenute meccaniche: Ceramica/Grafite/Viton

### APPLICATION

Horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.

Particularly suitable for automatic systems controlled by pressure regulator or inverter.

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

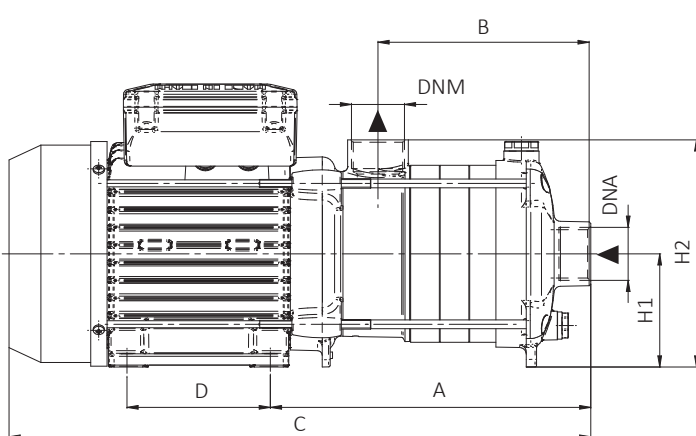
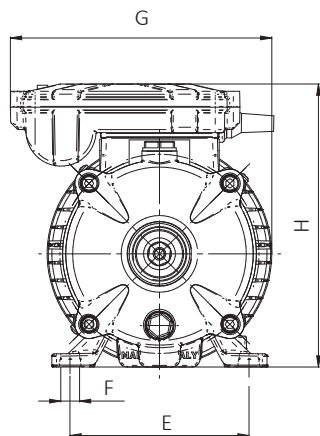
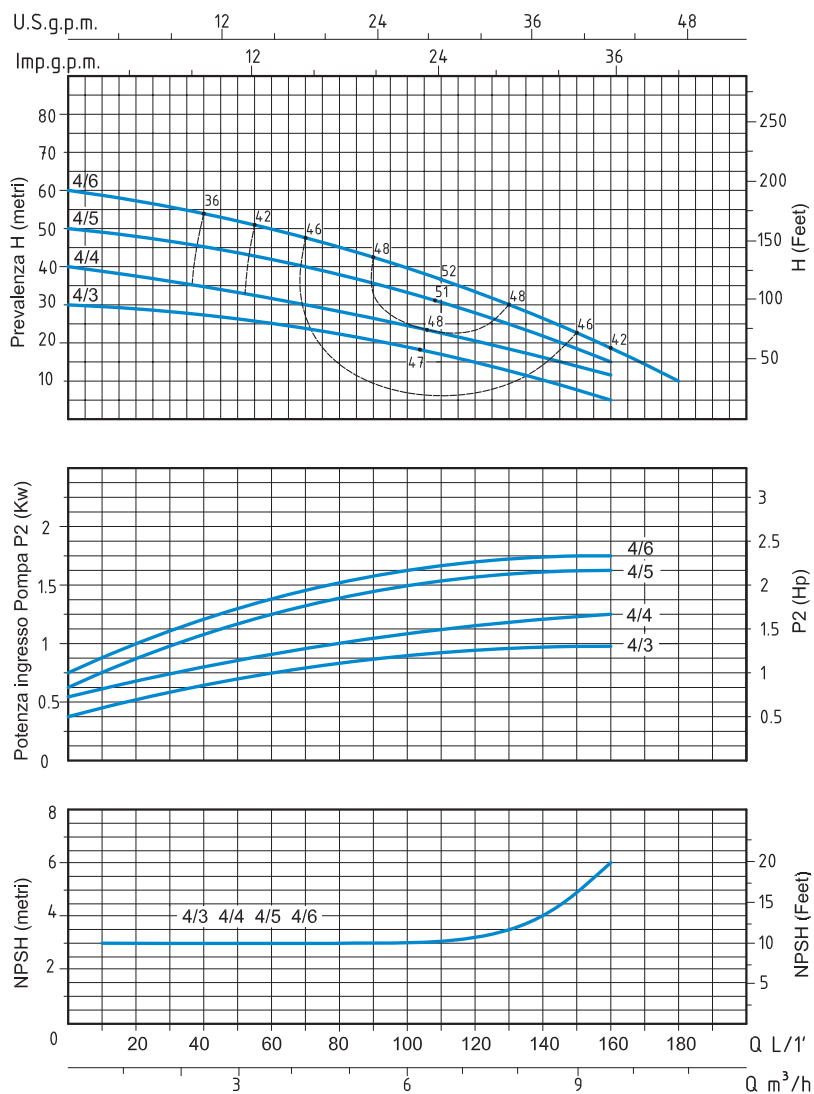
### MATERIALS

- Pump body: Stainless Steel AISI 304
- Motor support: Stainless Steel AISI 304
- Impeller: Stainless Steel AISI 304
- Diffusers: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Ceramic/Graphite/Viton

### MRX4 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |      |      |      |      |      |      |      |      |      |
|---------------------------------------------------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|------------------------|------|------|------|------|------|------|------|------|------|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 0    | 1,2  | 2,4  | 3,6  | 4,8  | 6    | 8,4  | 9,6  | 10,8 |
|                                                                     |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                  | 0    | 20   | 40   | 60   | 80   | 100  | 140  | 160  | 180  |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                         |      |                                        |                          |                        |                        |      |      |      |      |      |      |      |      |      |
| MRX 4-3                                                             | MRXt 4-3               | 0,75                                    | 0,55 | 0,95                                   | 4,5                      | 1,7                    | H<br>(m)               | 29,5 | 28,5 | 26,5 | 24,5 | 22,5 | 19,5 | 13,5 | 9,5  |      |
| MRX 4-4                                                             | MRXt 4-4               | 1                                       | 0,75 | 1,1                                    | 5,2                      | 2                      |                        | 39,5 | 37,5 | 35   | 32   | 29   | 25,5 | 17,5 | 12   |      |
| MRX 4-5                                                             | MRXt 4-5               | 1,25                                    | 0,9  | 1,45                                   | 6,5                      | 3,3                    |                        | 49,5 | 48   | 45   | 42   | 38   | 34   | 24   | 17,5 |      |
| MRX 4-6                                                             | MRXt 4-6               | 1,5                                     | 1,1  | 1,6                                    | 7,3                      | 3,5                    |                        | 60   | 57   | 53   | 48   | 44   | 38,5 | 26,5 | 18,5 | 10   |

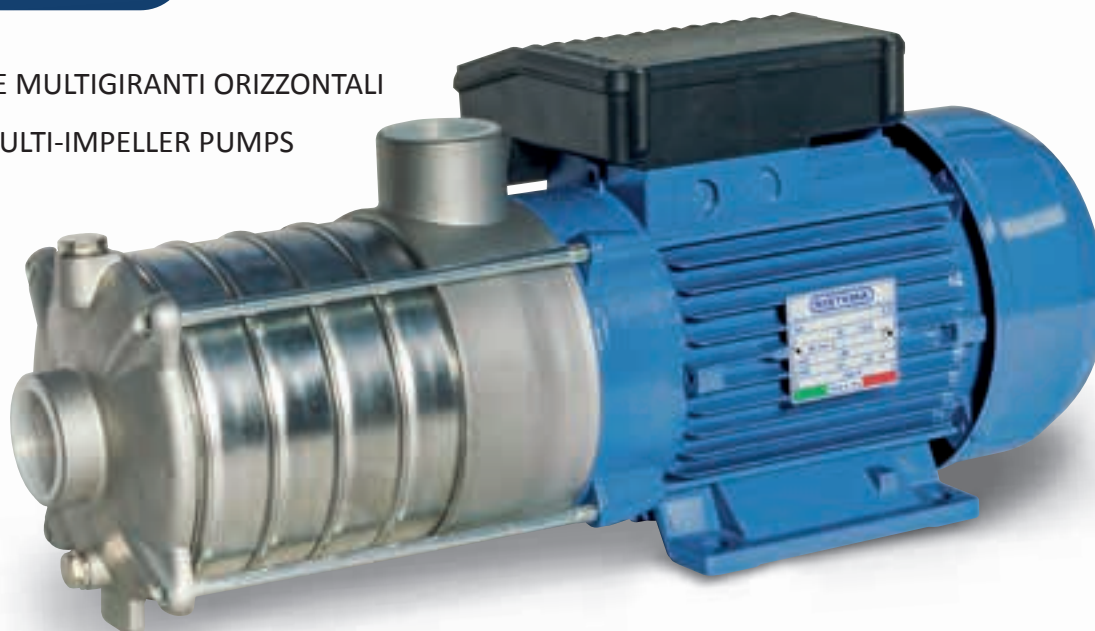




| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |     |     |    |     |   |     |     |    |     |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|-----|-----|----|-----|---|-----|-----|----|-----|----------------------|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B   | C   | D  | E   | F | G   | H   | H1 | H2  | Giranti<br>Impellers | DNA | DNM | P                              | L   | H   | Kg             |
| MRX 4-3                  | MRXt 4-3               | 201                           | 133 | 365 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 3                    | 1"¼ | 1"  | 172                            | 440 | 200 | 10,6           |
| MRX 4-4                  | MRXt 4-4               | 228                           | 161 | 392 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 4                    | 1"¼ | 1"  | 172                            | 440 | 200 | 11,5           |
| MRX 4-5                  | MRXt 4-5               | 256                           | 188 | 420 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 5                    | 1"¼ | 1"  | 172                            | 484 | 200 | 13,2           |
| MRX 4-6                  | MRXt 4-6               | 283                           | 216 | 447 | 90 | 112 | 7 | 164 | 178 | 71 | 143 | 6                    | 1"¼ | 1"  | 172                            | 484 | 200 | 13,5           |



## ELETTROPOMPE MULTIGIRANTI ORIZZONTALI HORIZONTAL MULTI-IMPELLER PUMPS



### APPLICAZIONI

Elettropompe multigiranti ad asse orizzontale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

### MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

### MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Supporto motore: Acciaio Inox AISI 304
- Girante: Acciaio Inox AISI 304
- Diffusori: Acciaio Inox AISI 304
- Albero motore: Acciaio Inox AISI 304
- Tenute meccaniche: Ceramica/Grafite/Viton

### APPLICATION

Horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.

Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.

Particularly suitable for automatic systems controlled by pressure regulator or inverter.

### OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

### MOTOR

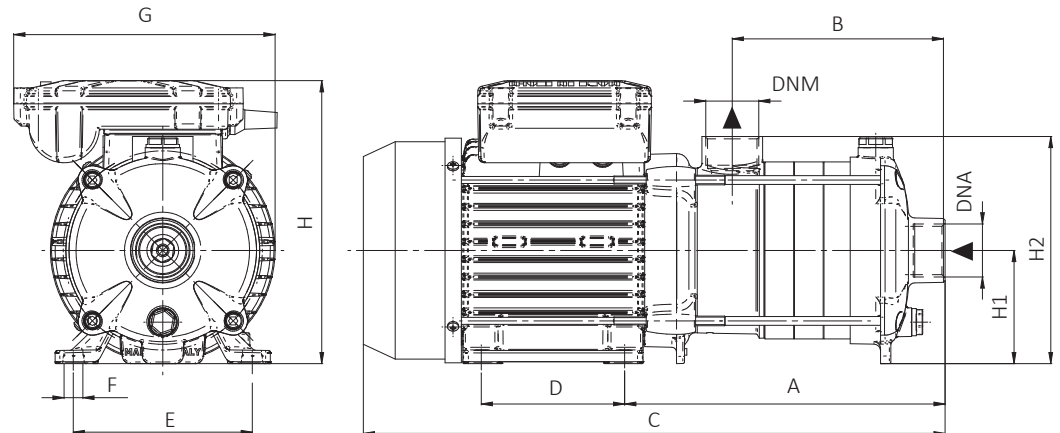
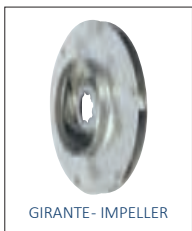
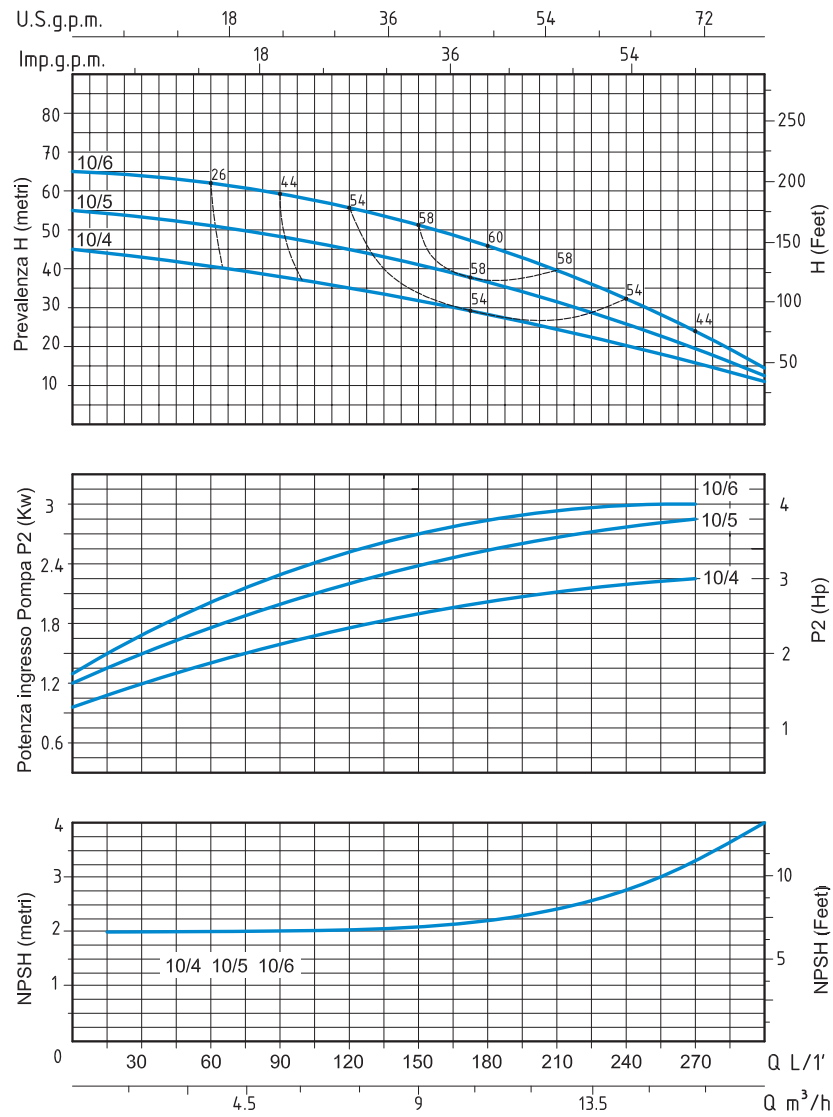
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

### MATERIALS

- Pump body: Stainless Steel AISI 304
- Motor support: Stainless Steel AISI 304
- Impeller: Stainless Steel AISI 304
- Diffusers: Stainless Steel AISI 304
- Shaft with rotor: Stainless Steel AISI 304
- Mechanical seal: Ceramic/Graphite/Viton

### MRX10 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |      |      |      |     |     |      |      |      |      |      |
|---------------------------------------------------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|------------------------|------|------|------|-----|-----|------|------|------|------|------|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 0    | 1,8  | 3,6  | 5,4 | 7,2 | 10,8 | 13,2 | 15,6 | 16,8 | 18   |
|                                                                     |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                  | 0    | 30   | 60   | 90  | 120 | 180  | 220  | 260  | 280  | 300  |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                         |     |                                        |                          |                        |                        |      |      |      |     |     |      |      |      |      |      |
| MRX 10-4                                                            | MRXt 10-4              | 2                                       | 1,5 | 2                                      | 9                        | 3,9                    | H<br>(m)               | 44   | 42   | 40,5 | 39  | 37  | 30   | 25   | 19   | 15,5 | 12   |
| MRX 10-5                                                            | MRXt 10-5              | 3                                       | 2,2 | 2,5                                    | 12                       | 4,5                    |                        | 54,5 | 51,5 | 50   | 48  | 45  | 36,5 | 29,5 | 21,5 | 17,5 | 13   |
|                                                                     | MRXt 10-6              | 4                                       | 3   | 3,2                                    |                          | 7                      |                        | 66   | 63   | 60,5 | 59  | 56  | 45,5 | 36,5 | 26,5 | 21   | 15,5 |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |    |     |     |    |     |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |  | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|----|-----|-----|----|-----|----------------------|-----|-----|--------------------------------|-----|---------------------------------------------------------------------------------------|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | E   | F  | G   | H   | H1 | H2  | Giranti<br>Impellers | DNA | DNM | P                              | L   | H                                                                                     | Kg             |
| MRX 10-4                 | MRXt 10-4              | 263                          | 169 | 483 | 125 | 140 | 10 | 200 | 230 | 90 | 200 | 4                    | 1"½ | 1"½ | 212                            | 554 | 245                                                                                   | 21,2           |
| MRX 10-5                 | MRXt 10-5              | 293                          | 200 | 513 | 125 | 140 | 10 | 200 | 230 | 90 | 200 | 5                    | 1"½ | 1"½ | 212                            | 554 | 245                                                                                   | 22,5           |
|                          | MRXt 10-6              | 324                          | 230 | 543 | 125 | 140 | 10 | 200 | 230 | 90 | 200 | 6                    | 1"½ | 1"½ | 226                            | 530 | 278                                                                                   | 25,8           |

ELETTROPOMPE MULTISTADIO AD ASSE VERTICALE  
MULTISTAGE VERTICAL ELECTRIC PUMPS



APPLICAZIONI

Elettropompe centrifughe multistadio ad asse verticale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia.  
Elettropompa universale per applicazioni civili ed industriali per impianti di lavaggio, a media pressione, per l'irrigazione, per l'agricoltura, per impianti sportivi e per uso domestico.  
Adatte per applicazione in impianti di pressurizzazione.

APPLICATION

Centrifugal vertical multistage water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.  
Universal pump for civil and industrial purposes, for medium pressure system, for irrigation in agriculture, sports fittings and domestic use.  
Particularly suitable for high pressure systems.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Noryl                 |
| - Diffusore         | Noryl                 |
| - Camicia pompa     | Acciaio Inox AISI 304 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

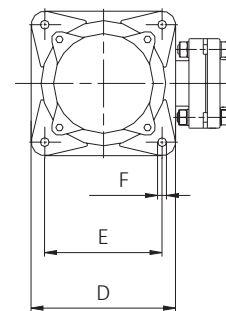
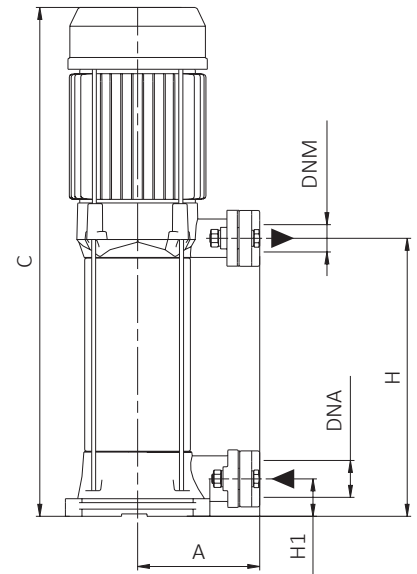
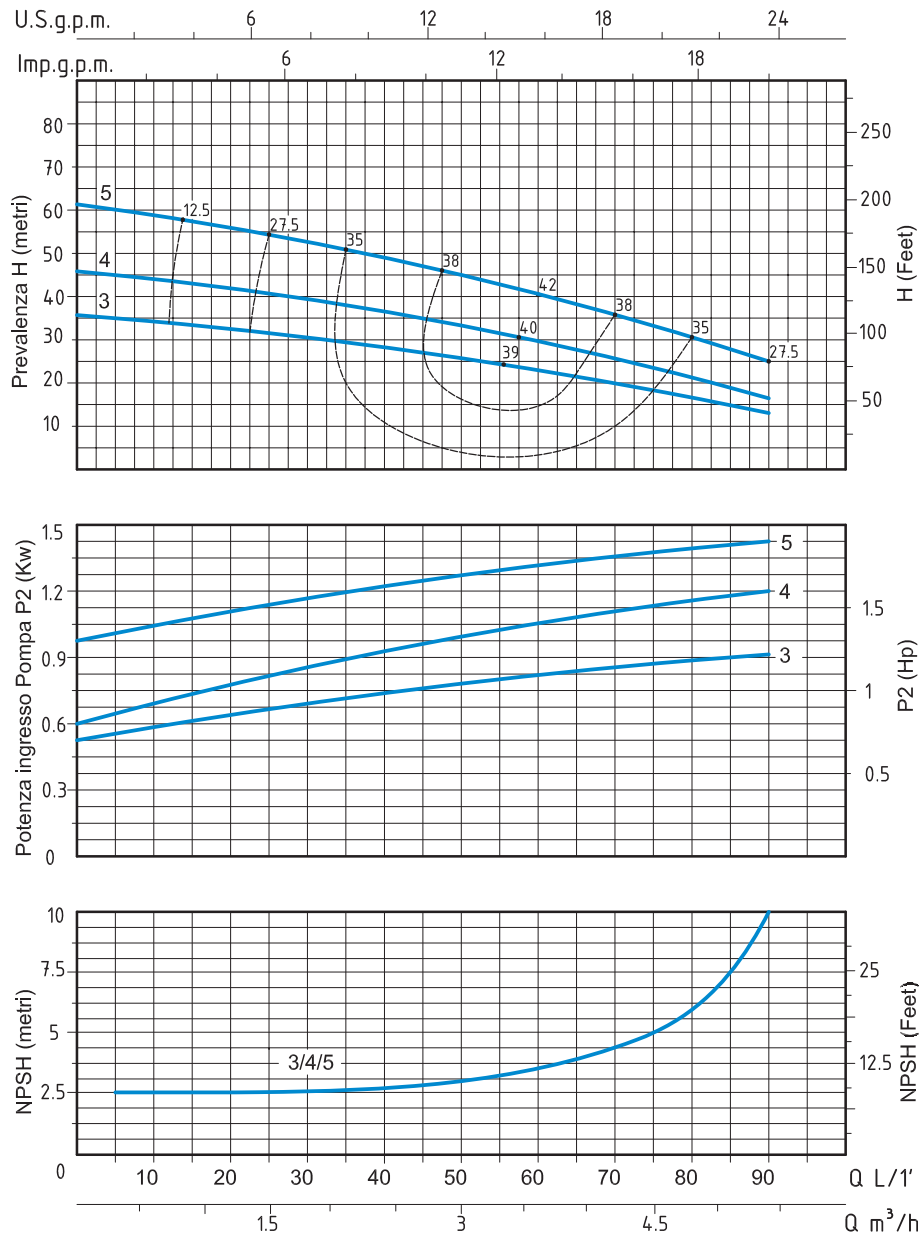
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffuser         | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |

MRV - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |    |     |     |     |     |    |     |     |     |     |  |  |  |  |
|--------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|--|--|--|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 0  | 0,6 | 1,2 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 |  |  |  |  |
|                          |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                                                              | 0  | 10  | 20  | 30  | 40  | 50 | 60  | 70  | 80  | 90  |  |  |  |  |
|                          |                        |                                         |     |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |    |     |     |     |     |    |     |     |     |     |  |  |  |  |
|                          |                        |                                         |     |                                        |                          |                        | H<br>(m)                                                           | 35 | 34  | 33  | 31  | 28  | 25 | 23  | 18  | 15  | 13  |  |  |  |  |
|                          |                        |                                         |     |                                        |                          |                        |                                                                    | 46 | 45  | 44  | 43  | 38  | 35 | 33  | 25  | 21  | 18  |  |  |  |  |
| 61                       | 60                     | 56                                      | 53  | 47                                     | 44                       | 40                     | 33                                                                 | 28 | 24  |     |     |     |    |     |     |     |     |  |  |  |  |
| MRV 3                    | MRVt 3                 | 0,8                                     | 0,6 | 0,85                                   | 3,8                      | 2                      |                                                                    |    |     |     |     |     |    |     |     |     |     |  |  |  |  |
| MRV 4                    | MRVt 4                 | 1                                       | 0,7 | 1                                      | 4,8                      | 2,2                    |                                                                    |    |     |     |     |     |    |     |     |     |     |  |  |  |  |
| MRV 5                    | MRVt 5                 | 1,5                                     | 1,1 | 1,4                                    | 6,5                      | 3,2                    |                                                                    |    |     |     |     |     |    |     |     |     |     |  |  |  |  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |       |     |     |   |     |    |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     |  | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-------|-----|-----|---|-----|----|----------------------|-----|-----|--------------------------------|-----|-----|---------------------------------------------------------------------------------------|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | C     | D   | E   | F | H   | H1 | Giranti<br>Impellers | DNA | DNM | P                              | L   | H   | Kg                                                                                    |                |
| MRV 3                    | MRVt 3                 | 101                          | 373,5 | 154 | 101 | 9 | 170 | 30 | 3                    | 1"  | 1"  | 197                            | 456 | 208 | 12,7                                                                                  |                |
| MRV 4                    | MRVt 4                 | 101                          | 397,5 | 154 | 101 | 9 | 200 | 30 | 4                    | 1"  | 1"  | 197                            | 456 | 208 | 14,2                                                                                  |                |
| MRV 5                    | MRVt 5                 | 101                          | 421,5 | 154 | 101 | 9 | 218 | 30 | 5                    | 1"  | 1"  | 197                            | 456 | 208 | 15,1                                                                                  |                |

ELETTROPOMPE MULTISTADIO AD ASSE VERTICALE  
MULTISTAGE VERTICAL ELECTRIC PUMPS



APPLICAZIONI

Elettropompe centrifughe multistadio ad asse verticale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia.  
Elettropompa universale per applicazioni civili ed industriali per impianti di lavaggio, a media pressione, per l'irrigazione, per l'agricoltura, per impianti sportivi e per uso domestico.  
Adatte per applicazione in impianti di pressurizzazione.

APPLICATION

Centrifugal vertical multistage water pumps able to develop high pressure and a high water lift with a comparatively low power consumption.  
Universal pump for civil and industrial purposes, for medium pressure system, for irrigation in agriculture, sports fittings and domestic use.  
Particularly suitable for high pressure systems.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Noryl                 |
| - Diffusore         | Noryl                 |
| - Camicia pompa     | Acciaio Inox AISI 304 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Silicio/Silicio/NBR   |

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

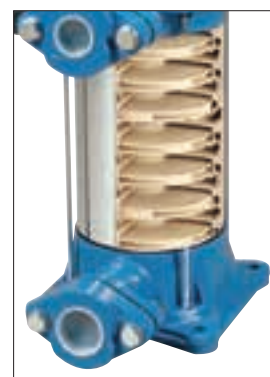
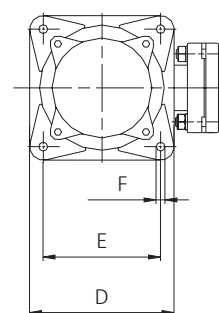
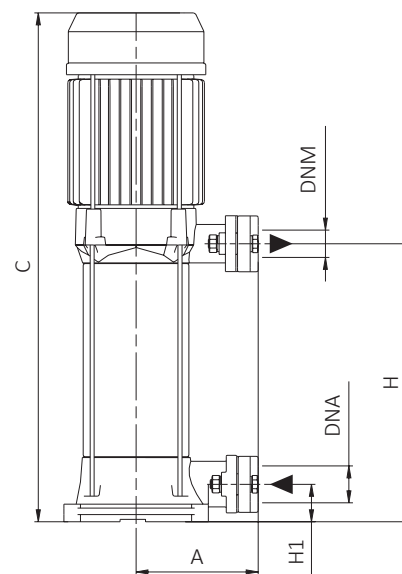
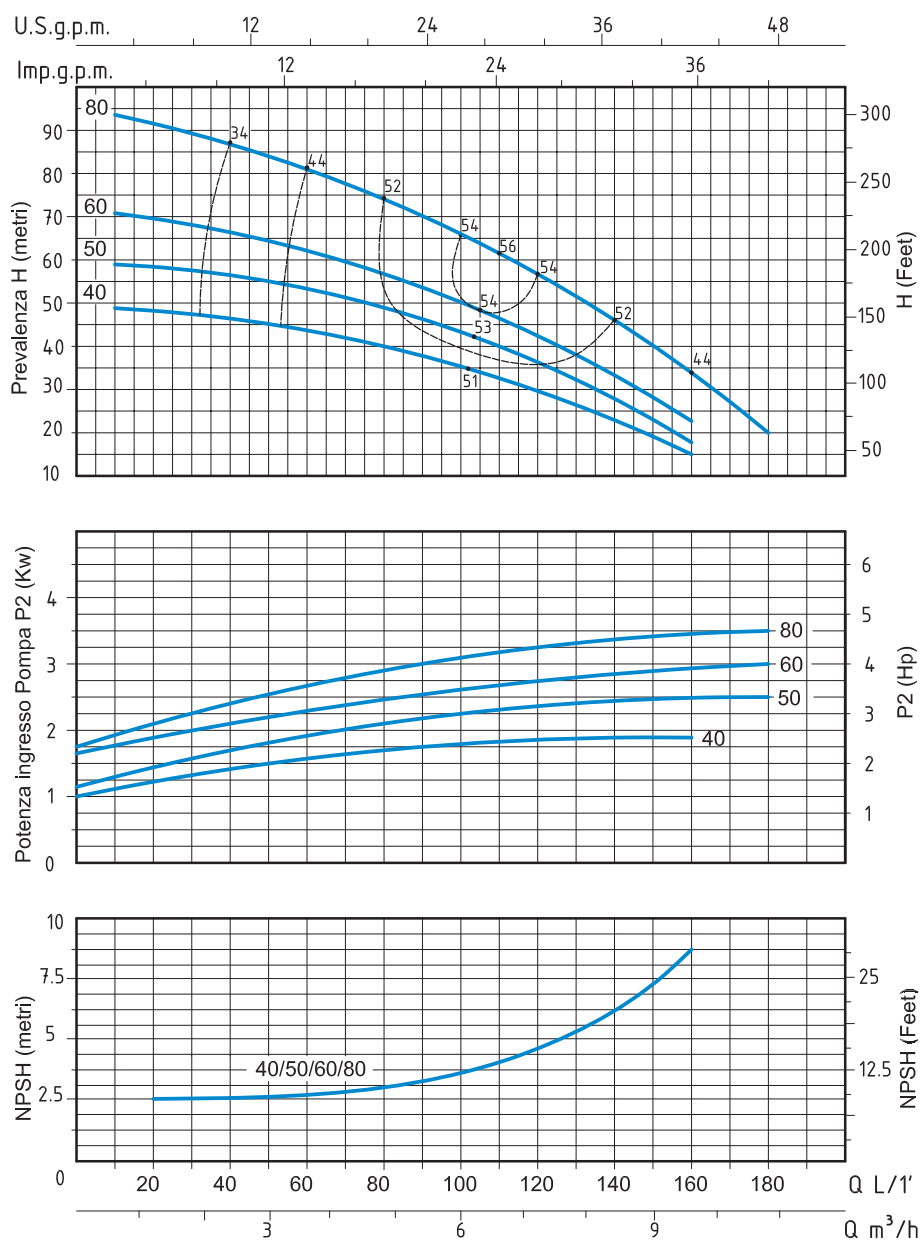
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Noryl                    |
| - Diffuser         | Noryl                    |
| - Pump casing      | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Silicon/Silicon/NBR      |

MRV - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |                                                                    |     |     |     |     |     |     |     |     |      |
|--------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0,6                                                                | 1,2 | 2,4 | 3,6 | 4,8 | 6   | 7,2 | 8,4 | 9,6 | 10,8 |
|                          |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                 | 10                                                                 | 20  | 40  | 60  | 80  | 100 | 120 | 140 | 160 | 180  |
| MRV 40                   | MRVt 40                | 2                                       | 1,5  | 2                                      | 9,3                      | 4,2                    | H<br>(m)              | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |     |      |
| MRV 50                   | MRVt 50                | 2,5                                     | 1,85 | 2,2                                    | 10                       | 4,6                    |                       | 50                                                                 | 48  | 45  | 43  | 39  | 35  | 30  | 23  | 15  |      |
| MRV 60                   | MRVt 60                | 3                                       | 2,2  | 2,7                                    | 12                       | 5,3                    |                       | 60                                                                 | 57  | 54  | 52  | 47  | 41  | 34  | 25  | 18  |      |
|                          | MRVt 80                | 4                                       | 3    | 3,5                                    |                          | 6,6                    |                       | 73                                                                 | 68  | 66  | 64  | 57  | 49  | 41  | 32  | 22  |      |
|                          |                        |                                         |      |                                        |                          |                        |                       | 97                                                                 | 92  | 87  | 83  | 77  | 69  | 58  | 46  | 30  | 15   |



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |     |     |     |    |     |    |                      |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     |  | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|-----|-----|-----|----|-----|----|----------------------|-----|-----|--------------------------------|-----|-----|---------------------------------------------------------------------------------------|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | C   | D   | E   | F  | H   | H1 | Giranti<br>Impellers | DNA | DNM | P                              | L   | H   | Kg                                                                                    |                |
| MRV 40                   | MRVt 40                | 156                           | 525 | 181 | 147 | 11 | 239 | 41 | 4                    | 1"¼ | 1"  | 240                            | 610 | 285 | 27,3                                                                                  |                |
| MRV 50                   | MRVt 50                | 156                           | 554 | 181 | 147 | 11 | 268 | 41 | 5                    | 1"¼ | 1"  | 240                            | 610 | 285 | 28,4                                                                                  |                |
| MRV 60                   | MRVt 60                | 156                           | 583 | 181 | 147 | 11 | 297 | 41 | 6                    | 1"¼ | 1"  | 240                            | 610 | 285 | 31,6                                                                                  |                |
|                          | MRVt 80                | 156                           | 641 | 181 | 147 | 11 | 355 | 41 | 8                    | 1"¼ | 1"  | 240                            | 610 | 285 | 31,9                                                                                  |                |



ELETTROPOMPE MULTIGIRANTI VERTICALI  
VERTICAL MULTI-IMPELLER PUMPS

APPLICAZIONI

Elettropompe multigiranti ad asse verticale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

APPLICATION

Vertical multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing. Particularly suitable for automatic systems controlled by pressure regulator or inverter.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                        |
|---------------------|------------------------|
| - Corpo pompa       | Acciaio Inox AISI 304  |
| - Supporto motore   | Acciaio Inox AISI 304  |
| - Girante           | Acciaio Inox AISI 304  |
| - Diffusori         | Acciaio Inox AISI 304  |
| - Albero motore     | Acciaio Inox AISI 304  |
| - Tenute meccaniche | Ceramica/Grafite/Viton |



OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

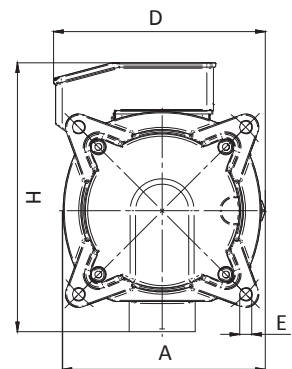
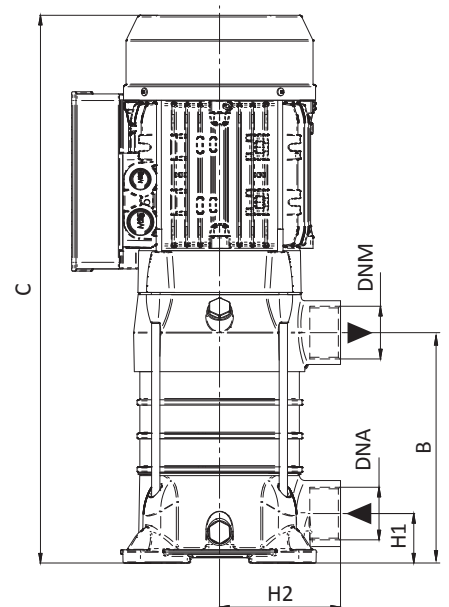
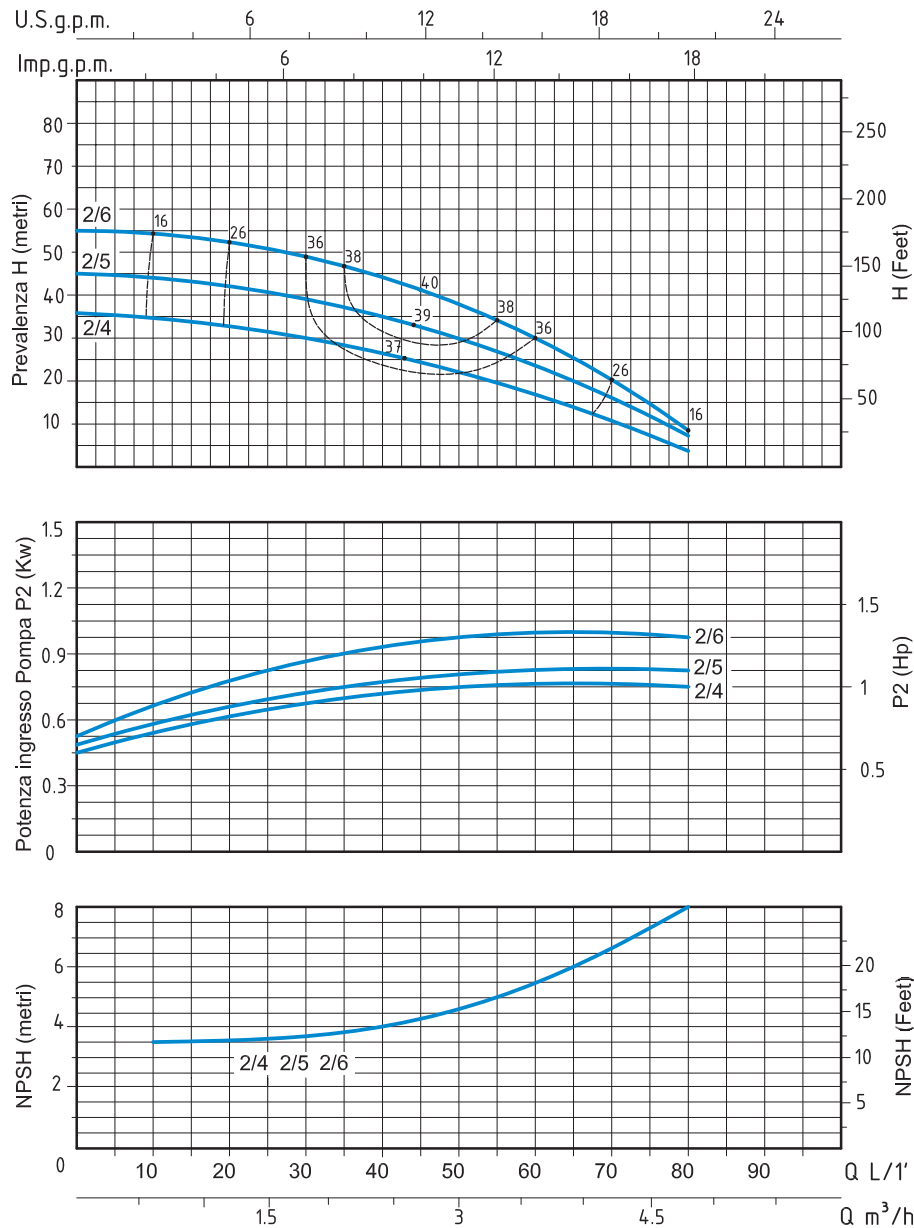
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor support    | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffusers        | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/Viton   |

MRVX2 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY                                              |    |      |      |      |      |    |      |      |     |
|--------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|---------------------------------------------------------------------|----|------|------|------|------|----|------|------|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                                | 0  | 0,6  | 1,2  | 1,8  | 2,4  | 3  | 3,6  | 4,2  | 4,8 |
|                          |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                                                               | 0  | 10   | 20   | 30   | 40   | 50 | 60   | 70   | 80  |
|                          |                        |                                         |      |                                        |                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |    |      |      |      |      |    |      |      |     |
| MRVX 2-4                 | MRVXt 2-4              | 0,75                                    | 0,55 | 0,75                                   | 3,8                      | 1,5                    | H<br>(m)                                                            | 36 | 34,5 | 33   | 30,5 | 27,5 | 23 | 17   | 10,5 | 4   |
| MRVX 2-5                 | MRVXt 2-5              | 0,75                                    | 0,55 | 0,85                                   | 4,1                      | 1,6                    |                                                                     | 45 | 43   | 41   | 38,5 | 35   | 30 | 22,5 | 14   | 6   |
| MRVX 2-6                 | MRVXt 2-6              | 1                                       | 0,75 | 0,95                                   | 4,5                      | 1,7                    |                                                                     | 54 | 52   | 49,5 | 46,5 | 42   | 36 | 28   | 18   | 8   |



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |       |       |       |   |     |    |      |                      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|--------------------------|------------------------|-------------------------------|-------|-------|-------|---|-----|----|------|----------------------|-----|--------------------------------|-----|-----|----------------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B     | C     | D     | E | H   | H1 | H2   | Giranti<br>Impellers | DNA | DNM                            | P   | L   | H              | Kg   |
| MRVX 2-4                 | MRVXt 2-4              | 165                           | 118   | 379,5 | 166,5 | 9 | 178 | 30 | 71,5 | 4                    | 1"  | 1"                             | 197 | 456 | 208            | 10,6 |
| MRVX 2-5                 | MRVXt 2-5              | 165                           | 136,5 | 398   | 166,5 | 9 | 178 | 30 | 71,5 | 5                    | 1"  | 1"                             | 197 | 456 | 208            | 11,1 |
| MRVX 2-6                 | MRVXt 2-6              | 165                           | 155   | 416,5 | 166,5 | 9 | 178 | 30 | 71,5 | 6                    | 1"  | 1"                             | 197 | 456 | 208            | 11,9 |

ELETTROPOMPE MULTIGIRANTI VERTICALI  
VERTICAL MULTI-IMPELLER PUMPS

APPLICAZIONI

Elettropompe multigiranti ad asse verticale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

APPLICATION

Vertical multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing. Particularly suitable for automatic systems controlled by pressure regulator or inverter.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                        |
|---------------------|------------------------|
| - Corpo pompa       | Acciaio Inox AISI 304  |
| - Supporto motore   | Acciaio Inox AISI 304  |
| - Girante           | Acciaio Inox AISI 304  |
| - Diffusori         | Acciaio Inox AISI 304  |
| - Albero motore     | Acciaio Inox AISI 304  |
| - Tenute meccaniche | Ceramica/Grafite/Viton |



OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

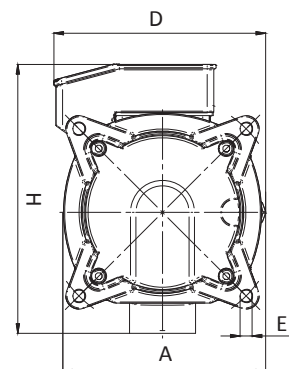
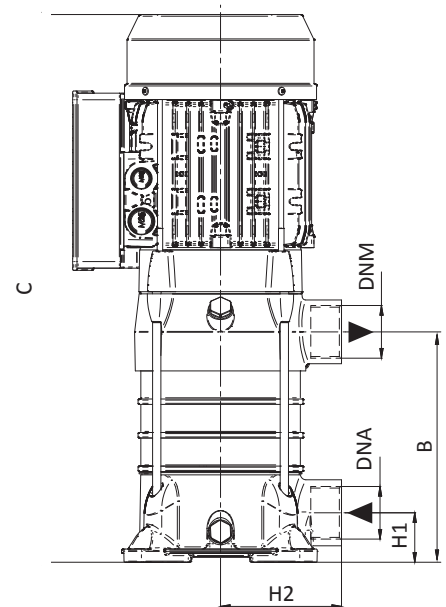
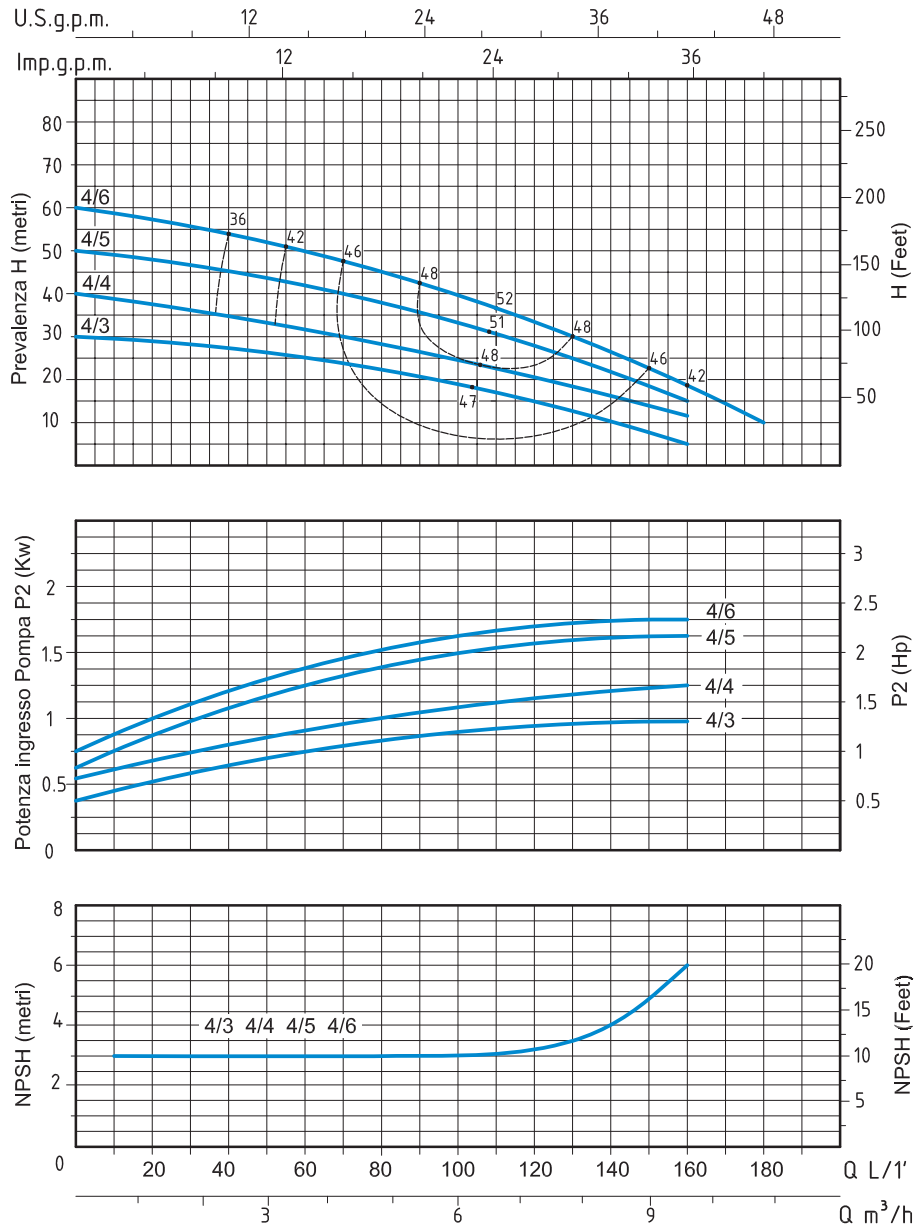
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor support    | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffusers        | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/Viton   |

MRVX4 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |      |     |     |     |      |      |      |      |      |  |  |
|--------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|------|-----|-----|-----|------|------|------|------|------|--|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 0    | 1,2 | 2,4 | 3,6 | 4,8  | 6    | 8,4  | 9,6  | 10,8 |  |  |
|                          |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                                                              | 0    | 20  | 40  | 60  | 80   | 100  | 140  | 160  | 180  |  |  |
|                          |                        |                                         |      |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |     |     |     |      |      |      |      |      |  |  |
|                          |                        |                                         |      |                                        |                          |                        | 39,5                                                               | 37,5 | 35  | 32  | 29  | 25,5 | 17,5 | 12   |      |      |  |  |
| MRVX 4-4                 | MRVXt 4-4              | 1                                       | 0,75 | 1,1                                    | 5,2                      | 2                      | H<br>(m)                                                           | 49,5 | 48  | 45  | 42  | 38   | 34   | 24   | 17,5 |      |  |  |
| MRVX 4-5                 | MRVXt 4-5              | 1,25                                    | 0,9  | 1,45                                   | 6,5                      | 3,3                    |                                                                    | 60   | 57  | 53  | 48  | 44   | 38,5 | 26,5 | 18,5 | 10   |  |  |
| MRVX 4-6                 | MRVXt 4-6              | 1,5                                     | 1,1  | 1,6                                    | 7,3                      | 3,5                    |                                                                    |      |     |     |     |      |      |      |      |      |  |  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |       |       |       |   |     |    |      |                      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|--------------------------|------------------------|------------------------------|-------|-------|-------|---|-----|----|------|----------------------|-----|--------------------------------|-----|-----|----------------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B     | C     | D     | E | H   | H1 | H2   | Giranti<br>Impellers | DNA | DNM                            | P   | L   | H              | Kg   |
| MRVX 4-4                 | MRVXt 4-4              | 165                          | 156   | 422,5 | 166,5 | 9 | 178 | 35 | 71,5 | 4                    | 1"¼ | 1"                             | 197 | 456 | 208            | 11,5 |
| MRVX 4-5                 | MRVXt 4-5              | 165                          | 183,5 | 450   | 166,5 | 9 | 178 | 35 | 71,5 | 5                    | 1"¼ | 1"                             | 197 | 456 | 208            | 13,2 |
| MRVX 4-6                 | MRVXt 4-6              | 165                          | 211   | 477,5 | 166,5 | 9 | 178 | 35 | 71,5 | 6                    | 1"¼ | 1"                             | 197 | 610 | 208            | 13,5 |

ELETTROPOMPE MULTIGIRANTI VERTICALI  
VERTICAL MULTI-IMPELLER PUMPS

APPLICAZIONI

Elettropompe multigiranti ad asse verticale sviluppano una notevole pressione e nel contempo un'elevata portata d'acqua con un basso consumo di energia. Per la grande silenziosità e le ottime caratteristiche idrauliche vengono impiegate in impianti domestici, piccola irrigazione a pioggia, lavaggio di veicoli e per l'assemblaggio di gruppi di pressione (autoclavi). Particolarmente adatte per impianti automatici comandati da regolatori di flusso o inverter.

APPLICATION

Vertical multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing. Particularly suitable for automatic systems controlled by pressure regulator or inverter.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                        |
|---------------------|------------------------|
| - Corpo pompa       | Acciaio Inox AISI 304  |
| - Supporto motore   | Acciaio Inox AISI 304  |
| - Girante           | Acciaio Inox AISI 304  |
| - Diffusori         | Acciaio Inox AISI 304  |
| - Albero motore     | Acciaio Inox AISI 304  |
| - Tenute meccaniche | Ceramica/Grafite/Viton |



OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

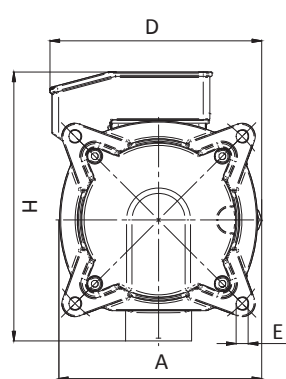
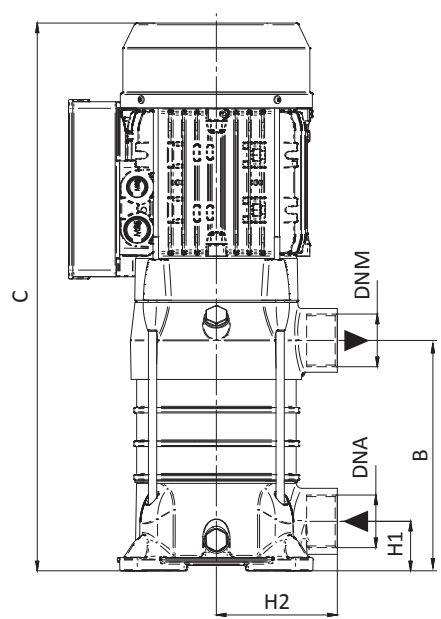
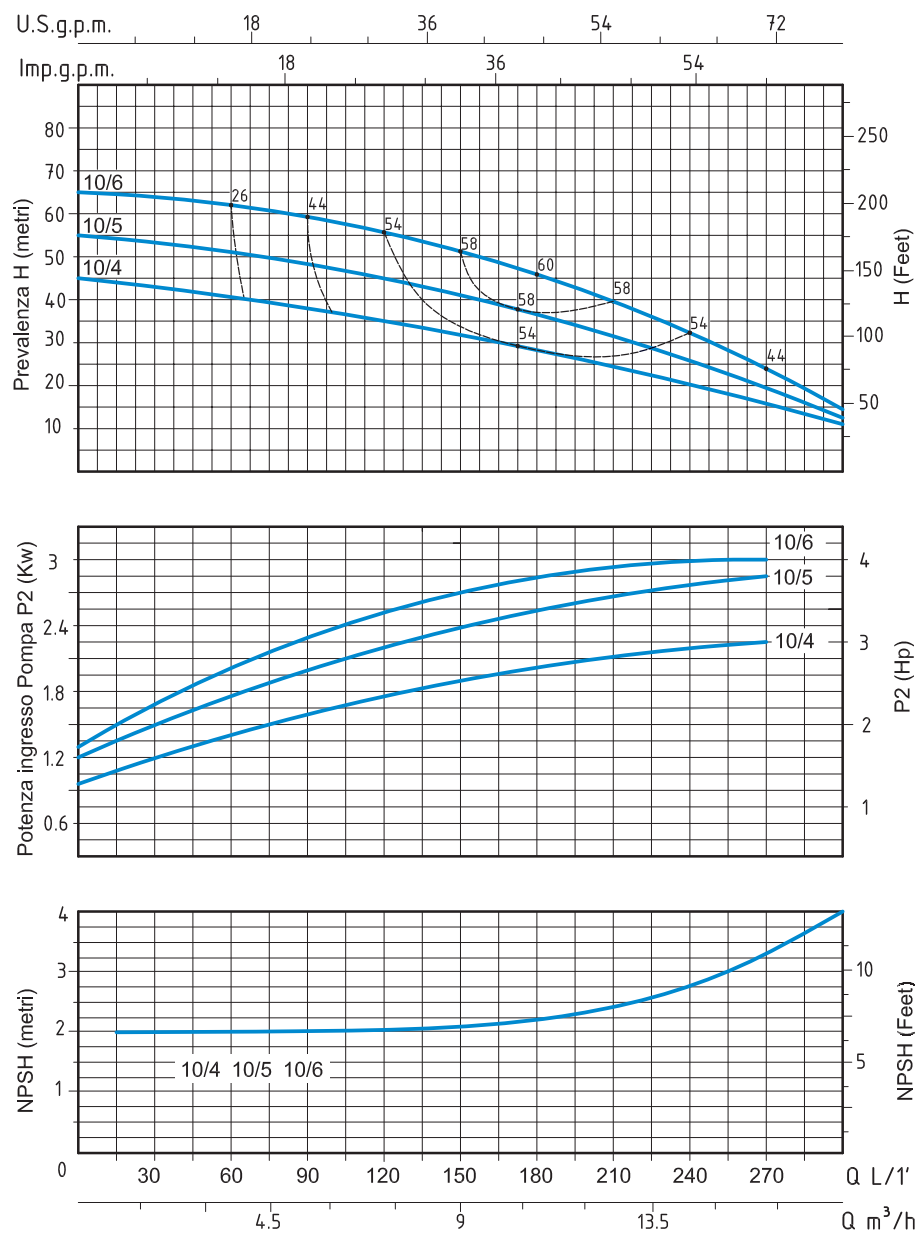
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Stainless Steel AISI 304 |
| - Motor support    | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Diffusers        | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/Viton   |

MRVX10 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |      |      |      |     |     |      |      |      |      |      |  |  |  |  |
|--------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|------|------|------|-----|-----|------|------|------|------|------|--|--|--|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 0    | 1,8  | 3,6  | 5,4 | 7,2 | 10,8 | 13,2 | 15,6 | 16,8 | 18   |  |  |  |  |
|                          |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                                                              | 0    | 30   | 60   | 90  | 120 | 180  | 220  | 260  | 280  | 300  |  |  |  |  |
|                          |                        |                                         |     |                                        |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |      |      |     |     |      |      |      |      |      |  |  |  |  |
|                          |                        |                                         |     |                                        |                          |                        | H<br>(m)                                                           | 44   | 42   | 40,5 | 39  | 37  | 30   | 25   | 19   | 15,5 | 12   |  |  |  |  |
| MRVX 10-4                | MRVXt 10-4             | 2                                       | 1,5 | 2                                      | 9                        | 3,9                    |                                                                    | 54,5 | 51,5 | 50   | 48  | 45  | 36,5 | 29,5 | 21,5 | 17,5 | 13   |  |  |  |  |
| MRVX 10-5                | MRVXt 10-5             | 3                                       | 2,2 | 2,5                                    | 12                       | 4,5                    |                                                                    | 66   | 63   | 60,5 | 59  | 56  | 45,5 | 36,5 | 26,5 | 21   | 15,5 |  |  |  |  |
|                          | MRVXt 10-6             | 4                                       | 3   | 2,8                                    |                          | 6,2                    |                                                                    |      |      |      |     |     |      |      |      |      |      |  |  |  |  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |       |       |       |    |       |    |     |                      |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |      |
|--------------------------|------------------------|-------------------------------|-------|-------|-------|----|-------|----|-----|----------------------|-----|--------------------------------|-----|-----|----------------|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B     | C     | D     | E  | H     | H1 | H2  | Giranti<br>Impellers | DNA | DNM                            | P   | L   | H              | Kg   |
| MRVX 10-4                |                        | 215                           | 164,5 | 498   | 192,5 | 11 | 244,5 | 45 | 110 | 4                    | 1"½ | 1"½                            | 197 | 610 | 208            | 21,2 |
|                          | MRVxt 10-4             | 215                           | 195   | 528,5 | 192,5 | 11 | 244,5 | 45 | 110 | 4                    | 1"½ | 1"½                            | 197 | 610 | 208            | 21,2 |
| MRVX 10-5                | MRVxt 10-5             | 215                           | 225,5 | 559   | 192,5 | 11 | 244,5 | 45 | 110 | 5                    | 1"½ | 1"½                            | 197 | 610 | 208            | 25,5 |
|                          | MRVxt 10-6             | 215                           | 256   | 589,5 | 192,5 | 11 | 244,5 | 45 | 110 | 6                    | 1"½ | 1"½                            | 197 | 610 | 208            | 25,8 |



ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo aspirazione Acciaio Inox AISI 304
- Corpo mandata Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Camicia pompa Acciaio Inox AISI 304
- Coperchio superiore Acciaio Inox AISI 304
- Coperchio inferiore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Silicio/Silicio/Viton

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton

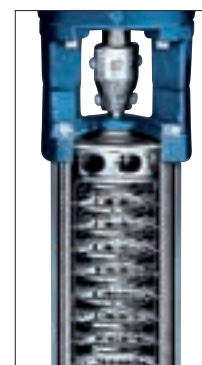
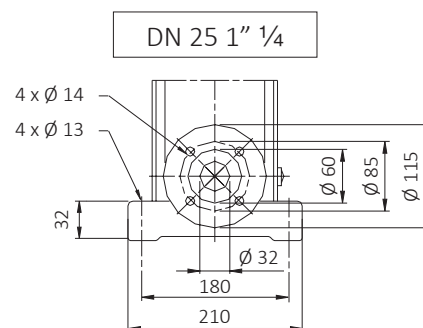
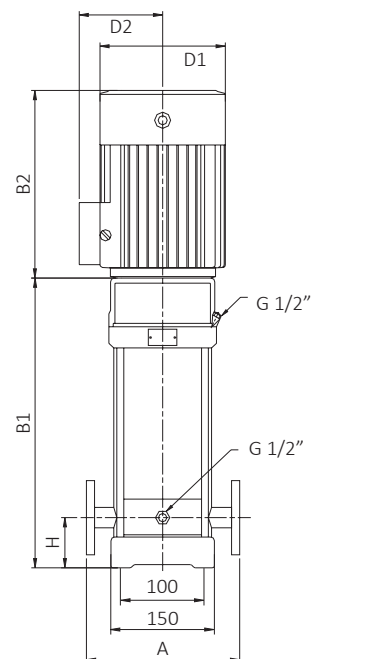
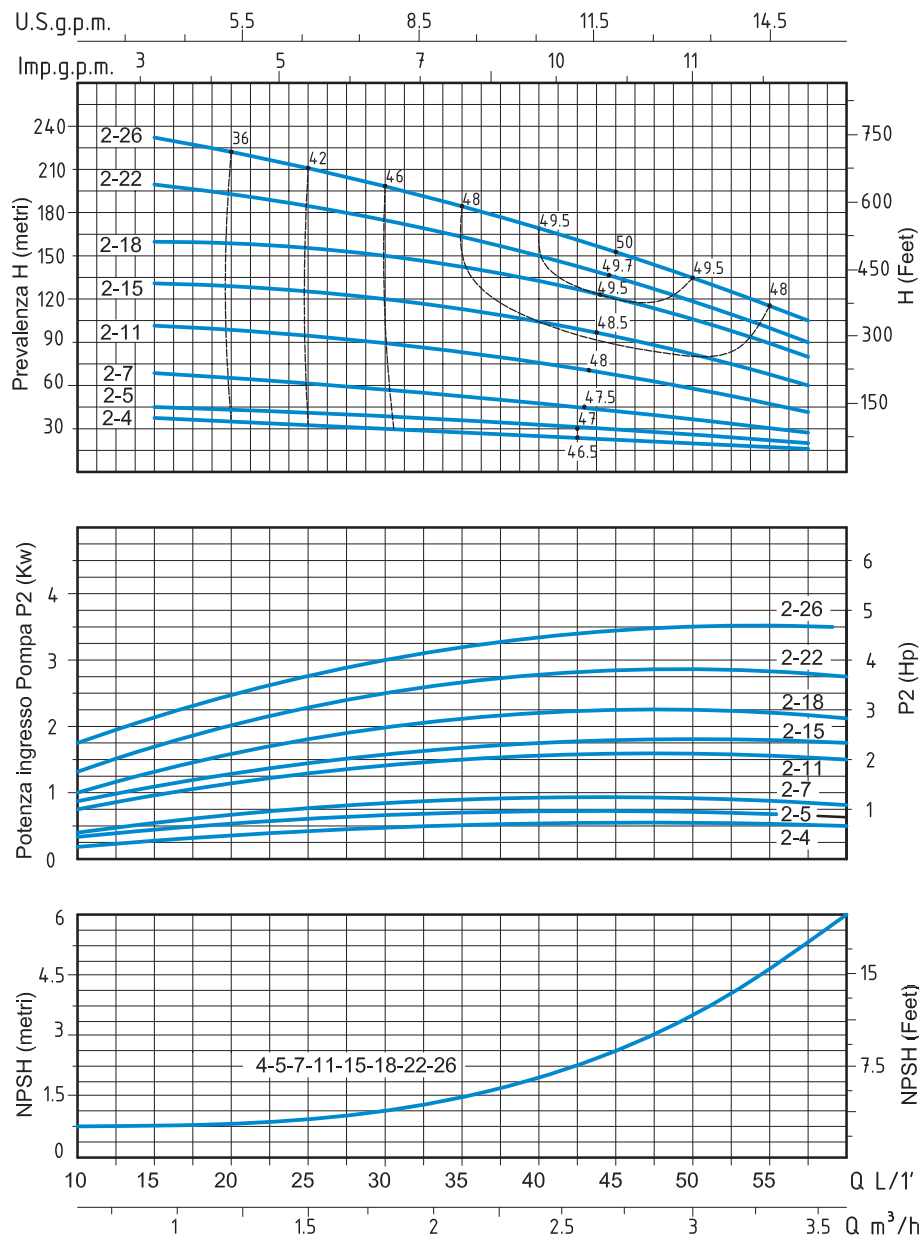
APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



MVS2 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |       |     |     |      |      |      |      |     |
|--------------------------|------------------------|--------------------------------------------------------------------|------|--------------------------|------------------------|-----------------------|-----|-----|-------|-----|-----|------|------|------|------|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 1   | 1,2 | 1,5   | 1,6 | 2   | 2,4  | 2,8  | 3    | 3,2  | 3,5 |
|                          |                        | HP                                                                 | kW   |                          |                        | lt/1'                 | 16  | 20  | 25    | 26  | 33  | 40   | 46   | 50   | 53   | 58  |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                          |                        |                       |     |     |       |     |     |      |      |      |      |     |
| MVS 2-4                  | MVSt 2-4               | 0,75                                                               | 0,55 | 3,4                      | 1,4                    | H<br>(m)              | 36  | 34  | 32,5  | 32  | 29  | 26,5 | 23,5 | 21,5 | 20   | 16  |
| MVS 2-5                  | MVSt 2-5               | 0,75                                                               | 0,55 | 3,4                      | 1,4                    |                       | 45  | 43  | 40,5  | 40  | 37  | 33   | 30   | 26   | 23,5 | 20  |
| MVS 2-7                  | MVSt 2-7               | 1                                                                  | 0,75 | 5                        | 1,7                    |                       | 63  | 60  | 57,5  | 57  | 52  | 47   | 42   | 38   | 35   | 28  |
| MVS 2-11                 | MVSt 2-11              | 1,5                                                                | 1,1  | 6,9                      | 2,5                    |                       | 98  | 94  | 89,5  | 89  | 80  | 73   | 64   | 58   | 53   | 44  |
| MVS 2-15                 | MVSt 2-15              | 2                                                                  | 1,5  | 9,7                      | 3,5                    |                       | 134 | 130 | 124,5 | 124 | 114 | 104  | 94   | 86   | 78   | 60  |
| MVS 2-18                 | MVSt 2-18              | 3                                                                  | 2,2  | 13,5                     | 4,7                    |                       | 161 | 157 | 150,5 | 150 | 140 | 129  | 118  | 104  | 93   | 76  |
| MVS 2-22                 | MVSt 2-22              | 3                                                                  | 2,2  | 13,5                     | 4,7                    |                       | 197 | 191 | 180,5 | 180 | 165 | 150  | 135  | 123  | 110  | 90  |
|                          | MVSt 2-26              | 4                                                                  | 3    |                          | 6,1                    |                       | 232 | 224 | 214,5 | 214 | 190 | 175  | 158  | 144  | 130  | 110 |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | H  | B1  | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   | Kg             |
| MVS 2-4                  | MVSt 2-4               | 250                          | 75 | 294 | 210 | 504     | 148 | 117 | DN 25 1" 1/4      | 320                            | 765  | 395 | 34             |
| MVS 2-5                  | MVSt 2-5               | 250                          | 75 | 312 | 210 | 522     | 148 | 117 | DN 25 1" 1/4      | 320                            | 765  | 395 | 34,1           |
| MVS 2-7                  | MVSt 2-7               | 250                          | 75 | 358 | 245 | 603     | 170 | 142 | DN 25 1" 1/4      | 320                            | 765  | 395 | 38,1           |
| MVS 2-11                 | MVSt 2-11              | 250                          | 75 | 430 | 245 | 675     | 170 | 142 | DN 25 1" 1/4      | 320                            | 765  | 395 | 42,1           |
| MVS 2-15                 | MVSt 2-15              | 250                          | 75 | 512 | 290 | 802     | 190 | 155 | DN 25 1" 1/4      | 372                            | 965  | 445 | 50,9           |
| MVS 2-18                 | MVSt 2-18              | 250                          | 75 | 566 | 290 | 856     | 190 | 155 | DN 25 1" 1/4      | 372                            | 965  | 445 | 55             |
| MVS 2-22                 | MVSt 2-22              | 250                          | 75 | 638 | 290 | 928     | 190 | 155 | DN 25 1" 1/4      | 365                            | 1115 | 440 | 59,4           |
|                          | MVSt 2-26              | 250                          | 75 | 720 | 315 | 1035    | 197 | 165 | DN 25 1" 1/4      | 365                            | 1115 | 440 | 66,1           |

ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                       |                       |
|-----------------------|-----------------------|
| - Corpo aspirazione   | Acciaio Inox AISI 304 |
| - Corpo mandata       | Acciaio Inox AISI 304 |
| - Girante             | Acciaio Inox AISI 304 |
| - Camicia pompa       | Acciaio Inox AISI 304 |
| - Coperchio superiore | Acciaio Inox AISI 304 |
| - Coperchio inferiore | Acciaio Inox AISI 304 |
| - Albero motore       | Acciaio Inox AISI 304 |
| - Tenute meccaniche   | Silicio/Silicio/Viton |

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |

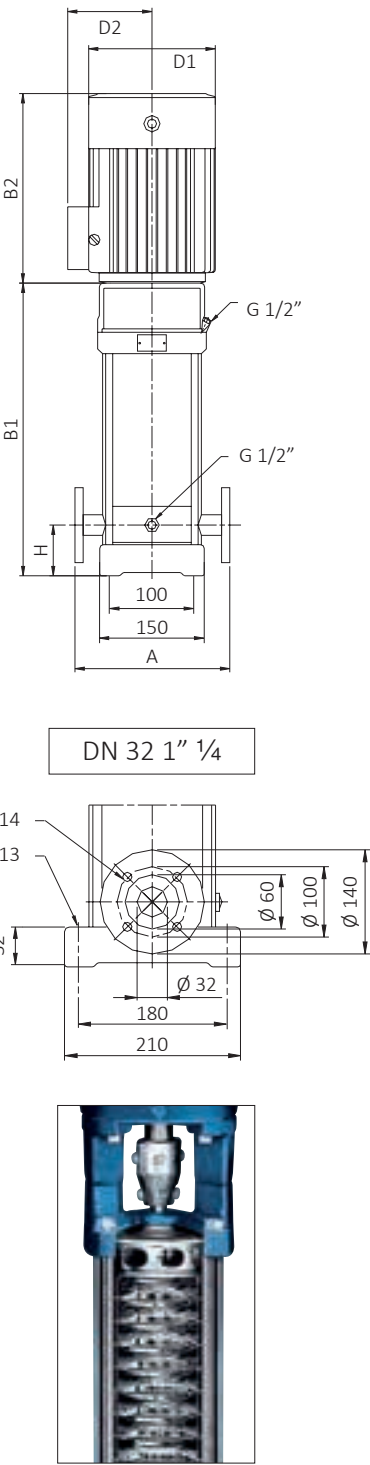
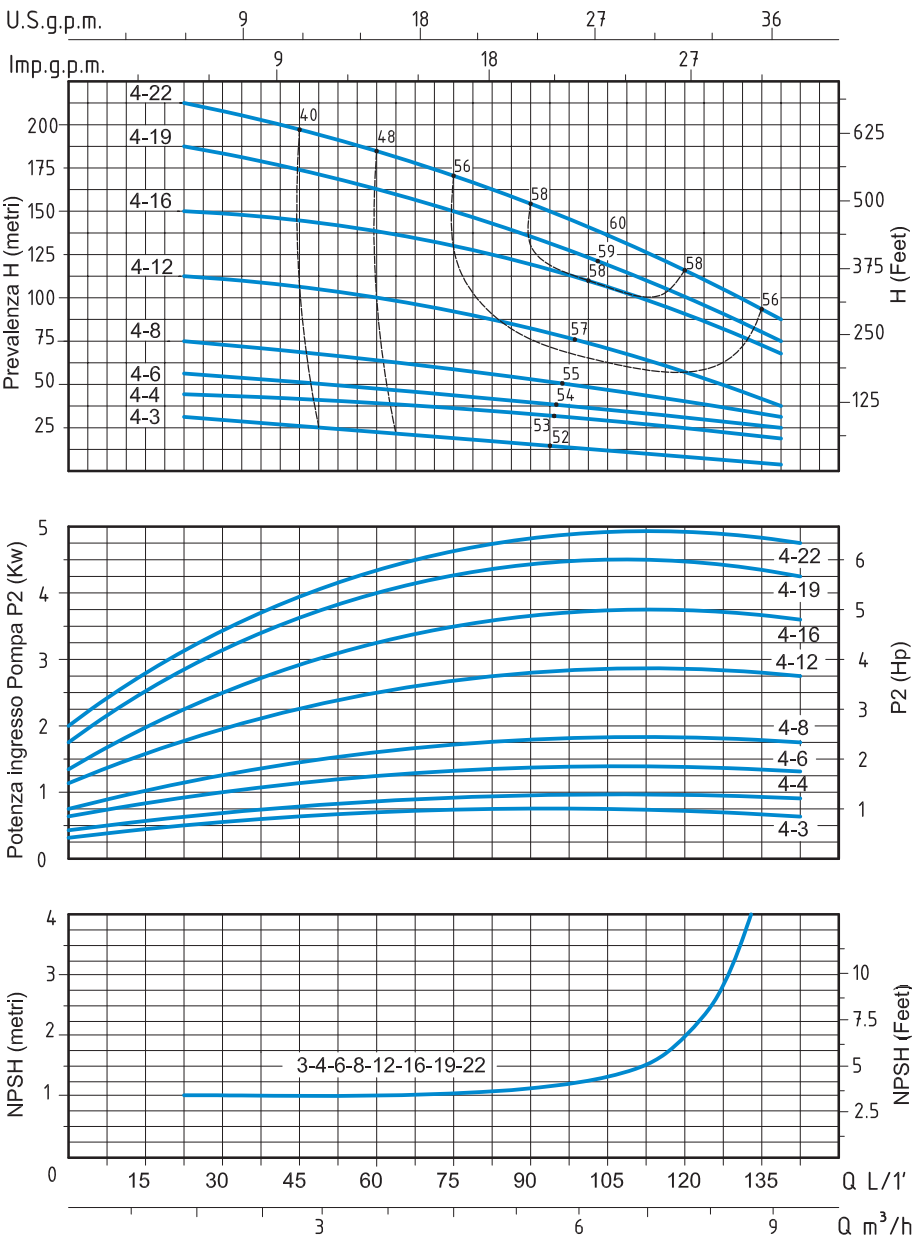
APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



MVS4 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                       |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |       |       |      |      |       |     |      |      |     |
|--------------------------------------------------------------------|------------------------|-----------------------------------------|------|--------------------------|------------------------|-----------------------|-----|-------|-------|------|------|-------|-----|------|------|-----|
| Monofase<br>Single-phase                                           | Trifase<br>Three-phase | P2                                      |      | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 1,5 | 2     | 2,4   | 3    | 3,5  | 4     | 5   | 6    | 7    | 8   |
|                                                                    |                        | HP                                      | kW   |                          |                        | lt/1'                 | 25  | 33    | 40    | 50   | 58   | 66    | 83  | 100  | 116  | 133 |
| Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                        |                                         |      |                          |                        |                       |     |       |       |      |      |       |     |      |      |     |
| MVS 4-3                                                            | MVSt 4-3               | 0,75                                    | 0,55 | 3,4                      | 1,4                    | H<br>(m)              | 28  | 27    | 26,5  | 25,5 | 24,5 | 23,5  | 21  | 18   | 14   | 10  |
| MVS 4-4                                                            | MVSt 4-4               | 1                                       | 0,75 | 5                        | 1,7                    |                       | 38  | 36    | 35,5  | 34,5 | 33,5 | 32    | 29  | 24,5 | 19   | 13  |
| MVS 4-6                                                            | MVSt 4-6               | 1,5                                     | 1,1  | 6,9                      | 2,5                    |                       | 56  | 54,5  | 53,5  | 52   | 50   | 48    | 42  | 36   | 28,5 | 20  |
| MVS 4-8                                                            | MVSt 4-8               | 2                                       | 1,5  | 9,7                      | 3,5                    |                       | 74  | 73    | 72    | 70   | 68   | 66    | 60  | 52   | 42   | 27  |
| MVS 4-12                                                           | MVSt 4-12              | 3                                       | 2,2  | 13,5                     | 4,7                    |                       | 114 | 110   | 107,5 | 104  | 101  | 96    | 87  | 74   | 59   | 41  |
|                                                                    | MVSt 4-16              | 4                                       | 3    |                          | 6,1                    |                       | 152 | 149,5 | 146,5 | 142  | 137  | 131,5 | 118 | 101  | 80   | 55  |
|                                                                    | MVSt 4-19              | 5,5                                     | 4    |                          | 8                      |                       | 183 | 179   | 175   | 168  | 163  | 158   | 143 | 124  | 100  | 67  |
|                                                                    | MVSt 4-22              | 5,5                                     | 4    |                          | 8                      |                       | 211 | 205   | 200   | 194  | 188  | 181   | 164 | 142  | 116  | 79  |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |     |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|-----|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | H  | B1  | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   | Kg             |
| MVS 4-3                  | MVSt 4-3               | 250                          | 75 | 303 | 210 | 513     | 148 | 148 | DN 32 1" 1/4      | 320                            | 765  | 395 | 37,1           |
| MVS 4-4                  | MVSt 4-4               | 250                          | 75 | 340 | 245 | 585     | 170 | 142 | DN 32 1" 1/4      | 320                            | 765  | 395 | 39             |
| MVS 4-6                  | MVSt 4-6               | 250                          | 75 | 394 | 245 | 639     | 170 | 142 | DN 32 1" 1/4      | 320                            | 765  | 395 | 44,1           |
| MVS 4-8                  | MVSt 4-8               | 250                          | 75 | 458 | 290 | 748     | 190 | 155 | DN 32 1" 1/4      | 372                            | 965  | 445 | 52,1           |
| MVS 4-12                 | MVSt 4-12              | 250                          | 75 | 566 | 290 | 856     | 190 | 155 | DN 32 1" 1/4      | 372                            | 965  | 445 | 57,1           |
|                          | MVSt 4-16              | 250                          | 75 | 684 | 315 | 999     | 197 | 165 | DN 32 1" 1/4      | 365                            | 1115 | 440 | 64,1           |
|                          | MVSt 4-19              | 250                          | 75 | 765 | 335 | 1100    | 230 | 188 | DN 32 1" 1/4      | 417                            | 1215 | 445 | 78,5           |
|                          | MVSt 4-22              | 250                          | 75 | 846 | 335 | 1181    | 230 | 188 | DN 32 1" 1/4      | 417                            | 1215 | 445 | 81,8           |

ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo aspirazione Acciaio Inox AISI 304
- Corpo mandata Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Camicia pompa Acciaio Inox AISI 304
- Coperchio superiore Acciaio Inox AISI 304
- Coperchio inferiore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Silicio/Silicio/Viton

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton

APPLICATION

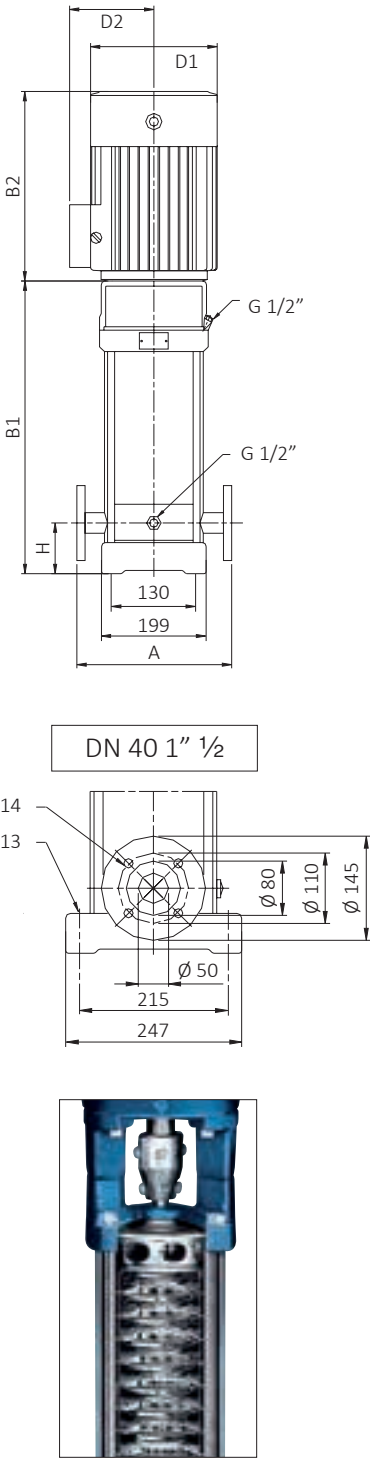
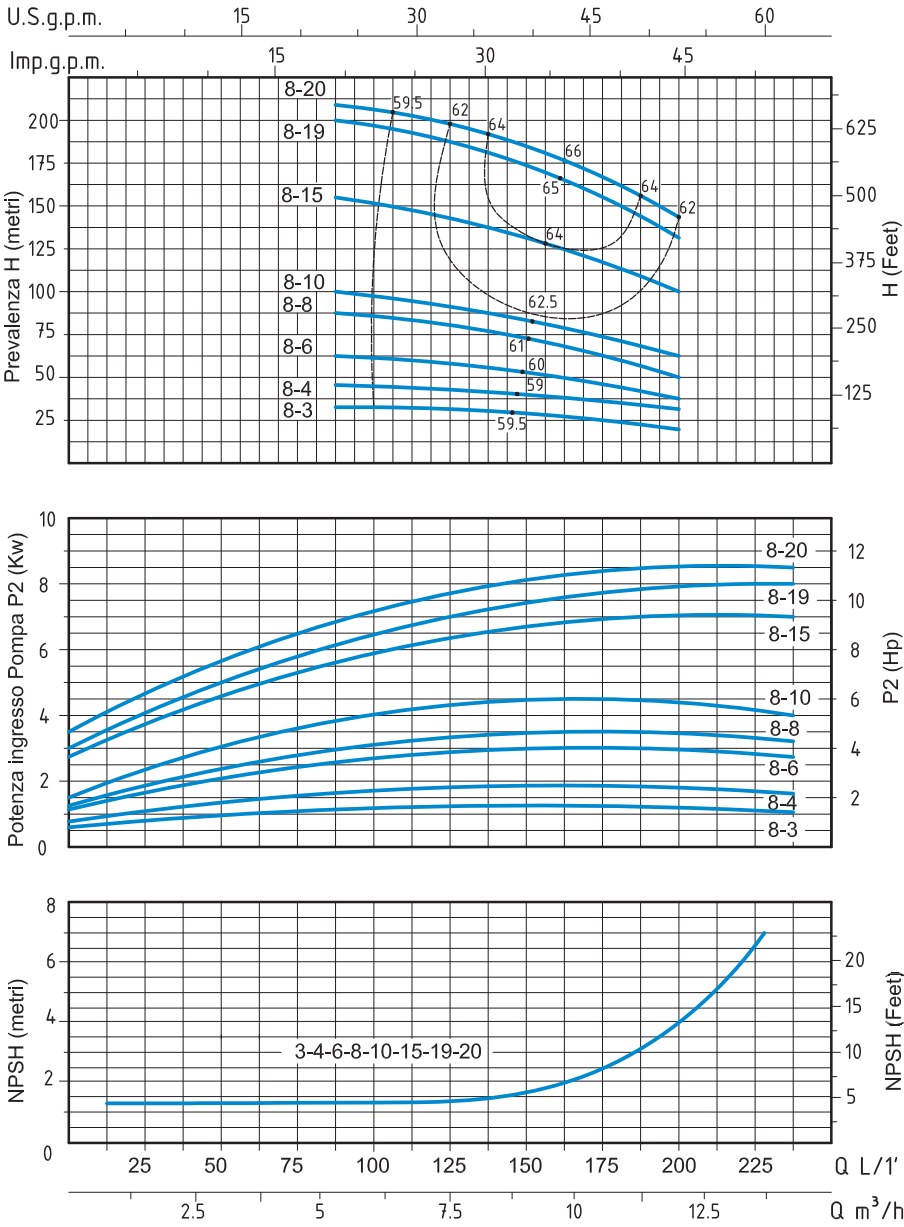
Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



MVS8 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | AMPERE                   |                        | Q = PORTATA- CAPACITY                                              |     |     |     |     |     |     |     |     |
|--------------------------|------------------------|-----------------------------------------|-----|--------------------------|------------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                               | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
|                          |                        | HP                                      | kW  |                          |                        | lt/1'                                                              | 83  | 100 | 116 | 133 | 150 | 166 | 183 | 200 |
|                          |                        |                                         |     |                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |     |
| MVS 8-3                  | MVSt 8-3               | 1,5                                     | 1,1 | 6,9                      | 2,5                    | H<br>(m)                                                           | 30  | 29  | 28  | 26  | 24  | 22  | 20  | 19  |
| MVS 8-4                  | MVSt 8-4               | 2                                       | 1,5 | 9,7                      | 3,5                    |                                                                    | 41  | 38  | 37  | 35  | 33  | 31  | 27  | 26  |
| MVS 8-6                  | MVSt 8-6               | 3                                       | 2,2 | 13,5                     | 4,7                    |                                                                    | 62  | 58  | 56  | 53  | 49  | 46  | 41  | 39  |
|                          | MVSt 8-8               | 4                                       | 3   |                          | 6,1                    |                                                                    | 83  | 79  | 76  | 73  | 68  | 64  | 57  | 52  |
|                          | MVSt 8-10              | 5,5                                     | 4   |                          | 8                      |                                                                    | 104 | 100 | 97  | 93  | 87  | 81  | 73  | 65  |
|                          | MVSt 8-15              | 7,5                                     | 5,5 |                          | 10,7                   |                                                                    | 155 | 148 | 146 | 136 | 127 | 117 | 106 | 99  |
|                          | MVSt 8-19              | 10                                      | 7,5 |                          | 14,5                   |                                                                    | 197 | 193 | 185 | 175 | 163 | 150 | 132 | 127 |
|                          | MVSt 8-20              | 10                                      | 7,5 |                          | 14,5                   |                                                                    | 208 | 200 | 190 | 180 | 170 | 157 | 145 | 135 |





| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |    |     |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|----|-----|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | H  | B1  | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   | Kg             |
| MVS 8-3                  | MVSt 8-3               | 280                           | 80 | 377 | 245 | 622     | 170 | 142 | DN 40 1" 1/2      | 320                            | 765  | 395 | 51,8           |
| MVS 8-4                  | MVSt 8-4               | 280                           | 80 | 417 | 290 | 707     | 190 | 155 | DN 40 1" 1/2      | 372                            | 965  | 445 | 62             |
| MVS 8-6                  | MVSt 8-6               | 280                           | 80 | 477 | 290 | 767     | 190 | 155 | DN 40 1" 1/2      | 372                            | 965  | 445 | 63             |
|                          | MVSt 8-8               | 280                           | 80 | 547 | 315 | 862     | 197 | 165 | DN 40 1" 1/2      | 372                            | 965  | 445 | 67,6           |
|                          | MVSt 8-10              | 280                           | 80 | 607 | 335 | 942     | 230 | 188 | DN 40 1" 1/2      | 365                            | 1115 | 440 | 82,8           |
|                          | MVSt 8-15              | 280                           | 80 | 807 | 430 | 1237    | 260 | 208 | DN 40 1" 1/2      | 417                            | 1215 | 445 | 104,7          |
|                          | MVSt 8-19              | 280                           | 80 | 867 | 430 | 1297    | 260 | 208 | DN 40 1" 1/2      | 515                            | 1515 | 493 | 123,1          |
|                          | MVSt 8-20              | 280                           | 80 | 927 | 430 | 1357    | 260 | 208 | DN 40 1" 1/2      | 515                            | 1515 | 493 | 125,1          |



ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo aspirazione Acciaio Inox AISI 304
- Corpo mandata Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Camicia pompa Acciaio Inox AISI 304
- Coperchio superiore Acciaio Inox AISI 304
- Coperchio inferiore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Silicio/Silicio/Viton

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

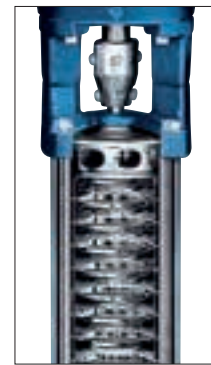
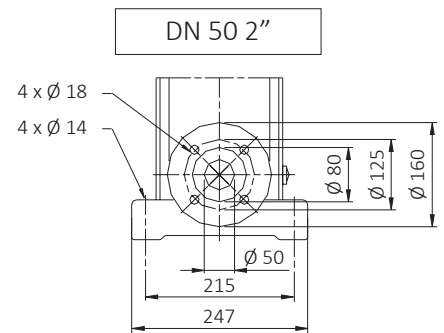
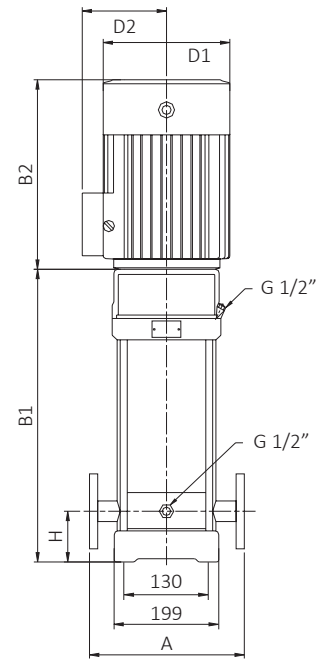
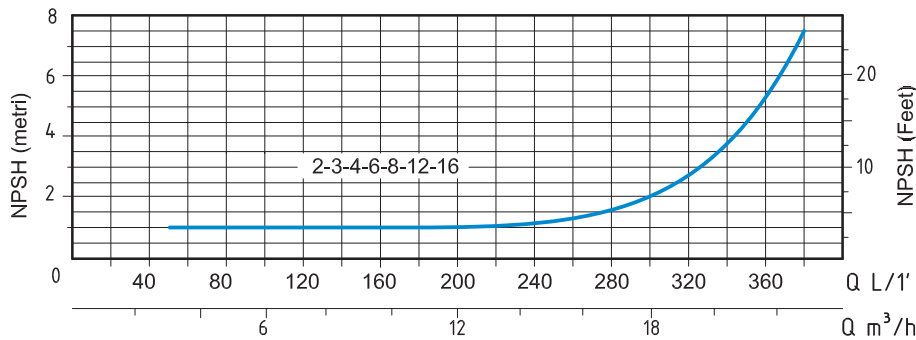
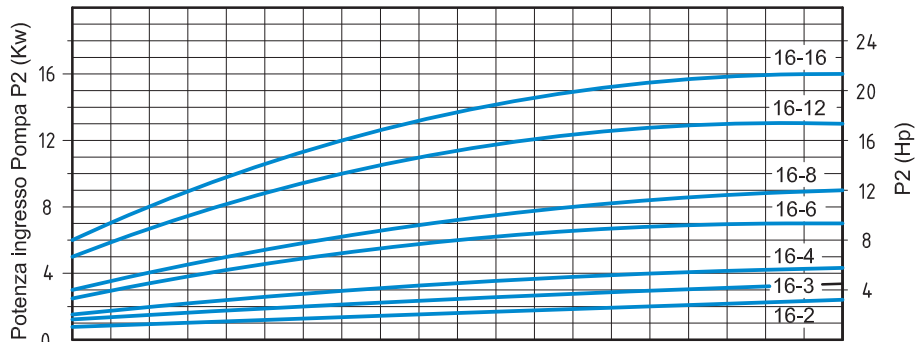
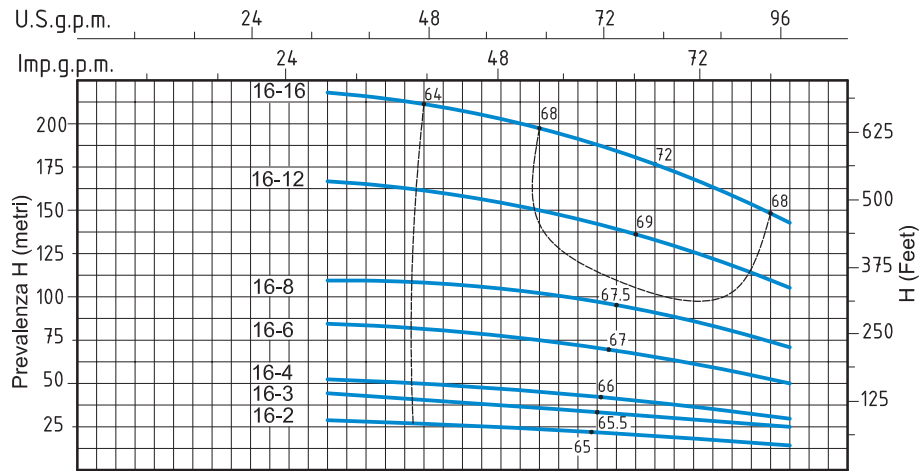
MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton



MVS16 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |     | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |       |     |       |     |      |      |     |     |     |
|--------------------------|------------------------|---------------------------------------------------------------------|-----|--------------------------|------------------------|-----------------------|-----|-------|-----|-------|-----|------|------|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 8   | 9     | 10  | 11    | 12  | 14   | 16   | 18  | 20  | 22  |
|                          |                        | HP                                                                  | kW  |                          |                        | lt/1'                 | 133 | 150   | 166 | 183   | 200 | 233  | 266  | 300 | 333 | 366 |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                          |                        |                       |     |       |     |       |     |      |      |     |     |     |
| MVS 16-2                 | MVSt 16-2              | 3                                                                   | 2,2 | 13,5                     | 4,7                    | H<br>(m)              | 27  | 26,5  | 26  | 25,5  | 25  | 24,5 | 23,5 | 22  | 20  | 16  |
|                          | MVSt 16-3              | 4                                                                   | 3   |                          | 6,1                    |                       | 41  | 40,5  | 40  | 39,5  | 39  | 37,5 | 35,5 | 33  | 30  | 25  |
|                          | MVSt 16-4              | 5,5                                                                 | 4   |                          | 8                      |                       | 54  | 53    | 52  | 51    | 50  | 49   | 46   | 43  | 38  | 34  |
|                          | MVSt 16-6              | 7,5                                                                 | 5,5 |                          | 10,7                   |                       | 82  | 81    | 80  | 78    | 77  | 73   | 69   | 63  | 57  | 52  |
|                          | MVSt 16-8              | 10                                                                  | 7,5 |                          | 14,5                   |                       | 110 | 109,5 | 109 | 108,5 | 108 | 104  | 101  | 95  | 85  | 70  |
|                          | MVSt 16-12             | 15                                                                  | 11  |                          | 19,4                   |                       | 166 | 163   | 161 | 158   | 155 | 149  | 140  | 130 | 118 | 105 |
|                          | MVSt 16-16             | 20                                                                  | 15  |                          | 26                     |                       | 222 | 220   | 218 | 214   | 210 | 202  | 191  | 178 | 162 | 140 |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |    |      |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----|------|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | H  | B1   | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   | Kg             |
| MVS 16-2                 | MVSt 16-2              | 300                          | 90 | 397  | 290 | 687     | 190 | 155 | DN 50 2"          | 365                            | 1115 | 440 | 63,5           |
|                          | MVSt 16-3              | 300                          | 90 | 452  | 315 | 767     | 197 | 165 | DN 50 2"          | 372                            | 965  | 445 | 69,5           |
|                          | MVSt 16-4              | 300                          | 90 | 497  | 335 | 832     | 230 | 188 | DN 50 2"          | 372                            | 965  | 445 | 78,2           |
|                          | MVSt 16-6              | 300                          | 90 | 607  | 430 | 1037    | 260 | 208 | DN 50 2"          | 365                            | 1115 | 440 | 99,1           |
|                          | MVSt 16-8              | 300                          | 90 | 697  | 430 | 1127    | 260 | 208 | DN 50 2"          | 417                            | 1215 | 445 | 109,6          |
|                          | MVSt 16-12             | 300                          | 90 | 965  | 490 | 1455    | 330 | 255 | DN 50 2"          | 515                            | 1515 | 493 | 196,5          |
|                          | MVSt 16-16             | 300                          | 90 | 1145 | 490 | 1635    | 330 | 255 | DN 50 2"          | 515                            | 1715 | 490 | 214,5          |

ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo aspirazione Acciaio Inox AISI 304
- Corpo mandata Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Camicia pompa Acciaio Inox AISI 304
- Coperchio superiore Acciaio Inox AISI 304
- Coperchio inferiore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Silicio/Silicio/Viton

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

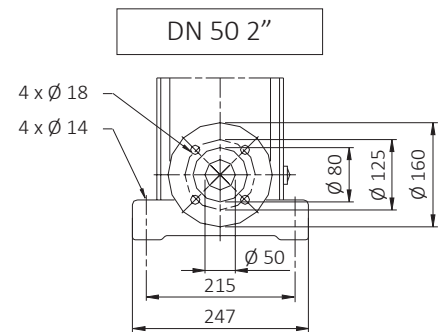
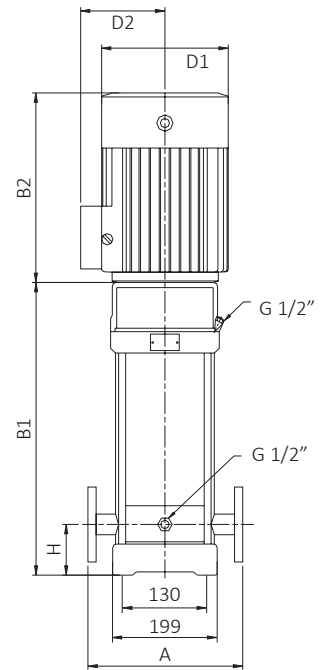
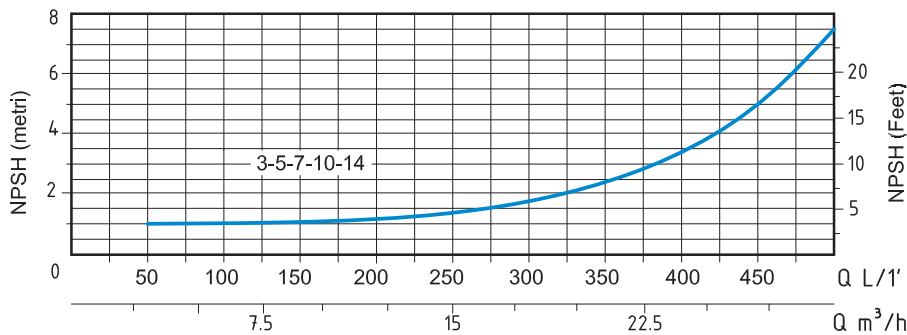
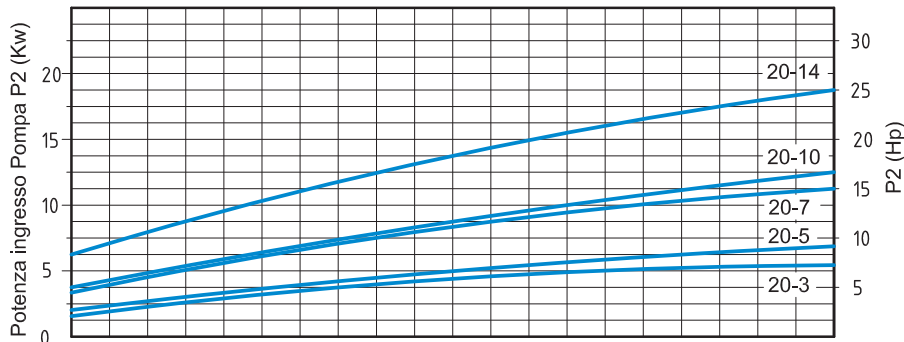
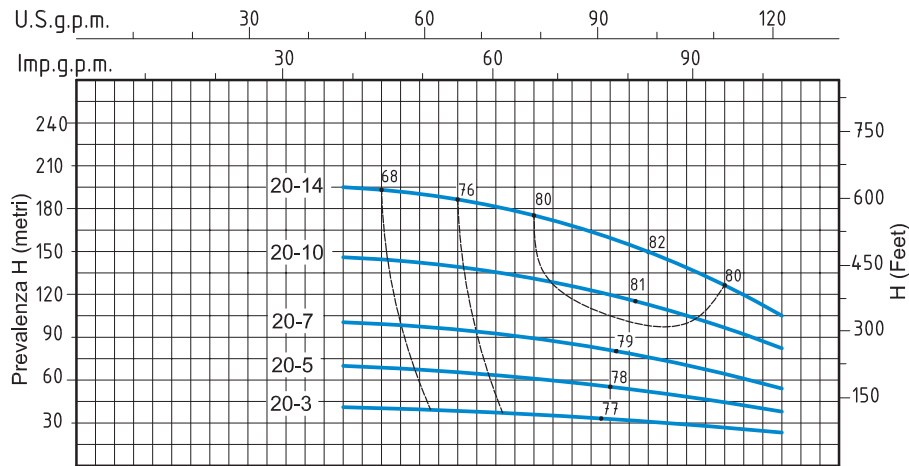
MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton



MVS 20 - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br><i>NOMINAL</i><br>POWER                     |     | AMPERE                 | Q = PORTATA- CAPACITY |     |     |       |      |     |     |     |     |     |     |
|------------------------|--------------------------------------------------------------------|-----|------------------------|-----------------------|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|
| Trifase<br>Three-phase | P2                                                                 |     | Trifase<br>Three-phase | m³/h                  | 10  | 12  | 14    | 18   | 20  | 22  | 24  | 25  | 26  | 28  |
|                        | HP                                                                 | kW  |                        | lt/1'                 | 166 | 200 | 233   | 300  | 333 | 366 | 400 | 416 | 433 | 466 |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                        |                       |     |     |       |      |     |     |     |     |     |     |
| MVSt 20-3              | 5,5                                                                | 4   | 8                      | H<br>(m)              | 41  | 40  | 39    | 36,5 | 34  | 35  | 29  | 28  | 27  | 24  |
| MVSt 20-5              | 7,5                                                                | 5,5 | 10,7                   |                       | 67  | 66  | 65,5  | 63   | 60  | 56  | 53  | 50  | 48  | 40  |
| MVSt 20-7              | 10                                                                 | 7,5 | 14,5                   |                       | 95  | 94  | 93,5  | 87   | 83  | 79  | 73  | 70  | 67  | 58  |
| MVSt 20-10             | 15                                                                 | 11  | 19,4                   |                       | 136 | 135 | 134,5 | 126  | 120 | 113 | 106 | 102 | 98  | 85  |
| MVSt 20-14             | 20                                                                 | 15  | 29                     |                       | 192 | 191 | 190,5 | 178  | 170 | 160 | 149 | 143 | 137 | 119 |



| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |    |      |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|------------------------|------------------------------|----|------|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
|                        | A                            | H  | B1   | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   |                |
| Trifase<br>Three-phase |                              |    |      |     |         |     |     |                   |                                |      |     | Kg             |
| MVSt 20-3              | 300                          | 90 | 452  | 335 | 787     | 230 | 188 | DN 50 2"          | 372                            | 965  | 445 | 71,1           |
| MVSt 20-5              | 300                          | 90 | 562  | 430 | 992     | 260 | 208 | DN 50 2"          | 365                            | 1115 | 440 | 100,4          |
| MVSt 20-7              | 300                          | 90 | 652  | 430 | 1082    | 260 | 208 | DN 50 2"          | 417                            | 1215 | 445 | 108,9          |
| MVSt 20-10             | 300                          | 90 | 875  | 490 | 1365    | 330 | 255 | DN 50 2"          | 515                            | 1515 | 493 | 157            |
| MVSt 20-14             | 300                          | 90 | 1055 | 490 | 1545    | 330 | 255 | DN 50 2"          | 515                            | 1715 | 490 | 208,5          |

ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo aspirazione Acciaio Inox AISI 304
- Corpo mandata Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Camicia pompa Acciaio Inox AISI 304
- Coperchio superiore Acciaio Inox AISI 304
- Coperchio inferiore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Silicio/Silicio/Viton

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton

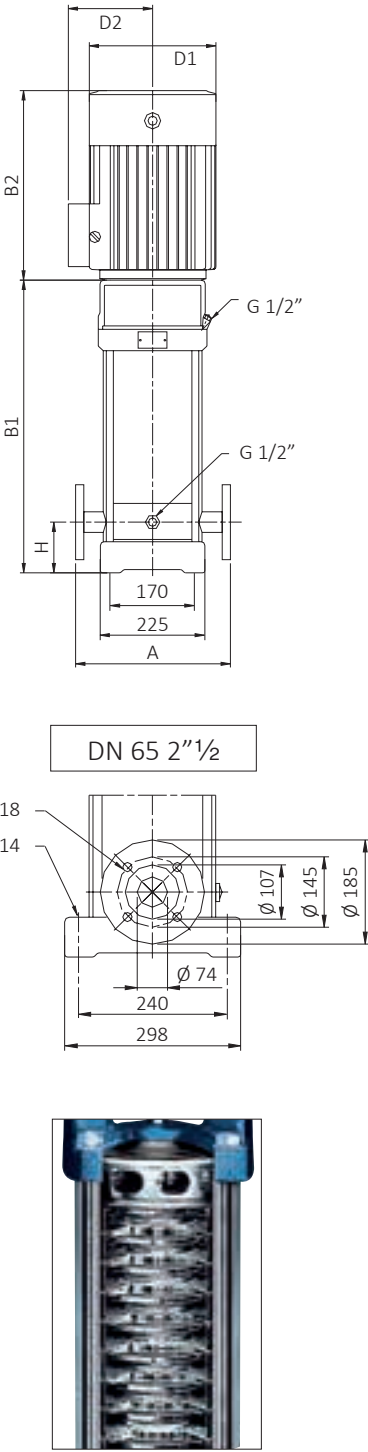
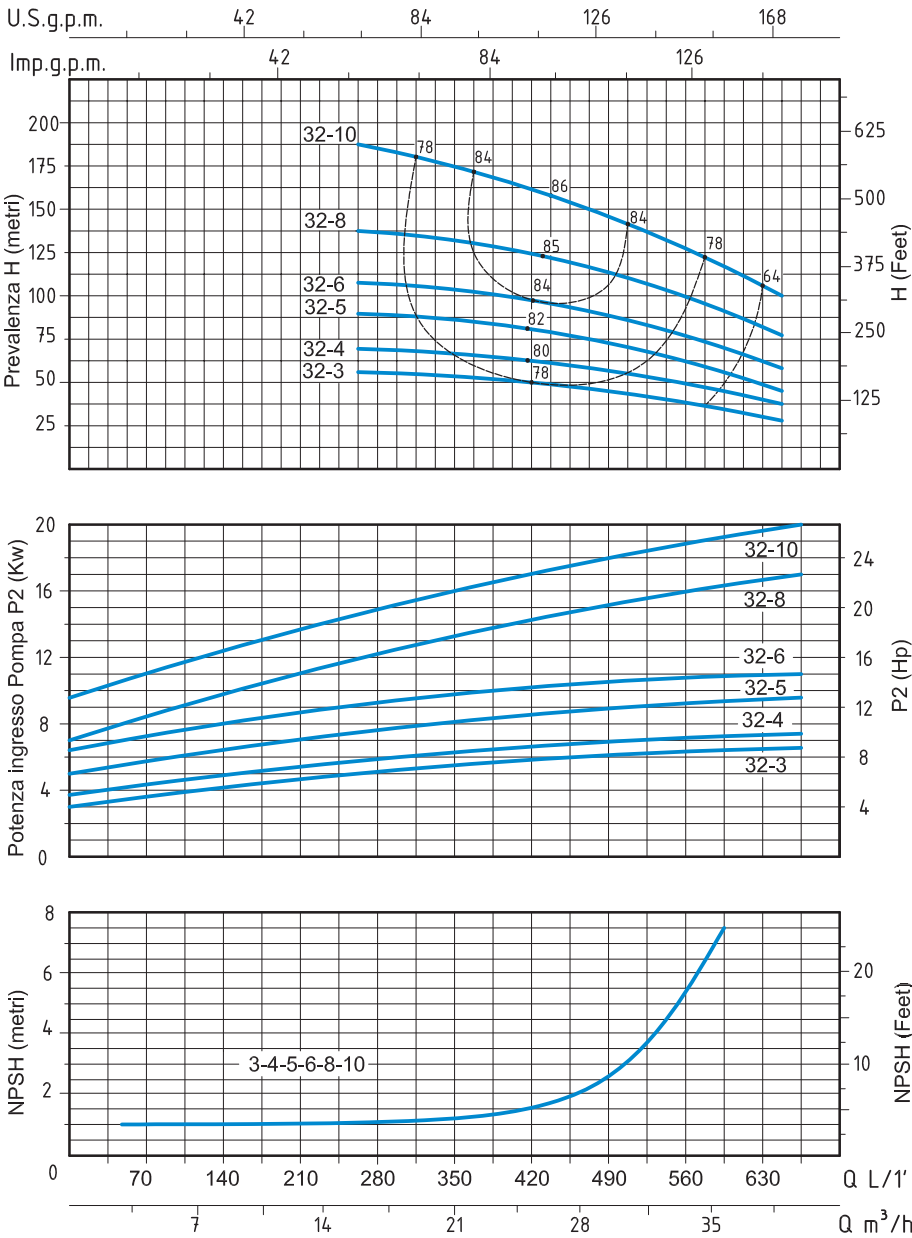
APPLICATION

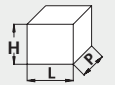
Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



MVS 32 - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | AMPERE                 | Q = PORTATA- CAPACITY |     |     |       |      |     |     |     |     |     |     |
|------------------------|--------------------------------------------------------------------|------|------------------------|-----------------------|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|
| Trifase<br>Three-phase | P2                                                                 |      | Trifase<br>Three-phase | m³/h                  | 16  | 20  | 22    | 24   | 26  | 28  | 30  | 32  | 35  | 40  |
|                        | HP                                                                 | kW   |                        | lt/1'                 | 266 | 333 | 366   | 400  | 433 | 466 | 500 | 573 | 583 | 666 |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                        |                       |     |     |       |      |     |     |     |     |     |     |
| MVSt 32-3              | 7,5                                                                | 5,5  | 10,7                   | H<br>(m)              | 54  | 51  | 49    | 48   | 46  | 44  | 42  | 36  | 35  | 27  |
| MVSt 32-4              | 10                                                                 | 7,5  | 14,5                   |                       | 72  | 69  | 67    | 65   | 63  | 60  | 57  | 49  | 48  | 37  |
| MVSt 32-5              | 15                                                                 | 11   | 16                     |                       | 90  | 86  | 84    | 81,5 | 79  | 76  | 72  | 63  | 61  | 47  |
| MVSt 32-6              | 15                                                                 | 11   | 19,4                   |                       | 108 | 106 | 103   | 100  | 97  | 93  | 89  | 79  | 77  | 57  |
| MVSt 32-8              | 20                                                                 | 15   | 24,5                   |                       | 144 | 139 | 135,5 | 132  | 127 | 122 | 117 | 102 | 100 | 77  |
| MVSt 32-10             | 25                                                                 | 18,5 | 32                     |                       | 182 | 175 | 171   | 166  | 160 | 153 | 145 | 124 | 120 | 98  |



| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |     |      |     |         |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |  |      |     | PESO<br>WEIGHT |
|------------------------|------------------------------|-----|------|-----|---------|-----|-----|--------------------------------|---------------------------------------------------------------------------------------|------|-----|----------------|
|                        | A                            | H   | B1   | B2  | B1 + B2 | D1  | D2  |                                | P                                                                                     | L    | H   |                |
| Trifase<br>Three-phase |                              |     |      |     |         |     |     | FLANGIA<br>FLANGE              |                                                                                       |      |     | Kg             |
| MVSt 32-3              | 320                          | 105 | 645  | 430 | 1075    | 260 | 208 | DN 65 2" 1/2                   | 417                                                                                   | 1215 | 444 | 120,2          |
| MVSt 32-4              | 320                          | 105 | 715  | 430 | 1145    | 260 | 208 | DN 65 2" 1/2                   | 417                                                                                   | 1215 | 444 | 130,8          |
| MVSt 32-5              | 320                          | 105 | 890  | 490 | 1380    | 330 | 255 | DN 65 2" 1/2                   | 515                                                                                   | 1515 | 493 | 218,1          |
| MVSt 32-6              | 320                          | 105 | 960  | 490 | 1450    | 330 | 255 | DN 65 2" 1/2                   | 515                                                                                   | 1515 | 493 | 222,1          |
| MVSt 32-8              | 320                          | 105 | 1100 | 490 | 1590    | 330 | 255 | DN 65 2" 1/2                   | 515                                                                                   | 1715 | 490 | 241,5          |
| MVSt 32-10             | 320                          | 105 | 1240 | 550 | 1790    | 330 | 255 | DN 65 2" 1/2                   | 515                                                                                   | 1915 | 495 | 264            |



ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo aspirazione Acciaio Inox AISI 304
- Corpo mandata Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Camicia pompa Acciaio Inox AISI 304
- Coperchio superiore Acciaio Inox AISI 304
- Coperchio inferiore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Silicio/Silicio/Viton

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton

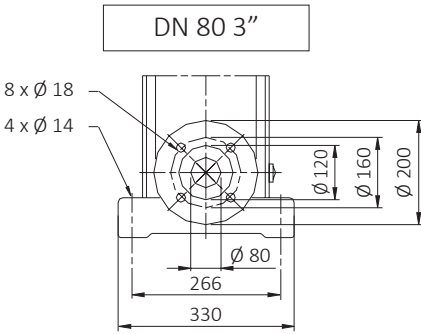
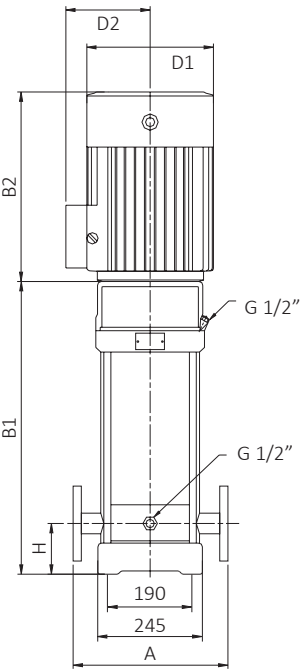
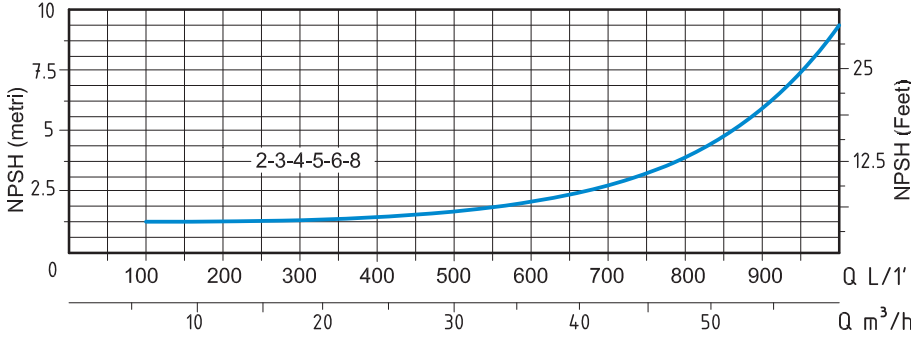
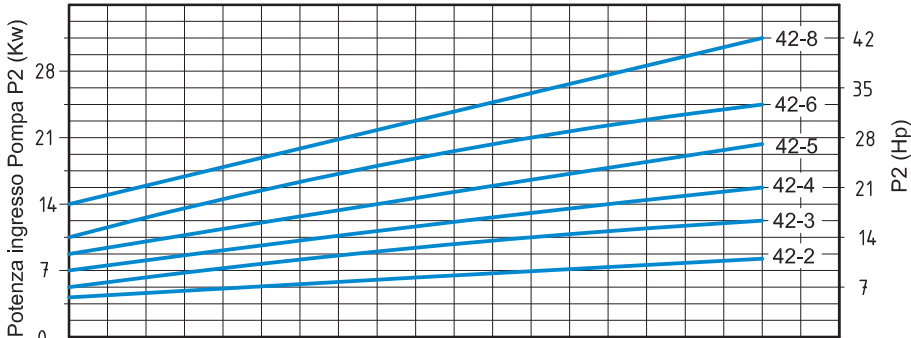
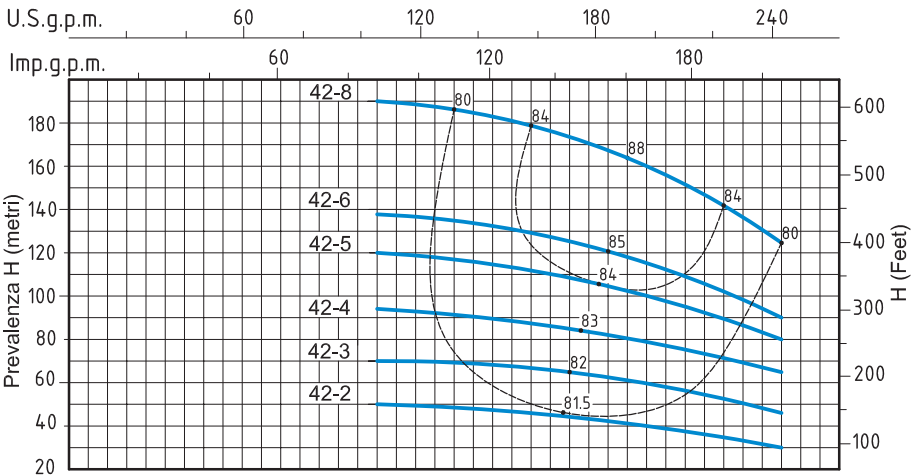
APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



MVS 42 - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | AMPERE                 | Q = PORTATA- CAPACITY                                              |     |     |       |     |     |     |     |     |     |     |
|------------------------|-----------------------------------------|------|------------------------|--------------------------------------------------------------------|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|
| Trifase<br>Three-phase | P2                                      |      | Trifase<br>Three-phase | m³/h                                                               | 25  | 28  | 30    | 32  | 36  | 40  | 42  | 45  | 50  | 55  |
|                        | HP                                      | kW   |                        | lt/1'                                                              | 416 | 466 | 500   | 573 | 600 | 666 | 700 | 750 | 832 | 916 |
|                        |                                         |      |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |       |     |     |     |     |     |     |     |
| MVSt 42-2              | 10                                      | 7,5  | 14,5                   | H<br>(m)                                                           | 48  | 47  | 46    | 45  | 43  | 42  | 41  | 39  | 35  | 31  |
| MVSt 42-3              | 15                                      | 11   | 19,4                   |                                                                    | 71  | 70  | 69,5  | 68  | 66  | 64  | 63  | 60  | 56  | 47  |
| MVSt 42-4              | 20                                      | 15   | 27                     |                                                                    | 95  | 94  | 93,5  | 90  | 88  | 85  | 83  | 81  | 76  | 62  |
| MVSt 42-5              | 25                                      | 18,5 | 33                     |                                                                    | 119 | 118 | 117,5 | 114 | 112 | 109 | 106 | 102 | 95  | 78  |
| MVSt 42-6              | 30                                      | 22   | 39,5                   |                                                                    | 143 | 142 | 141,5 | 135 | 133 | 126 | 122 | 116 | 104 | 93  |
| MVSt 42-8              | 40                                      | 30   | 55,5                   |                                                                    | 190 | 189 | 188,5 | 183 | 180 | 170 | 160 | 158 | 142 | 124 |



| TIPO<br>TYPE           | DIMENSIONI mm - DIMENSIONS mm |     |      |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|------------------------|-------------------------------|-----|------|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
|                        | A                             | H   | B1   | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   |                |
| Trifase<br>Three-phase |                               |     |      |     |         |     |     |                   |                                |      |     | Kg             |
| MVSt 42-2              | 365                           | 140 | 641  | 430 | 1071    | 260 | 208 | DN 80 3"          | 417                            | 1215 | 445 | 138,1          |
| MVSt 42-3              | 365                           | 140 | 826  | 490 | 1316    | 330 | 255 | DN 80 3"          | 515                            | 1515 | 493 | 225            |
| MVSt 42-4              | 365                           | 140 | 906  | 490 | 1396    | 330 | 255 | DN 80 3"          | 515                            | 1515 | 493 | 239            |
| MVSt 42-5              | 365                           | 140 | 986  | 550 | 1536    | 330 | 255 | DN 80 3"          | 515                            | 1715 | 490 | 261,5          |
| MVSt 42-6              | 365                           | 140 | 1066 | 590 | 1656    | 360 | 285 | DN 80 3"          | 615                            | 1965 | 545 | 301            |
| MVSt 42-8              | 365                           | 140 | 1226 | 660 | 1886    | 400 | 310 | DN 80 3"          | 615                            | 1965 | 545 | 391            |

ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                       |                       |
|-----------------------|-----------------------|
| - Corpo aspirazione   | Acciaio Inox AISI 304 |
| - Corpo mandata       | Acciaio Inox AISI 304 |
| - Girante             | Acciaio Inox AISI 304 |
| - Camicia pompa       | Acciaio Inox AISI 304 |
| - Coperchio superiore | Acciaio Inox AISI 304 |
| - Coperchio inferiore | Acciaio Inox AISI 304 |
| - Albero motore       | Acciaio Inox AISI 304 |
| - Tenute meccaniche   | Silicio/Silicio/Viton |

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Silicon/Viton    |

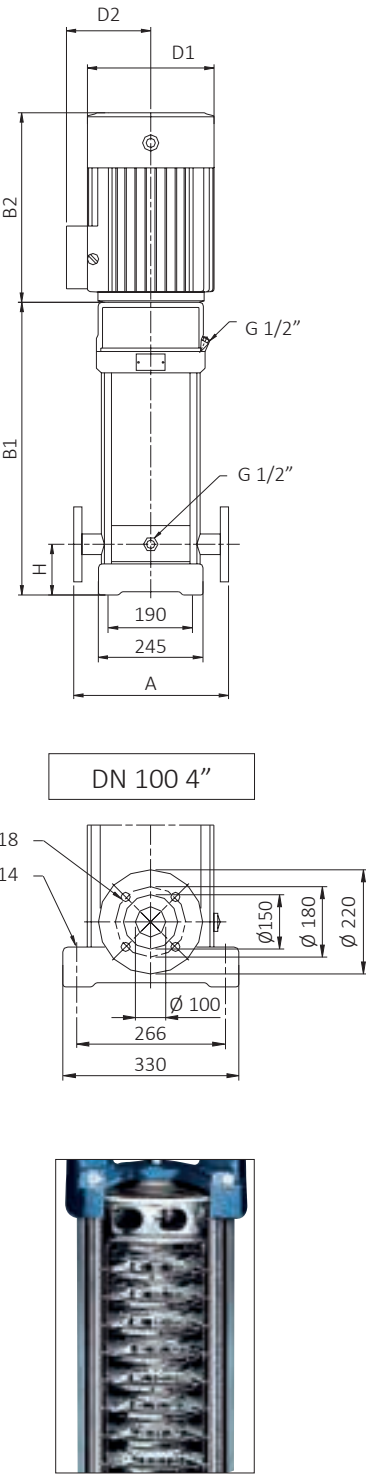
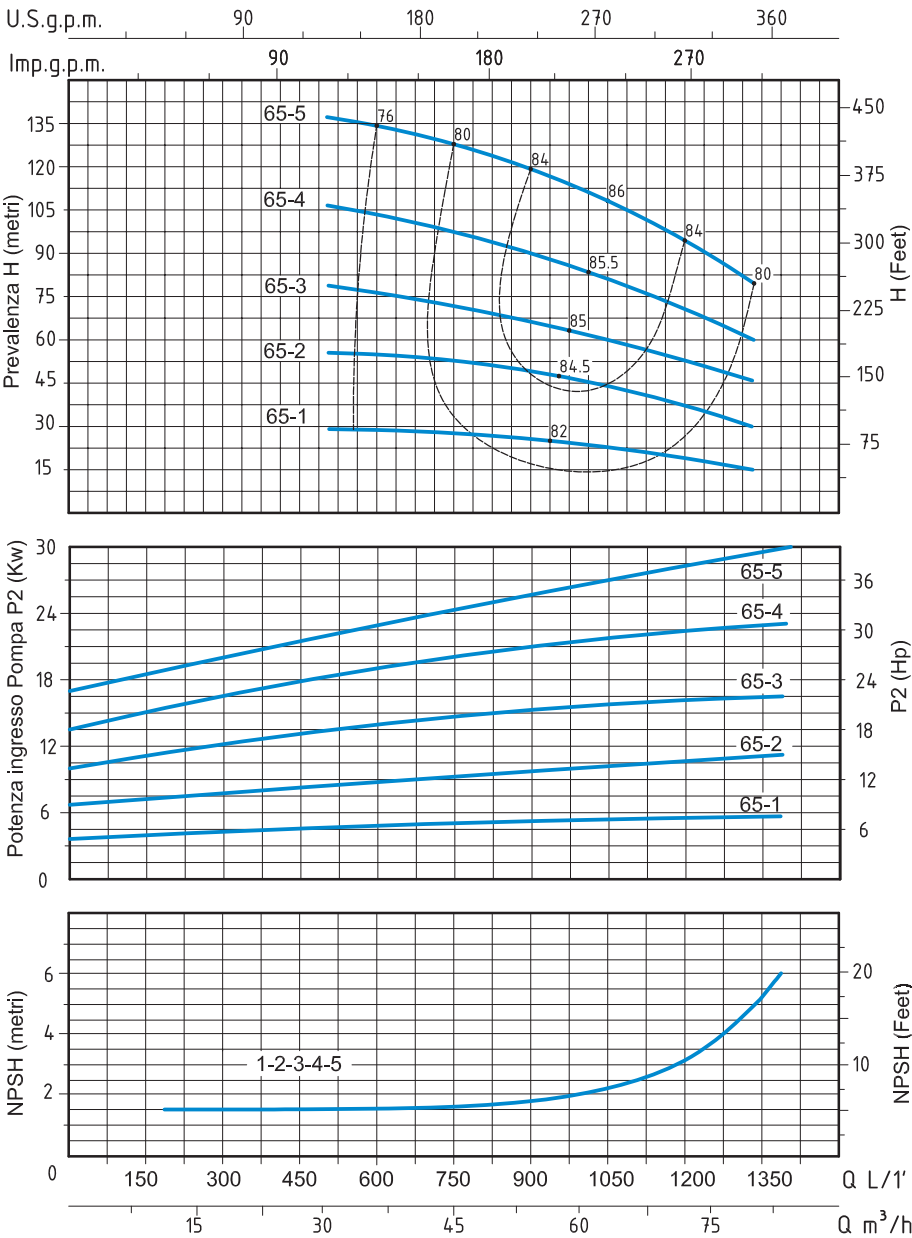
APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



MVS 65 - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br><i>NOMINAL</i><br>POWER                     |      | AMPERE                 | Q = PORTATA- CAPACITY |     |      |      |      |     |     |      |      |      |      |
|------------------------|--------------------------------------------------------------------|------|------------------------|-----------------------|-----|------|------|------|-----|-----|------|------|------|------|
| Trifase<br>Three-phase | P2                                                                 |      | Trifase<br>Three-phase | m³/h                  | 30  | 32   | 36   | 42   | 45  | 50  | 55   | 65   | 70   | 80   |
|                        | HP                                                                 | kW   |                        | lt/1'                 | 500 | 573  | 600  | 700  | 750 | 832 | 916  | 1083 | 1166 | 1333 |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                        |                       |     |      |      |      |     |     |      |      |      |      |
| MVSt 65-1              | 7,5                                                                | 5,5  | 10,7                   | H<br>(m)              | 27  | 25,5 | 24,5 | 23,5 | 23  | 22  | 21,5 | 19,5 | 18,5 | 15   |
| MVSt 65-2              | 15                                                                 | 11   | 19,4                   |                       | 53  | 51   | 50   | 48   | 47  | 46  | 45   | 41   | 39   | 30   |
| MVSt 65-3              | 25                                                                 | 18,5 | 27,5                   |                       | 80  | 77   | 75   | 73   | 72  | 70  | 67   | 62   | 58   | 46   |
| MVSt 65-4              | 30                                                                 | 22   | 37                     |                       | 107 | 103  | 101  | 98   | 96  | 93  | 90   | 83   | 79   | 61   |
| MVSt 65-5              | 40                                                                 | 30   | 48,5                   |                       | 136 | 133  | 131  | 127  | 125 | 121 | 117  | 107  | 103  | 78   |



| TIPO<br>TYPE           | DIMENSIONI mm - DIMENSIONS mm |     |      |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|------------------------|-------------------------------|-----|------|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
|                        | A                             | H   | B1   | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   |                |
| Trifase<br>Three-phase |                               |     |      |     |         |     |     |                   |                                |      |     | Kg             |
| MVSt 65-1              | 365                           | 140 | 561  | 430 | 991     | 260 | 208 | DN 100 4"         | 417                            | 1215 | 445 | 128,7          |
| MVSt 65-2              | 365                           | 140 | 754  | 490 | 1244    | 330 | 255 | DN 100 4"         | 515                            | 1515 | 493 | 182            |
| MVSt 65-3              | 365                           | 140 | 836  | 550 | 1386    | 330 | 255 | DN 100 4"         | 515                            | 1515 | 493 | 248            |
| MVSt 65-4              | 365                           | 140 | 919  | 590 | 1509    | 360 | 285 | DN 100 4"         | 515                            | 1515 | 493 | 285            |
| MVSt 65-5              | 365                           | 140 | 1001 | 660 | 1661    | 400 | 310 | DN 100 4"         | 515                            | 1715 | 490 | 345            |

ELETTROPOMPE VERTICALI MULTISTADIO ACCIAIO INOX - VERTICAL MULTISTAGE STAINLESS STEEL PUMPS

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40° C

MOTORE

- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2900 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- Corpo aspirazione Acciaio Inox AISI 304
- Corpo mandata Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Camicia pompa Acciaio Inox AISI 304
- Coperchio superiore Acciaio Inox AISI 304
- Coperchio inferiore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenute meccaniche Silicio/Silicio/Viton

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 110°C (for other uses)
- Ambient temperature max to 40°C

MOTOR

- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole electric standard motor (n = 2900 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

- Suction casing Stainless Steel AISI 304
- Delivery casing Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- External jacket Stainless Steel AISI 304
- Upper cover Stainless Steel AISI 304
- Lower cover Stainless Steel AISI 304
- Pump shaft Stainless Steel AISI 304
- Mechanical seal Silicon/Silicon/Viton

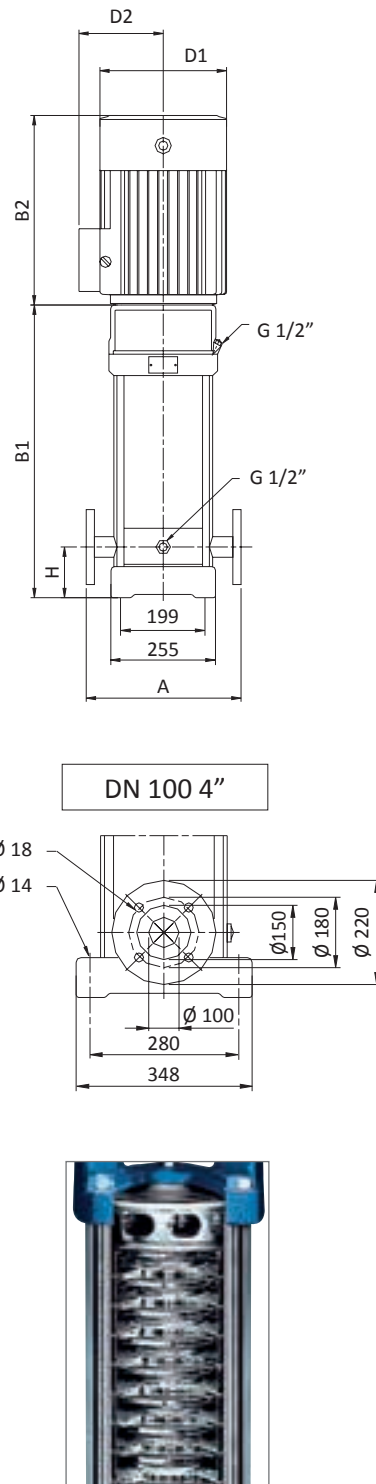
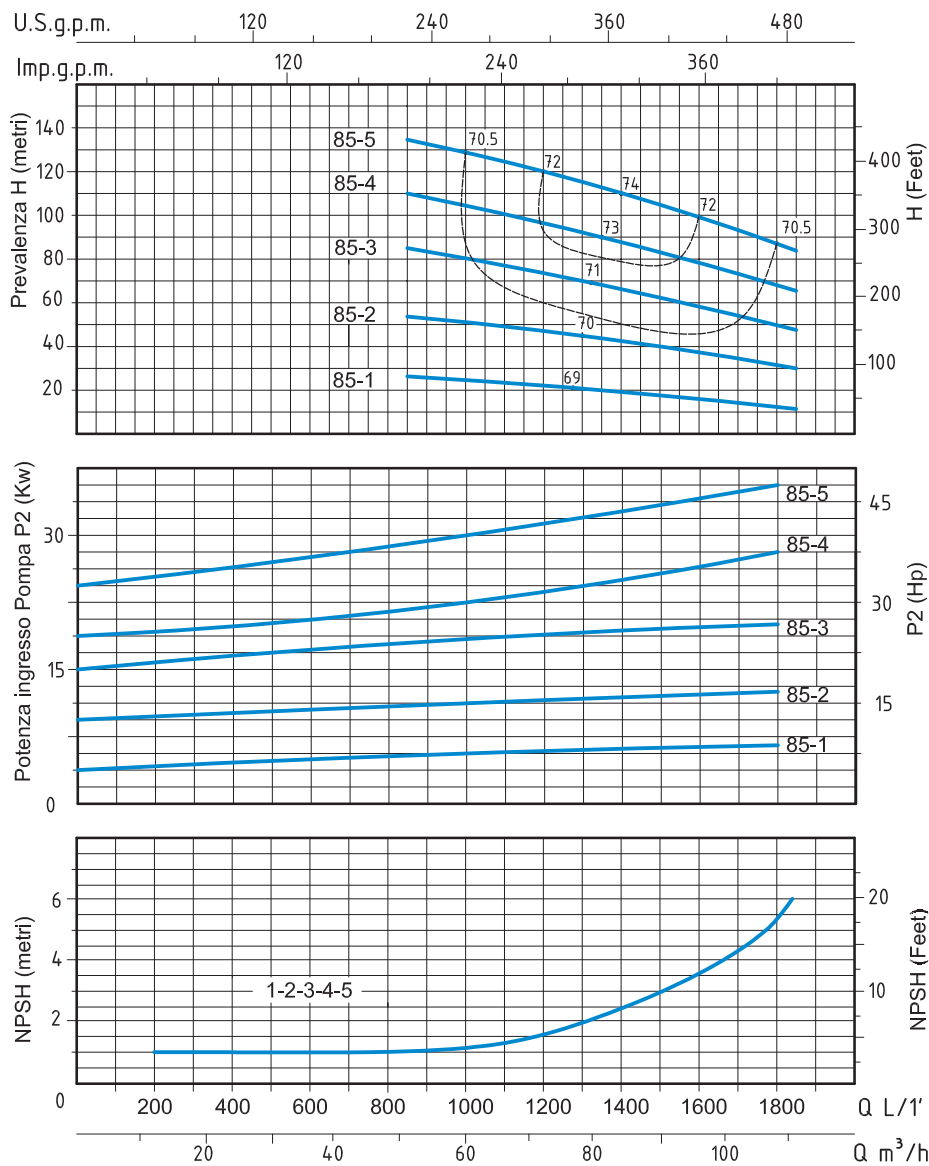
APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.



MVS 85 - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | AMPERE                 | Q = PORTATA - CAPACITY                                              |     |      |      |      |      |      |      |      |
|------------------------|-----------------------------------------|-----|------------------------|---------------------------------------------------------------------|-----|------|------|------|------|------|------|------|
| Trifase<br>Three-phase | P2                                      |     | Trifase<br>Three-phase | m³/h                                                                | 50  | 60   | 70   | 80   | 85   | 90   | 100  | 110  |
|                        | HP                                      | kW  |                        | lt/1'                                                               | 833 | 1000 | 1166 | 1333 | 1416 | 1500 | 1666 | 1833 |
|                        |                                         |     |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |      |      |      |      |      |      |      |
| MVSt 85-1              | 10                                      | 7,5 | 14,5                   | H<br>(m)                                                            | 25  | 24   | 22   | 21   | 20   | 19   | 16   | 12   |
| MVSt 85-2              | 20                                      | 15  | 27                     |                                                                     | 53  | 50   | 47   | 44   | 41   | 40   | 36   | 30   |
| MVSt 85-3              | 30                                      | 22  | 37                     |                                                                     | 81  | 77   | 72   | 67   | 64   | 62   | 55   | 48   |
| MVSt 85-4              | 40                                      | 30  | 51                     |                                                                     | 110 | 105  | 100  | 92   | 86   | 84   | 76   | 66   |
| MVSt 85-5              | 50                                      | 37  | 65                     |                                                                     | 139 | 131  | 124  | 115  | 110  | 106  | 94   | 83   |

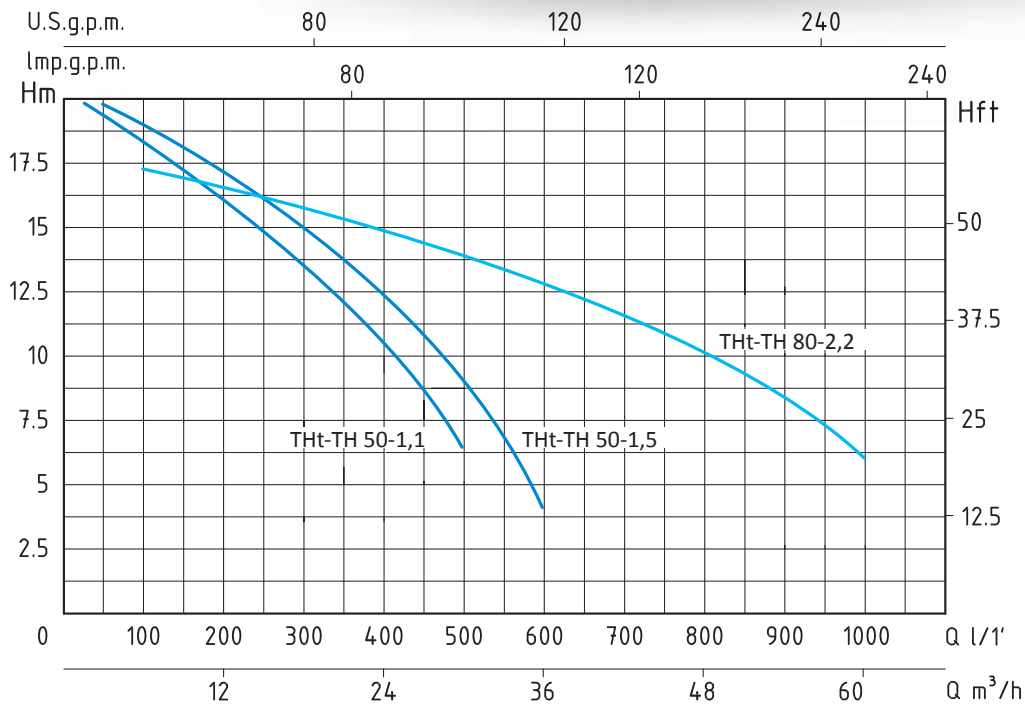


| TIPO<br>TYPE           | DIMENSIONI mm - DIMENSIONS mm |     |      |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|------------------------|-------------------------------|-----|------|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
| Trifase<br>Three-phase | A                             | H   | B1   | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   | Kg             |
| MVSt 85-1              | 380                           | 140 | 571  | 390 | 961     | 260 | 208 | DN 100 4"         | 417                            | 1215 | 445 | 110            |
| MVSt 85-2              | 380                           | 140 | 773  | 500 | 1273    | 330 | 255 | DN 100 4"         | 515                            | 1515 | 493 | 192            |
| MVSt 85-3              | 380                           | 140 | 865  | 575 | 1440    | 360 | 285 | DN 100 4"         | 515                            | 1515 | 493 | 252            |
| MVSt 85-4              | 380                           | 140 | 957  | 650 | 1607    | 400 | 310 | DN 100 4"         | 515                            | 1715 | 490 | 312            |
| MVSt 85-5              | 380                           | 140 | 1049 | 650 | 1699    | 400 | 310 | DN 100 4"         | 515                            | 1715 | 490 | 336            |



ELETTROPOMPE  
AUTOADESCANTI  
MONOBLOCCO

SELFPRIMING  
MONOBLOCK  
PUMPS



TH - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |     |      |      |     |     |     |     |     |     |      |  |
|--------------------------|------------------------|---------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|------------------------|-----|------|------|-----|-----|-----|-----|-----|-----|------|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 1,5 | 3    | 6    | 12  | 18  | 24  | 30  | 36  | 48  | 60   |  |
|                          |                        | HP                                                                  | kW   | kW                                     |                          |                        | lt/1'                  | 25  | 50   | 100  | 200 | 300 | 400 | 500 | 600 | 800 | 1000 |  |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                          |                        |                        |     |      |      |     |     |     |     |     |     |      |  |
|                          |                        | H<br>(m)                                                            | 19   | 18,5                                   |                          |                        | 18                     | 16  | 13,5 | 10,5 | 6,5 |     |     |     |     |     |      |  |
|                          | 19                     |                                                                     | 18,5 | 17                                     | 15                       | 12                     | 9                      | 4   |      |      |     |     |     |     |     |     |      |  |
|                          |                        |                                                                     | 17   | 16                                     | 15                       | 14                     | 13,5                   | 13  | 11   | 6    |     |     |     |     |     |     |      |  |
| TH 50-1,1                | THt 50-1,1             | 1,5                                                                 | 1,1  | 1,8                                    | 8,2                      | 3,7                    |                        |     |      |      |     |     |     |     |     |     |      |  |
| TH 50-1,5                | THt 50-1,5             | 2                                                                   | 1,5  | 2,1                                    | 9,5                      | 4,5                    |                        |     |      |      |     |     |     |     |     |     |      |  |
| TH 80-2,2                | THt 80-2,2             | 3                                                                   | 2,2  | 3,3                                    | 15                       | 5,7                    |                        |     |      |      |     |     |     |     |     |     |      |  |

**APPLICAZIONI**

Elettropompe autoadescanti monoblocco con girante aperta. La valvola di ritegno incorporata nella bocca aspirante impedisce all'arresto l'effetto sifone e assicura il riadescamento automatico, ad ogni avviamento la pompa si riadesca anche se riempita solo parzialmente di liquido e con il tubo aspirante completamente vuoto. Impiegate nei drenaggi di acque pulite o leggermente sporche, nell'irrigazione a scorrimento e in interventi di svuotamento.

**LIMITI D'IMPIEGO**

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

**MOTORE**

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

**MATERIALI**

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ghisa                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

**APPLICATION**

Selfpriming monoblock water pumps with open impeller. The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump selfprimes even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.

**OPERATING CONDITIONS**

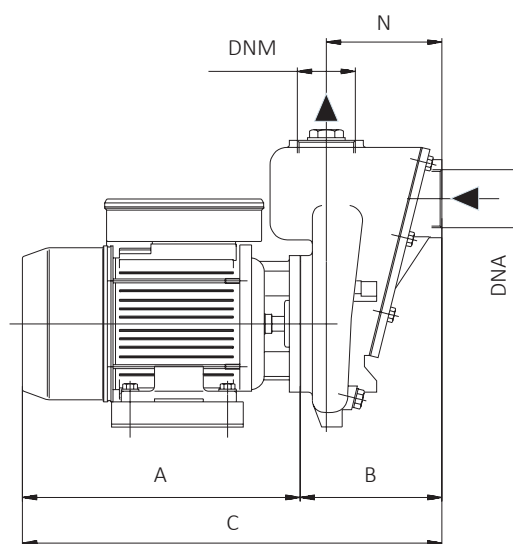
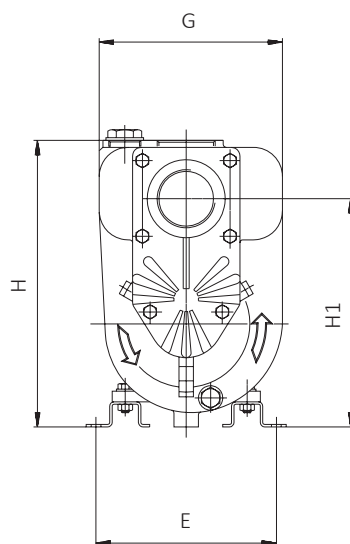
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

**MOTOR**

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

**MATERIALS**

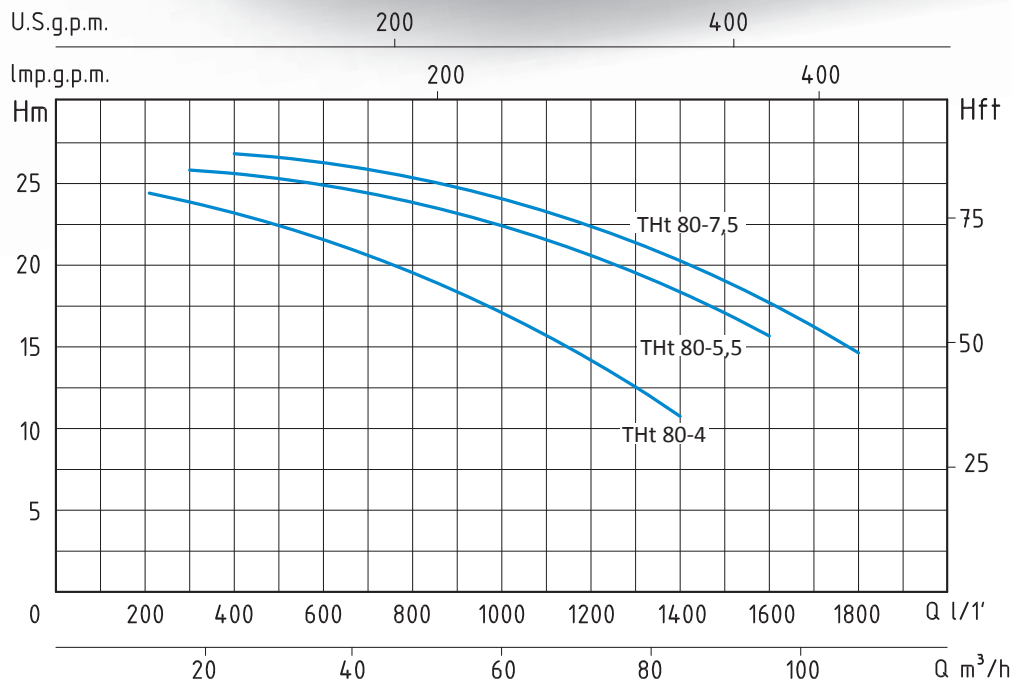
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with motor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | E   | G   | H   | H1  | N   | DNA | DNM | P                              | L   | H   | Kg             |
| TH 50-1,1                | THt 50-1,1             | 260                          | 152 | 412 | 185 | 193 | 302 | 240 | 122 | 2"  | 2"  | 229                            | 416 | 246 | 25,6           |
| TH 50-1,5                | THt 50-1,5             | 260                          | 152 | 412 | 185 | 193 | 302 | 240 | 122 | 2"  | 2"  | 229                            | 416 | 346 | 26,6           |
| TH 80-2,2                | THt 80-2,2             | 335                          | 193 | 598 | 200 | 193 | 312 | 220 | 150 | 3"  | 3"  | 290                            | 570 | 420 | 34,4           |

ELETTROPOMPE  
AUTOADESCANTI  
MONOBLOCCO

SELFPRIMING  
MONOBLOCK  
PUMPS



TH - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA - CAPACITY |     |      |     |     |     |      |      |      |      |      |  |
|------------------------|---------------------------------------------------------------------|-----|----------------------------------------|------------------------|------------------------|-----|------|-----|-----|-----|------|------|------|------|------|--|
| Trifase<br>Three-phase | P2                                                                  |     | P1                                     | Trifase<br>Three-phase | m³/h                   | 12  | 18   | 24  | 36  | 48  | 60   | 72   | 84   | 96   | 108  |  |
|                        | HP                                                                  | kW  | kW                                     |                        | lt/1'                  | 200 | 300  | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 |  |
|                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                        |                        |                        |     |      |     |     |     |      |      |      |      |      |  |
| THt 80-4               | 5,5                                                                 | 4   | 5,7                                    | 8,8                    | H<br>(m)               | 24  | 23   | 22  | 21  | 19  | 17   | 14   | 11   |      |      |  |
| THt 80-5,5             | 7,5                                                                 | 5,5 | 8,5                                    | 14                     |                        |     | 26,5 | 26  | 25  | 24  | 22,5 | 21   | 19   | 16,5 |      |  |
| THt 80-7,5             | 10                                                                  | 7,5 | 9,5                                    | 15                     |                        |     |      | 27  | 26  | 25  | 23,5 | 22   | 20   | 17,5 | 14,5 |  |

APPLICAZIONI

Elettropompe autoadescanti monoblocco con girante aperta.  
La valvola di ritegno incorporata nella bocca aspirante impedisce all'arresto l'effetto sifone e assicura il riadescamento automatico, ad ogni avviamento la pompa si riadesca anche se riempita solo parzialmente di liquido e con il tubo aspirante completamente vuoto. Impiegate nei drenaggi di acque pulite o leggermente sporche, nell'irrigazione a scorrimento e in interventi di svuotamento.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

MOTORE

- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ghisa                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

APPLICATION

Selfpriming monoblock water pumps with open impeller.  
The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump selfprimes even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.

OPERATING CONDITIONS

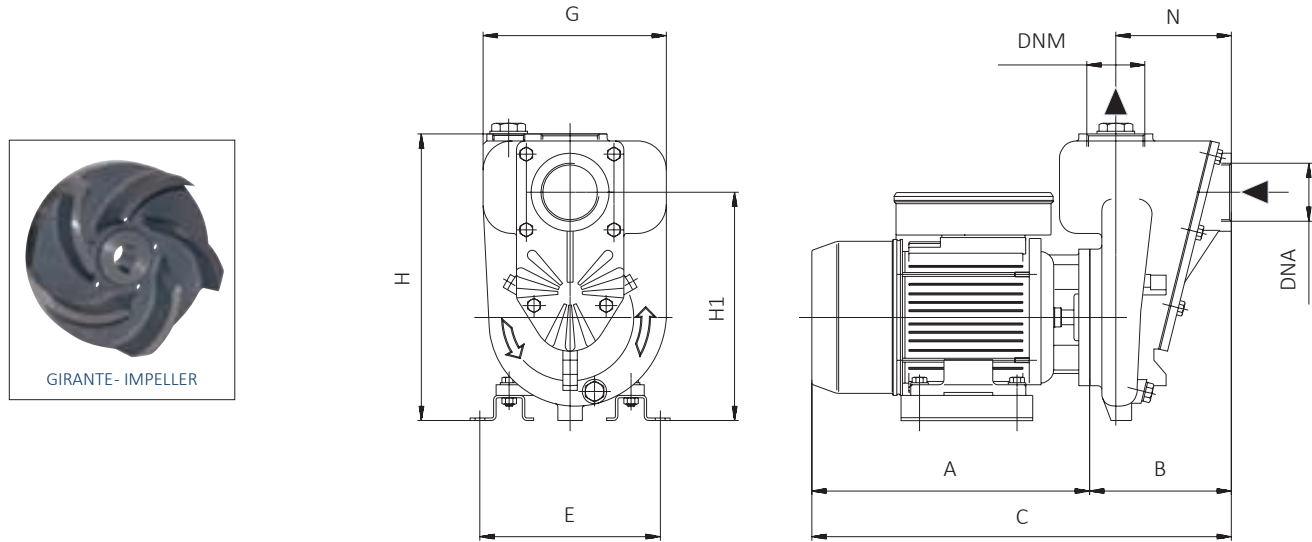
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 55

MATERIALS

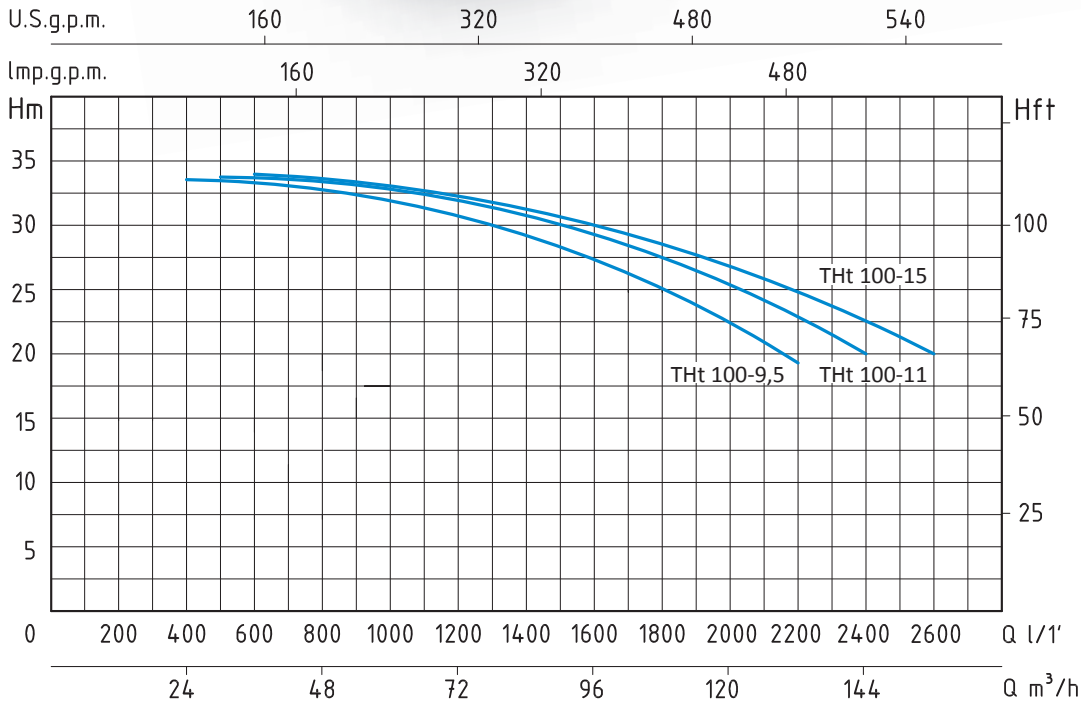
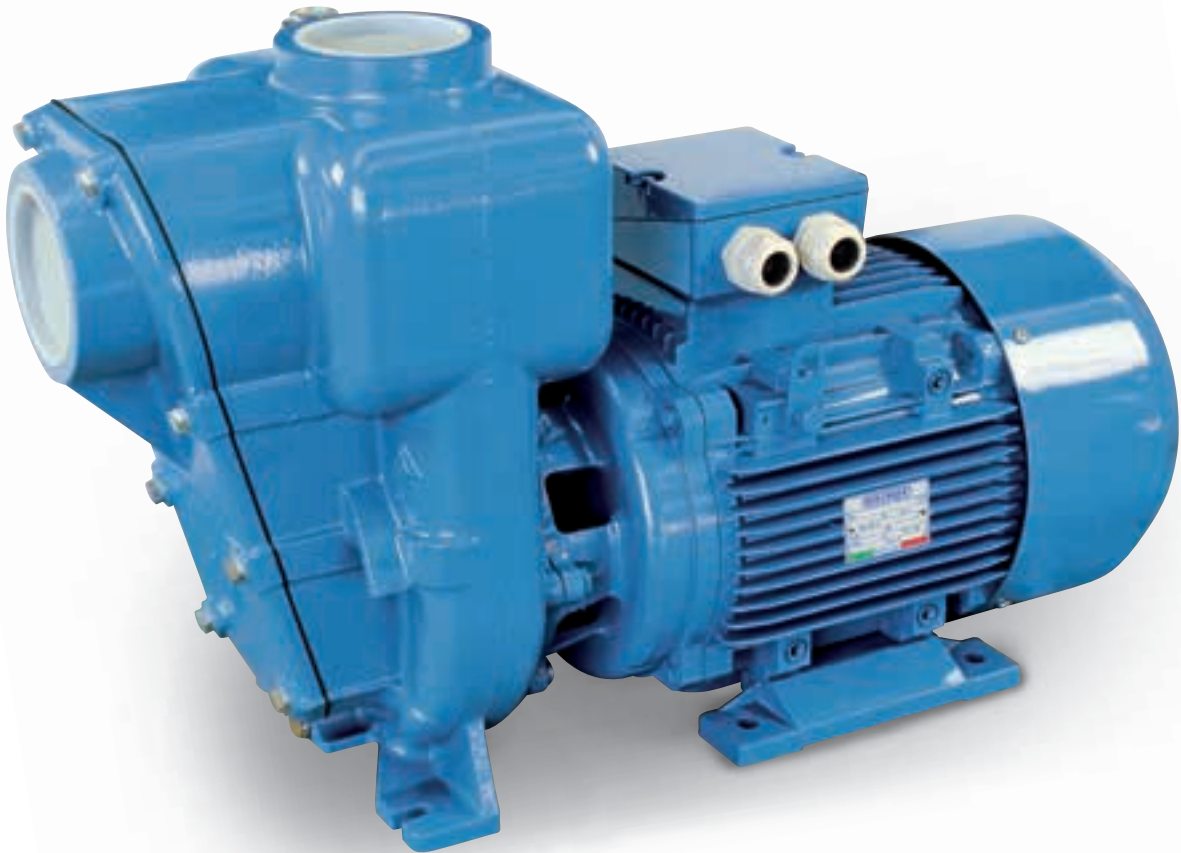
- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with motor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |     |       |     |     |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |  | PESO<br>WEIGHT |
|------------------------|------------------------------|-----|-------|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-----|---------------------------------------------------------------------------------------|----------------|
| Trifase<br>Three-phase | A                            | B   | C     | E   | G   | H   | H1  | N   | DNA | DNM | P                              | L   | H                                                                                     | Kg             |
| THt 80-4               | 376,5                        | 252 | 628,5 | 179 | 277 | 443 | 350 | 198 | 3"  | 3"  | 372                            | 805 | 550                                                                                   | 76,5           |
| THt 80-5,5             | 424                          | 252 | 676   | 216 | 277 | 443 | 350 | 198 | 3"  | 3"  | 372                            | 805 | 550                                                                                   | 90,5           |
| THt 80-7,5             | 424                          | 252 | 676   | 216 | 277 | 443 | 350 | 190 | 3"  | 3"  | 372                            | 805 | 550                                                                                   | 94             |

ELETTROPOMPE  
AUTOADESCANTI  
MONOBLOCCO

SELFPRIMING  
MONOBLOCK  
PUMPS



| TH - 50 HZ - 3 PHASE   |                                                                    |      |                                                |                        |                       |      |          |      |      |      |      |      |      |      |      |
|------------------------|--------------------------------------------------------------------|------|------------------------------------------------|------------------------|-----------------------|------|----------|------|------|------|------|------|------|------|------|
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br><i>NOMINAL<br/>POWER</i>                    |      | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                 | Q = PORTATA- CAPACITY |      |          |      |      |      |      |      |      |      |      |
| Trifase<br>Three-phase | P2                                                                 |      | P1                                             | Trifase<br>Three-phase | m³/h                  | 24   | 30       | 36   | 60   | 78   | 96   | 120  | 132  | 144  | 156  |
|                        | HP                                                                 | kW   | kW                                             |                        | lt/1'                 | 400  | 500      | 600  | 1000 | 1300 | 1600 | 2000 | 2200 | 2400 | 2600 |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                                |                        |                       |      |          |      |      |      |      |      |      |      |      |
|                        | THt 100-9,5                                                        | 12,5 | 9,2                                            |                        | 14                    | 22,5 | H<br>(m) | 33,5 | 33   | 32,5 | 31,5 | 30   | 27   | 22   | 19   |
| THt 100-11             | 15                                                                 | 11   | 16                                             | 26                     |                       | 33,5 |          | 33   | 32   | 31   | 29   | 25   | 22,5 | 20   |      |
| THt 100-15             | 20                                                                 | 15   | 18                                             | 29                     |                       |      |          | 34   | 33   | 32   | 30   | 27   | 25   | 22,5 | 20   |



**APPLICAZIONI**

Elettropompe autoadescanti monoblocco con girante aperta. La valvola di ritegno incorporata nella bocca aspirante impedisce all'arresto l'effetto sifone e assicura il riadescamento automatico, ad ogni avviamento la pompa si riadesca anche se riempita solo parzialmente di liquido e con il tubo aspirante completamente vuoto. Impiegate nei drenaggi di acque pulite o leggermente sporche, nell'irrigazione a scorrimento e in interventi di svuotamento.

**LIMITI D'IMPIEGO**

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

**MOTORE**

- Trifase 400/690V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

**MATERIALI**

- |                     |                       |
|---------------------|-----------------------|
| - Corpo pompa       | Ghisa                 |
| - Supporto motore   | Ghisa                 |
| - Girante           | Ghisa                 |
| - Albero motore     | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Ceramica/Grafite/NBR  |

**APPLICATION**

Selfpriming monoblock water pumps with open impeller. The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump selfprimes even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.

**OPERATING CONDITIONS**

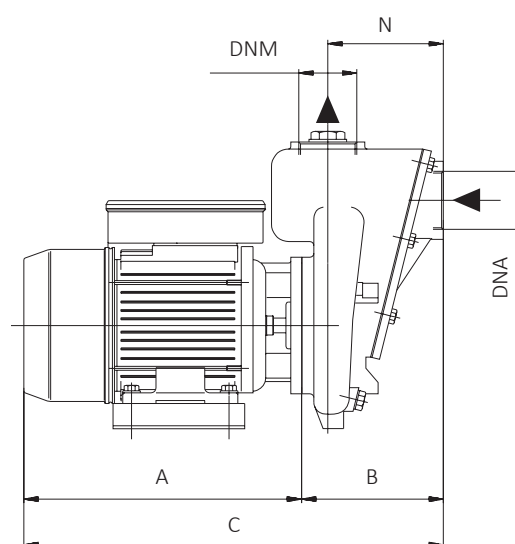
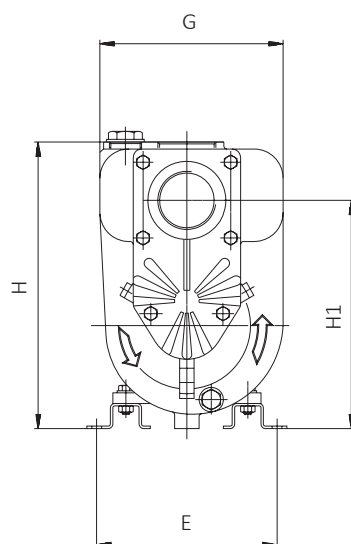
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

**MOTOR**

- Three-phase 400/690V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

**MATERIALS**

- |                    |                          |
|--------------------|--------------------------|
| - Pump body        | Cast Iron                |
| - Motor Support    | Cast Iron                |
| - Impeller         | Cast Iron                |
| - Shaft with motor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE           | DIMENSIONI mm - DIMENSIONS mm |       |       |     |     |     |     |     |     |     | DIMENSIONI<br>DIMENSIONS<br>mm  |     |     | PESO<br>WEIGHT |
|------------------------|-------------------------------|-------|-------|-----|-----|-----|-----|-----|-----|-----|----------------------------------------------------------------------------------------------------------------------|-----|-----|----------------|
| Trifase<br>Three-phase | A                             | B     | C     | E   | G   | H   | H1  | N   | DNA | DNM | P                                                                                                                    | L   | H   | Kg             |
| THt 100-9,5            | 552                           | 322,5 | 874,5 | 235 | 315 | 541 | 411 | 256 | 4"  | 4"  | 397                                                                                                                  | 935 | 635 | 161,5          |
| THt 100-11             | 552                           | 322,5 | 874,5 | 235 | 315 | 541 | 411 | 256 | 4"  | 4"  | 397                                                                                                                  | 935 | 635 | 162,5          |
| THt 100-15             | 552                           | 322,5 | 874,5 | 235 | 315 | 541 | 411 | 256 | 4"  | 4"  | 397                                                                                                                  | 935 | 635 | 172            |

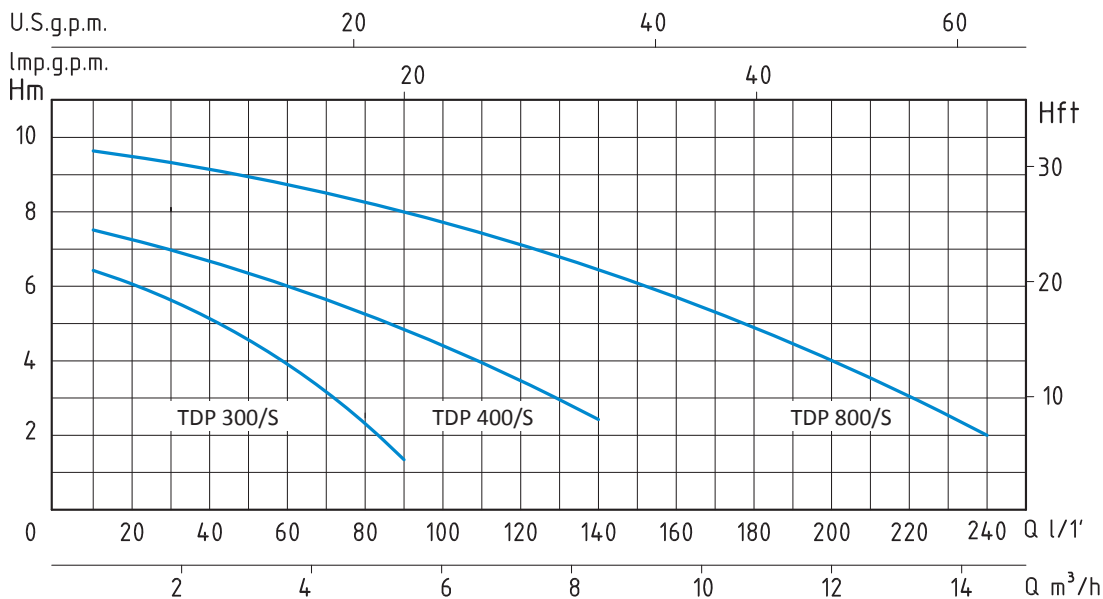


ELETTROPOMPE  
SOMMERSE PER DRENAGGIO  
  
SUBMERSIBLE  
DRAINAGE PUMPS

TDP 300/S



TDP 400-800/S

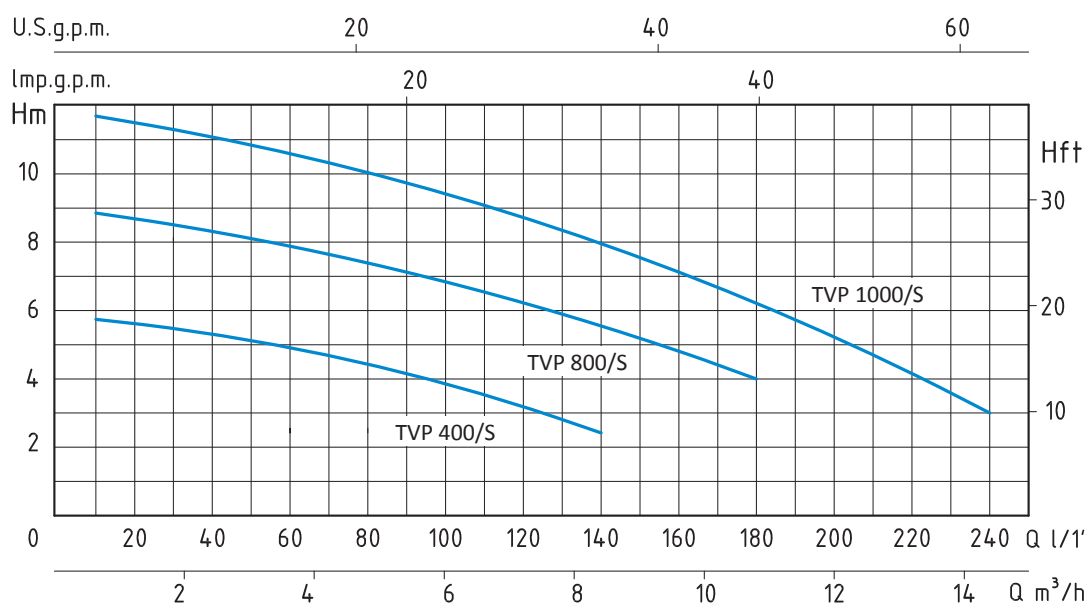


TDP - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Condensatore<br>Capacitor | Q = PORTATA - CAPACITY                                             |     |     |     |     |     |     |     |      |      |
|--------------------------|----------------------------------------|--------------------------|---------------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|
|                          |                                        |                          |                           | m³/h                                                               | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 5,4 | 8,4 | 10,8 | 14,4 |
| Monofase<br>Single-phase | P1                                     | Monofase<br>Single-phase | µf                        | lt/1'                                                              | 10  | 20  | 30  | 40  | 60  | 90  | 140 | 180  | 240  |
|                          | Watt                                   |                          |                           | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |      |      |
| TDP 300/S                | 300 W                                  | 1,6                      | 5                         | H (m)                                                              | 6,3 | 5,5 | 5,1 | 4,3 | 3,5 | 1,3 |     |      |      |
| TDP 400/S                | 400 W                                  | 2                        | 8                         |                                                                    | 7,5 | 6,8 | 6,5 | 6   | 5,5 | 4,5 | 2,3 |      |      |
| TDP 800/S                | 800 W                                  | 3,8                      | 20                        |                                                                    | 9,7 | 9,5 | 9,2 | 9   | 8,7 | 8   | 6,6 | 5    | 2    |



## ELETTROPOMPE SOMMERSE PER ACQUE CARICHE SUBMERSIBLE PUMPS FOR DIRTY WATER



### TVP - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>ASSORBITA<br><i>INPUT<br/>POWER</i>                     | AMPERE                   | Condensatore<br>Capacitor | Q = PORTATA- CAPACITY |      |      |      |      |     |     |     |      |      |
|--------------------------|--------------------------------------------------------------------|--------------------------|---------------------------|-----------------------|------|------|------|------|-----|-----|-----|------|------|
| Monofase<br>Single-phase | P1                                                                 | Monofase<br>Single-phase | μf                        | m³/h                  | 0,6  | 1,2  | 1,8  | 2,4  | 3,6 | 5,4 | 8,4 | 10,8 | 14,4 |
|                          | Watt                                                               |                          |                           | lt/1'                 | 10   | 20   | 30   | 40   | 60  | 90  | 140 | 180  | 240  |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                          |                           |                       |      |      |      |      |     |     |     |      |      |
| TVP 400/S                | 400 W                                                              | 2                        | 8                         | H<br>(m)              | 5,9  | 5,8  | 5,7  | 5,2  | 4,6 | 3,9 | 2,2 |      |      |
| TVP 800/S                | 800 W                                                              | 3,8                      | 20                        |                       | 8,9  | 8,5  | 8,2  | 8    | 7,8 | 7   | 5,6 | 4    |      |
| TVP 1000/S               | 1000 W                                                             | 4,8                      | 20                        |                       | 10,8 | 10,6 | 10,3 | 10,2 | 10  | 9   | 7,5 | 6    | 3    |

## APPLICAZIONI

Elettropompe sommerse con girante arretrata sono particolarmente adatte alla movimentazione di liquidi carichi, anche con sostanze solide in sospensione. Impiegate per svuotamento acque di infiltrazione, svuotamento di pozzi neri e scarico, sollevamento d'acqua per travaso o irrigazione, svuotamento di vasche e piscine di acque chiare e cariche, torbide e melmose.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d'immersione 5 mt.
- Passaggio solidi Ø 25 mm (TVP 400 S)
- Passaggio solidi Ø 30 mm
- Livello min. d'aspirazione 40 mm

## MOTORE

- Monofase 230V-50Hz
- Protezione amperometrica a riarmo automatico incorporata
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

## MATERIALI

- Maniglia
- Corpo pompa
- Girante
- Girante (TVP 1000 S)
- Cassa motore
- Albero motore
- Triplo anello di tenuta

Polipropilene  
Polipropilene  
Noryl  
Ottone  
Acciaio Inox AISI 304  
Acciaio Inox AISI 304

## APPLICATION

Submersible water pumps with back impeller suitable to lift waste liquids even with suspended solids. Able to drain infiltrating water, cesspools or reservoirs, decanting water and clean, dirty or muddy swimming pools.

## OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 25 mm (TVP 400 S)
- Grain size inlet Ø 30 mm
- Min. suction level 40 mm

## MOTOR

- Single-phase 230V-50Hz
- Built-in overload motor protector with automatic reset
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

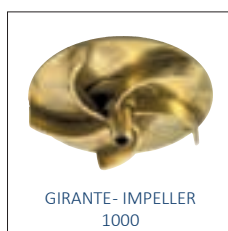
## MATERIALS

- Handle
- Pump body
- Impeller
- Impeller (TVP 1000 S)
- Motor casing
- Shaft with rotor
- Triplo oil seal

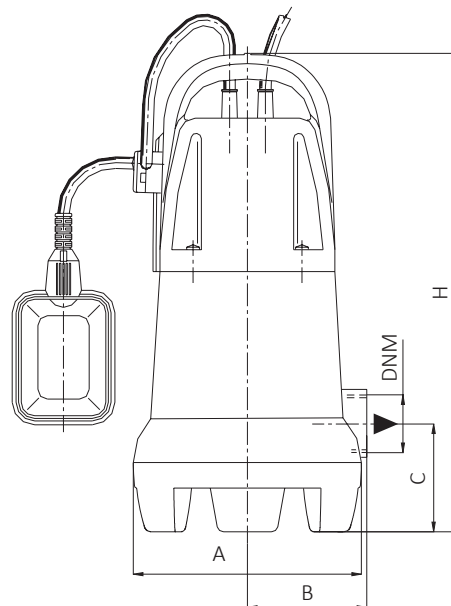
Moplen  
Moplen  
Noryl  
Brass  
Stainless Steel AISI 304  
Stainless Steel AISI 304



GIRANTE - IMPELLER  
400-800

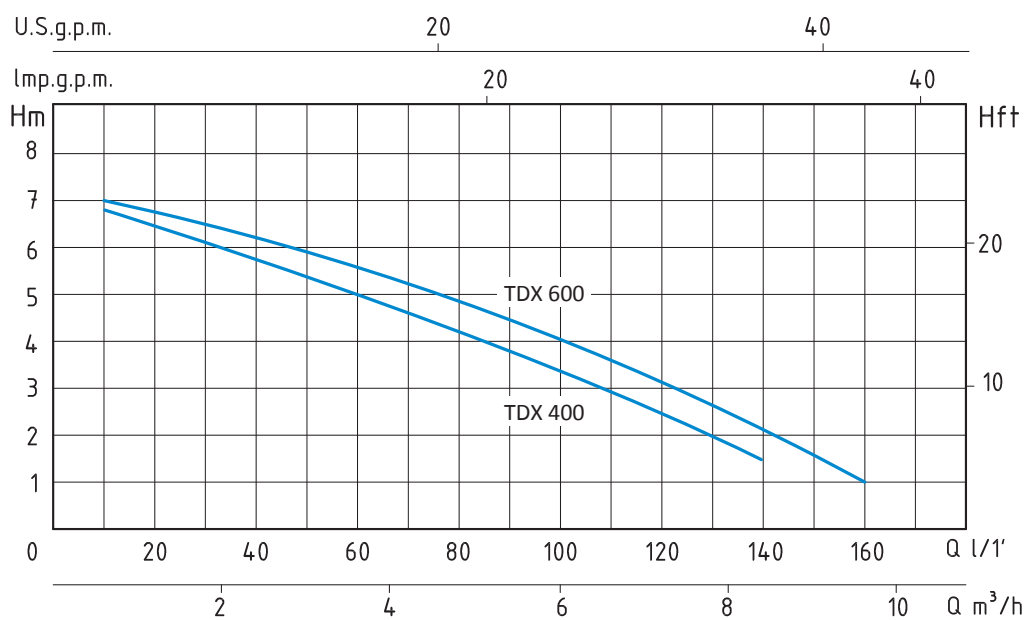


GIRANTE - IMPELLER  
1000



| TIPO<br>TYPE             | DIMENSIONI mm - DIMENSIONS mm |    |    |     |        |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|-------------------------------|----|----|-----|--------|---------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | A                             | B  | C  | H   | DNM    | CAVO<br>CABLE | P                              | L   | H   | Kg             |
| TVP 400/S                | 178                           | 94 | 85 | 325 | 1" 1/4 | 10 mt H07RNF  | 205                            | 232 | 355 | 6,1            |
| TVP 800/S                | 178                           | 94 | 85 | 375 | 1" 1/4 | 10 mt H07RNF  | 205                            | 232 | 396 | 8,3            |
| TVP 1000/S               | 178                           | 94 | 85 | 375 | 1" 1/4 | 10 mt H07RNF  | 205                            | 232 | 396 | 8,6            |

ELETTROPOMPE SOMMERSE INOX PER DRENAGGIO  
STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMPS



TDX - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Condensatore<br>Capacitor | Q = PORTATA - CAPACITY                                              |     |     |     |     |     |     |     |     |     |
|--------------------------|----------------------------------------|--------------------------|---------------------------|---------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |                                        |                          |                           | m³/h                                                                | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 5,4 | 7,2 | 8,4 | 9,6 |
| Monofase<br>Single-phase | P1                                     | Monofase<br>Single-phase | µf                        | lt/1'                                                               | 10  | 20  | 30  | 40  | 60  | 90  | 120 | 140 | 160 |
|                          | Watt                                   |                          |                           | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |
| TDX 400                  | 400 W                                  | 2                        | 8                         | H (m)                                                               | 6,8 | 6,5 | 6,2 | 5,8 | 5   | 3,4 | 2,2 | 1,5 |     |
| TDX 600                  | 550 W                                  | 3                        | 8                         |                                                                     | 7   | 6,8 | 6,7 | 6,5 | 5,5 | 4,5 | 3   | 2   | 1   |

APPLICAZIONI

Elettropompe sommersa in acciaio inox portatili a funzionamento automatico.  
Impiegate per il prosciugamento acqua di infiltrazione, svuotamento di locali allagati o vasche, drenaggio acque di scarico pulite o leggermente sporche, irrigazioni di orti e giardini.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d’immersione 5 mt.
- Passaggio solidi -TDX 400 Ø 8mm
- Passaggio solidi -TDX 600 Ø 10mm
- Livello min. d’aspirazione -TDX 400 15mm
- Livello min. d’aspirazione -TDX 600 20mm

MOTORE

- Monofase 230V-50Hz
- Protezione amperometrica a riarmo automatico incorporata
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Corpo pompa Acciaio Inox AISI 304
- Girante Noryl
- Cassa motore Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Doppio anello di tenuta

APPLICATION

Hand-carry submersible automatic water pumps in stainless steel.  
Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.

OPERATING CONDITIONS

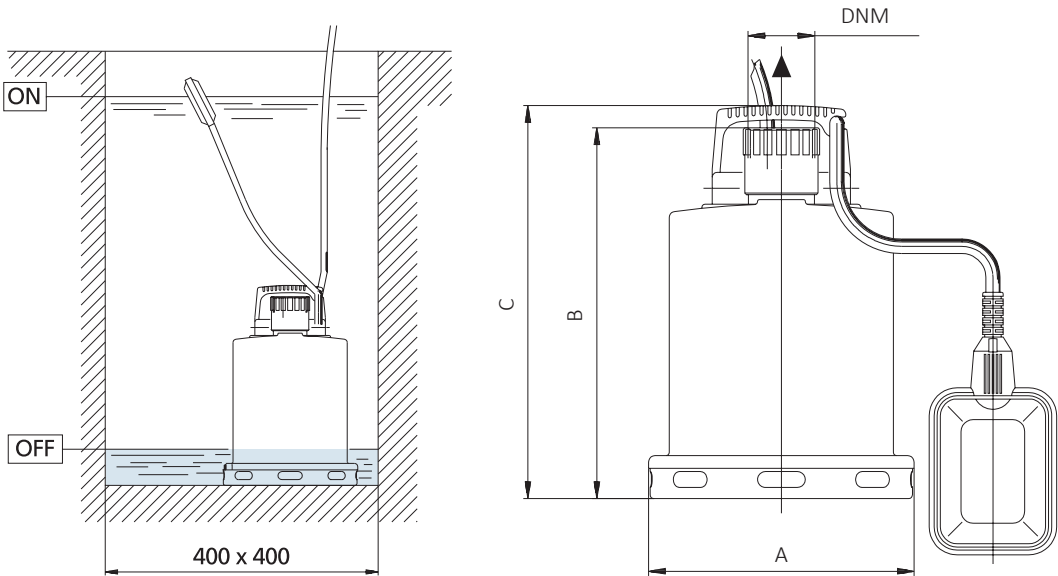
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet -TDX 400 Ø 8mm
- Grain size inlet -TDX 600 Ø 10mm
- Min. suction level -TDX 400 15mm
- Min. suction level -TDX 600 20mm

MOTOR

- Single-phase 230V-50Hz
- Built-in overload motor protector with automatic reset
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

MATERIALS

- Pump body Stainless Steel AISI 304
- Impeller Noryl
- Motor casing Stainless Steel AISI 304
- Shaft with rotor Stainless Steel AISI 304
- Double oil seal

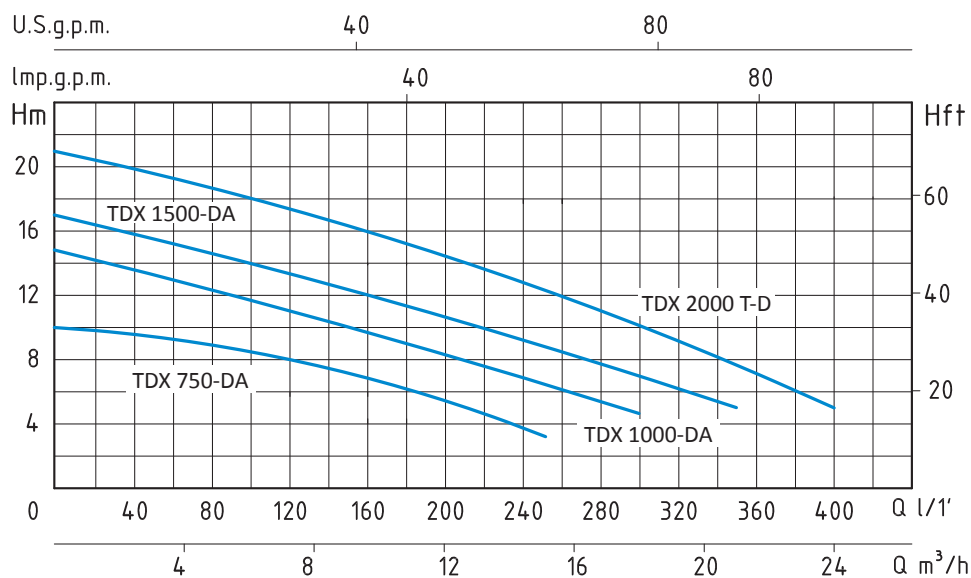


| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |      |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|-----|------|---------------|--------------------------------|-----|-----|----------------|
|                          | A                            | B   | C   | DNM  | CAVO<br>CABLE | P                              | L   | H   |                |
| Monofase<br>Single-phase |                              |     |     |      |               |                                |     |     | Kg             |
| TDX 400                  | 167                          | 220 | 247 | 1" ¼ | 10 mt H07RNF  | 223                            | 217 | 330 | 6,1            |
| TDX 600                  | 167                          | 220 | 247 | 1" ¼ | 10 mt H07RNF  | 223                            | 217 | 330 | 6,1            |



ELETTROPOMPE SOMMERSE INOX  
PER DRENAGGIO

STAINLESS STEEL SUBMERSIBLE  
DRAINAGE PUMPS



TDX-DA - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE                                                        |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY |    |      |      |      |      |      |      |      |     |     |  |
|---------------------------------------------------------------------|------------------------|-----------------------------------------|------|----------------------------------------|--------------------------|------------------------|------------------------|----|------|------|------|------|------|------|------|-----|-----|--|
| Monofase<br>Single-phase                                            | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                   | 0  | 3,6  | 5,4  | 7,2  | 9    | 12   | 15   | 18   | 21  | 24  |  |
|                                                                     |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                  | 0  | 60   | 90   | 120  | 150  | 200  | 250  | 300  | 350 | 400 |  |
| Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                        |                                         |      |                                        |                          |                        |                        |    |      |      |      |      |      |      |      |     |     |  |
| TDX 750-DA                                                          |                        | 0,75                                    | 0,55 | 0,8                                    | 3,5                      |                        | H<br>(m)               | 10 | 9    | 8,5  | 8    | 7    | 5,5  | 3,5  |      |     |     |  |
| TDX 1000-DA                                                         |                        | 1                                       | 0,75 | 1,25                                   | 5,5                      |                        |                        | 15 | 13,5 | 12,8 | 12   | 11   | 9,5  | 8    | 5,5  |     |     |  |
| TDX 1500-DA                                                         |                        | 1,5                                     | 1,1  | 1,5                                    | 6,5                      |                        |                        | 17 | 15,5 | 14,5 | 13,5 | 12,5 | 11   | 9    | 7    | 5   |     |  |
|                                                                     | TDX 2000 T-D           | 2                                       | 1,5  | 2                                      |                          | 3,5                    |                        | 21 | 19,5 | 18,5 | 17,5 | 16,5 | 14,5 | 12,5 | 10,5 | 7,5 | 4,5 |  |

APPLICAZIONI

Elettropompe sommersa in acciaio inox portatili a funzionamento automatico.  
Impiegate per il prosciugamento acqua di infiltrazione, svuotamento di locali allagati o vasche, drenaggio acque di scarico pulite o leggermente sporche, irrigazioni di orti e giardini.

LIMITI D’IMPIEGO

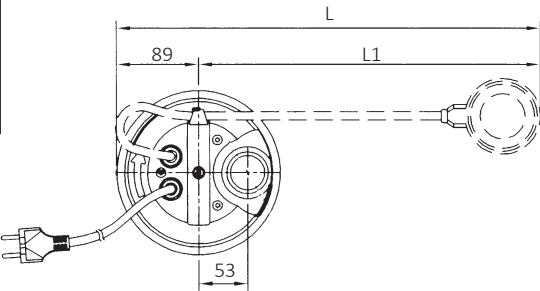
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d’immersione 5 mt.
- Passaggio solidi Ø 8 mm
- Livello min. d’aspirazione 40 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz automatico (con galleggiante)
- Trifase 230/400V-50Hz manuale
- Tenuta meccanica in bagno d’olio
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Maniglia Acciaio Inox AISI 304+Nylon
- Cassa motore Acciaio Inox AISI 304
- Corpo pompa Acciaio Inox AISI 304
- Girante Acciaio Inox AISI 304
- Griglia aspirazione Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenuta meccanica in camera d’olio Silicio/Silicio/NBR



APPLICATION

Hand-carry submersible automatic water pumps in stainless steel.  
Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.

OPERATING CONDITIONS

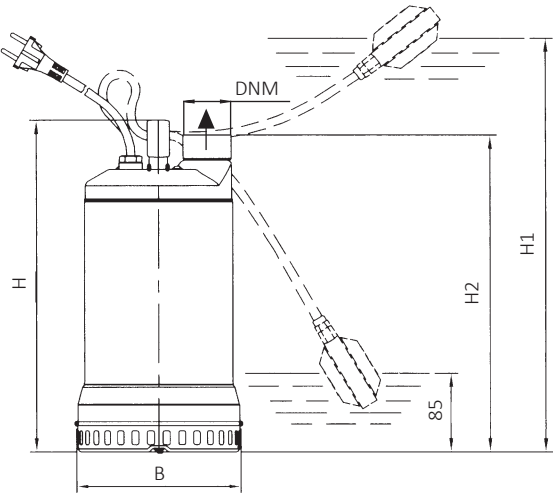
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 8 mm
- Min. suction level 40 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz automatic (with floater)
- Three-phase 230/400V-50Hz manual
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

MATERIALS

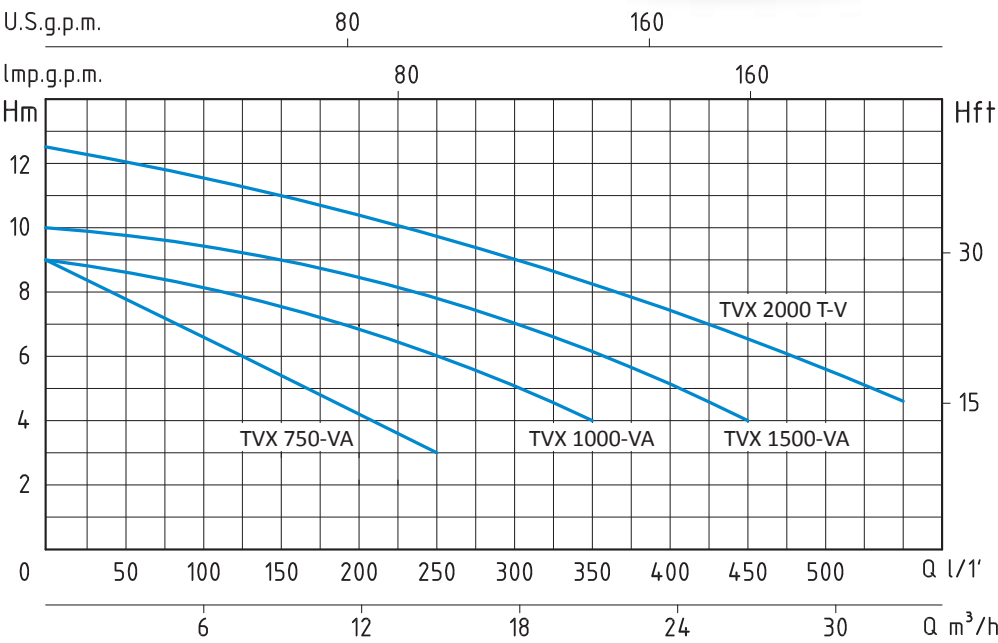
- Handle Stainless Steel AISI 304+Nylon
- Motor casing Stainless Steel AISI 304
- Pump body Stainless Steel AISI 304
- Impeller Stainless Steel AISI 304
- Suction grid Stainless Steel AISI 304
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal in oil chamber Silicon/Silicon/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |      |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|------|---------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | B                            | H   | H1  | H2  | L   | L1  | DNM  | CAVO<br>CABLE | P                              | L   | H   | Kg             |
| TDX 750-DA               |                        | 178                          | 357 | 437 | 341 | 459 | 370 | 1" ½ | 10 mt H07RNF  | 208                            | 264 | 454 | 12,1           |
| TDX 1000-DA              |                        | 178                          | 407 | 497 | 391 | 514 | 425 | 1" ½ | 10 mt H07RNF  | 208                            | 264 | 454 | 14,3           |
| TDX 1500-DA              |                        | 178                          | 407 | 497 | 391 | 514 | 425 | 1" ½ | 10 mt H07RNF  | 208                            | 264 | 454 | 15,6           |
|                          | TDX 2000 T-D           | 178                          | 407 | -   | 391 | -   | -   | 1" ½ | 10 mt H07RNF  | 208                            | 264 | 454 | 16,1           |

ELETTROPOMPE SOMMERSE INOX  
PER ACQUE CARICHE

STAINLESS STEEL SUBMERSIBLE  
PUMPS FOR DIRTY WATER



TVX-VA - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |      |      |     |      |     |     |     |     |     |  |
|--------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|-----|------|------|-----|------|-----|-----|-----|-----|-----|--|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0   | 3,6  | 5,4  | 7,2 | 9    | 12  | 15  | 21  | 27  | 33  |  |
|                          |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 0   | 60   | 90   | 120 | 150  | 200 | 250 | 350 | 450 | 550 |  |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |     |      |      |     |      |     |     |     |     |     |  |
|                          |                        | H<br>(m)                                                           | 9    | 8                                      |                          |                        | 7                     | 6   | 5    | 4    | 3   |      |     |     |     |     |     |  |
|                          |                        |                                                                    | 9    | 8,3                                    |                          |                        | 8                     | 7,8 | 7,5  | 7    | 6   | 4    |     |     |     |     |     |  |
| TVX 750-VA               |                        | 0,75                                                               | 0,55 | 0,9                                    | 4                        |                        | 10                    | 9,7 | 9,5  | 9,3  | 9   | 8,5  | 8   | 6   | 4   |     |     |  |
| TVX 1000-VA              |                        | 1                                                                  | 0,75 | 1,1                                    | 4,8                      |                        | 12,5                  | 12  | 11,7 | 11,3 | 11  | 10,5 | 9,8 | 8,3 | 6,5 | 5   |     |  |
| TVX 1500-VA              |                        | 1,5                                                                | 1,1  | 1,4                                    | 6,1                      |                        |                       |     |      |      |     |      |     |     |     |     |     |  |
|                          | TVX 2000 T-V           | 2                                                                  | 1,5  | 1,75                                   |                          | 3,2                    |                       |     |      |      |     |      |     |     |     |     |     |  |

APPLICAZIONI

Elettropompe sommersa inox per drenaggio con girante in acciaio inox adatte per svuotamento di fosse di decantazione e per pompaggio di acque luride ad uso domestico e civile.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d'immersione 5 mt.
- Passaggio solidi Ø 35 mm (TVX 750/VA)
- Passaggio solidi Ø 50 mm
- Livello min. d'aspirazione 120 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz automatico (con galleggiante)
- Trifase 230/400V-50Hz manuale
- Tenuta meccanica in bagno d'olio
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- |                                     |                             |
|-------------------------------------|-----------------------------|
| - Maniglia                          | Acciaio Inox AISI 304+Nylon |
| - Cassa motore                      | Acciaio Inox AISI 304       |
| - Corpo pompa                       | Acciaio Inox AISI 304       |
| - Girante                           | Acciaio Inox AISI 304       |
| - Flangia aspirazione               | Acciaio Inox AISI 304       |
| - Albero motore                     | Acciaio Inox AISI 304       |
| - Tenuta meccanica in camera d'olio | Silicio/Silicio/NBR         |

APPLICATION

Drainage submersible stainless steel water pumps with stainless steel impeller. Able to drain decanting cesspools and to pump waste water for domestic and civil purposes.

OPERATING CONDITIONS

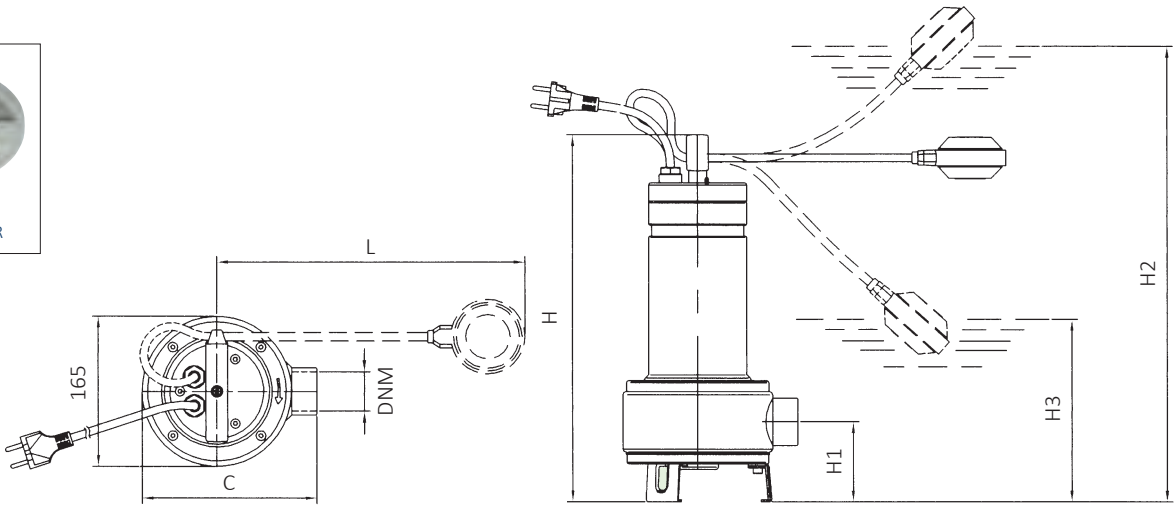
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 35 mm (TVX 750/VA)
- Grain size inlet Ø 50 mm
- Min. suction level 120 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz automatic (with floater)
- Three-phase 230/400V-50Hz manual
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

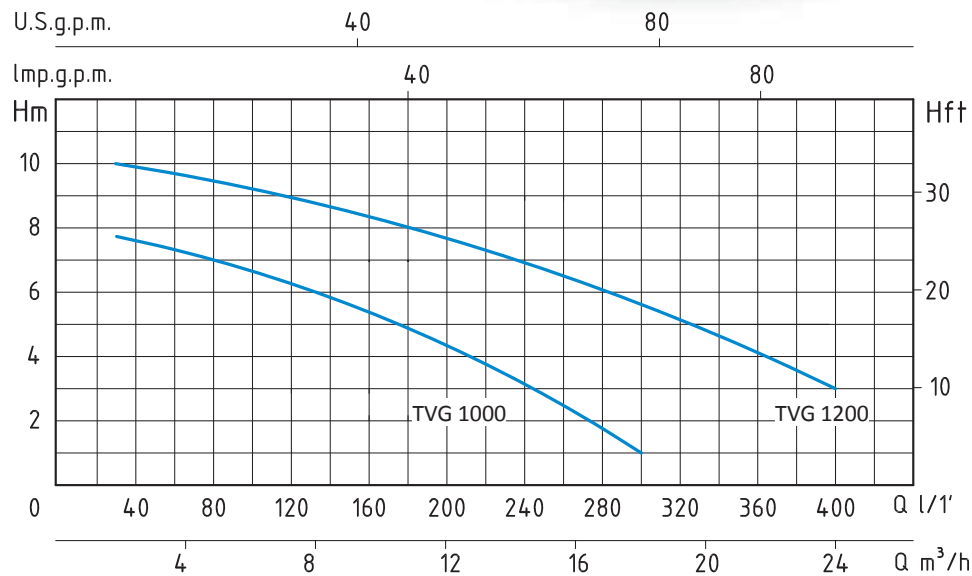
MATERIALS

- |                                  |                                |
|----------------------------------|--------------------------------|
| - Handle                         | Stainless Steel AISI 304+Nylon |
| - Motor casing                   | Stainless Steel AISI 304       |
| - Pump body                      | Stainless Steel AISI 304       |
| - Impeller                       | Stainless Steel AISI 304       |
| - Suction flange                 | Stainless Steel AISI 304       |
| - Shaft with rotor               | Stainless Steel AISI 304       |
| - Mechanical seal in oil chamber | Silicon/Silicon/NBR            |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |       |     |     |     |     |        |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-------|-----|-----|-----|-----|--------|---------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | H                            | H1    | H2  | H3  | L   | C   | DNM    | CAVO<br>CABLE | P                              | L   | H   | Kg             |
| TVX 750-VA               |                        | 403                          | 88    | 483 | 185 | 350 | 193 | 1" 1/2 | 10 mt H07RNF  | 205                            | 228 | 534 | 10,8           |
| TVX 1000-VA              |                        | 486                          | 111,5 | 566 | 268 | 350 | 198 | 2"     | 10 mt H07RNF  | 205                            | 228 | 534 | 12,9           |
| TVX 1500-VA              |                        | 486                          | 111,5 | 566 | 268 | 350 | 198 | 2"     | 10 mt H07RNF  | 205                            | 228 | 534 | 14,3           |
|                          | TVX 2000 T-V           | 486                          | 111,5 | -   | -   | -   | 198 | 2"     | 10 mt H07RNF  | 205                            | 228 | 534 | 14,6           |

ELETTROPOMPE SOMMERSE INOX  
PER ACQUE CARICHE  
STAINLESS STEEL SUBMERSIBLE PUMPS  
FOR DIRTY WATER



TVG - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>ASSORBITA<br>INPUT<br>POWER                              | AMPERE                   | Condensatore<br>Capacitor | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |     |  |
|--------------------------|---------------------------------------------------------------------|--------------------------|---------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Monofase<br>Single-phase | P1                                                                  | Monofase<br>Single-phase | µf                        | m³/h                  | 1,8 | 3,6 | 5,4 | 7,2 | 9   | 12  | 15  | 18  | 21  | 24  |  |
|                          | Watt                                                                |                          |                           | lt/1'                 | 30  | 60  | 90  | 120 | 150 | 200 | 250 | 300 | 350 | 400 |  |
|                          | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |                          |                           |                       |     |     |     |     |     |     |     |     |     |     |  |
| TVG 1000                 | 1100 W                                                              | 5                        | 16                        | H<br>(m)              | 7,8 | 7,5 | 7   | 6,2 | 5,8 | 4,2 | 3   | 1   |     |     |  |
| TVG 1200                 | 1400 W                                                              | 6,5                      | 20                        |                       | 10  | 9,5 | 9,2 | 8,5 | 8,2 | 7,8 | 6,5 | 5,8 | 4,2 | 3   |  |

APPLICAZIONI

Elettropompe sommersa inox per drenaggio con girante in acciaio inox adatte per svuotamento di fosse di decantazione e per pompaggio di acque luride ad uso domestico e civile. Possono essere usate anche per acqua leggermente acida.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d’immersione 5 mt.
- Passaggio solidi Ø 35 mm
- Livello min. d’aspirazione 65 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Doppia camera con motore in bagno d’olio per raffreddamento e lubrificazione cuscinetti
- Tenuta meccanica in bagno d’olio
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Maniglia Acciaio Inox AISI 304
- Cassa motore Acciaio Inox AISI 304
- Corpo pompa Ghisa
- Girante Acciaio Inox AISI 304
- Griglia aspirazione Acciaio Inox AISI 304
- Albero motore Acciaio Inox AISI 304
- Tenuta meccanica Ceramica/Grafite/NBR

APPLICATION

Drainage submersible stainless steel water pumps with stainless steel impeller. Able to drain decanting cesspools and to pump waste water for domestic and civil purposes. They can also be used for slightly acidic water.

OPERATING CONDITIONS

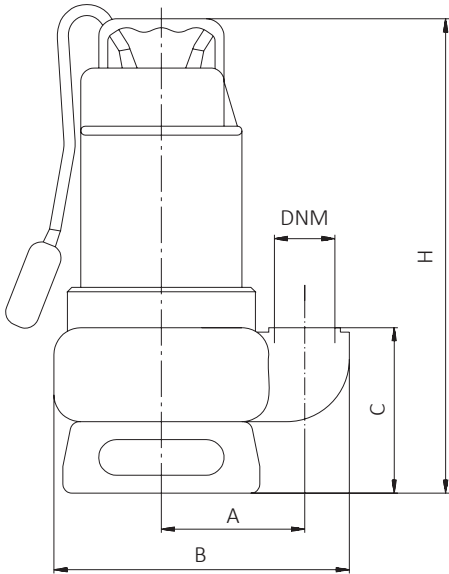
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 35 mm
- Min. suction level 65 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Dual chamber with oil bath motor for cooloiling and bearing lubrification
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

MATERIALS

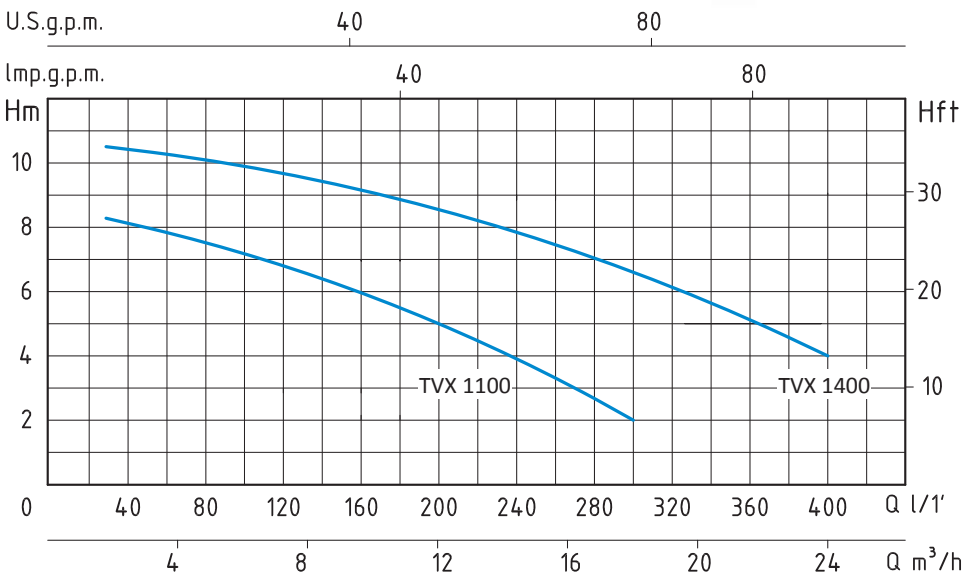
- Handle Stainless Steel AISI 304
- Motor casing Stainless Steel AISI 304
- Pump body Cast Iron
- Impeller Stainless Steel AISI 304
- Suction grid Stainless Steel AISI 304
- Shaft with rotor Stainless Steel AISI 304
- Mechanical seal Ceramic/Graphite/NBR



| TIPO<br>TYPE             | DIMENSIONI mm - DIMENSIONS mm |     |     |     |      |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|-------------------------------|-----|-----|-----|------|---------------|--------------------------------|-----|-----|----------------|
|                          | A                             | B   | C   | H   | DNM  | CAVO<br>CABLE | P                              | L   | H   |                |
| Monofase<br>Single-phase |                               |     |     |     |      |               |                                |     |     | Kg             |
| TVG 1000                 | 112                           | 232 | 131 | 368 | 1" ½ | 10 mt H07RNF  | 195                            | 232 | 415 | 13,1           |
| TVG 1200                 | 112                           | 232 | 131 | 368 | 2"   | 10 mt H07RNF  | 195                            | 232 | 415 | 14,4           |



ELETTROPOMPE SOMMERSE INOX  
PER ACQUE CARICHE  
STAINLESS STEEL SUBMERSIBLE PUMPS  
FOR DIRTY WATER



TVX - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>ASSORBITA<br>INPUT<br>POWER                             | AMPERE                   | Condensatore<br>Capacitor | Q = PORTATA- CAPACITY |      |      |     |     |     |     |     |     |     |     |  |
|--------------------------|--------------------------------------------------------------------|--------------------------|---------------------------|-----------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Monofase<br>Single-phase | P1                                                                 | Monofase<br>Single-phase | µf                        | m³/h                  | 1,8  | 3,6  | 5,4 | 7,2 | 9   | 12  | 15  | 18  | 21  | 24  |  |
|                          | Watt                                                               |                          |                           | lt/1'                 | 30   | 60   | 90  | 120 | 150 | 200 | 250 | 300 | 350 | 400 |  |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                          |                           |                       |      |      |     |     |     |     |     |     |     |     |  |
| TVX 1100                 | 1100 W                                                             | 5                        | 16                        | H<br>(m)              | 8,2  | 8    | 7,5 | 7   | 6,5 | 5   | 3,9 | 2   |     |     |  |
| TVX 1400                 | 1400 W                                                             | 6,5                      | 20                        |                       | 10,5 | 10,2 | 10  | 9,2 | 8,8 | 8,5 | 7,8 | 6,2 | 5   | 4   |  |

APPLICAZIONI

Elettropompe sommersa inox per drenaggio con girante in acciaio inox adatte per svuotamento di fosse di decantazione e per pompaggio di acque luride ad uso domestico e civile.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d’immersione 5 mt.
- Passaggio solidi Ø 35 mm
- Livello min. d’aspirazione 65 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Doppia camera con motore in bagno d’olio per raffreddamento e lubrificazione cuscinetti
- Tenuta meccanica in bagno d’olio
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- |                       |                       |
|-----------------------|-----------------------|
| - Maniglia            | Acciaio Inox AISI 304 |
| - Cassa motore        | Acciaio Inox AISI 304 |
| - Corpo pompa         | Acciaio Inox AISI 304 |
| - Girante             | Acciaio Inox AISI 304 |
| - Griglia aspirazione | Acciaio Inox AISI 304 |
| - Albero motore       | Acciaio Inox AISI 304 |
| - Tenuta meccanica    | Ceramica/Grafite/NBR  |

APPLICATION

Drainage submersible stainless steel water pumps with stainless steel impeller.  
Able to drain decanting cesspools and to pump waste water for domestic and civil purposes.

OPERATING CONDITIONS

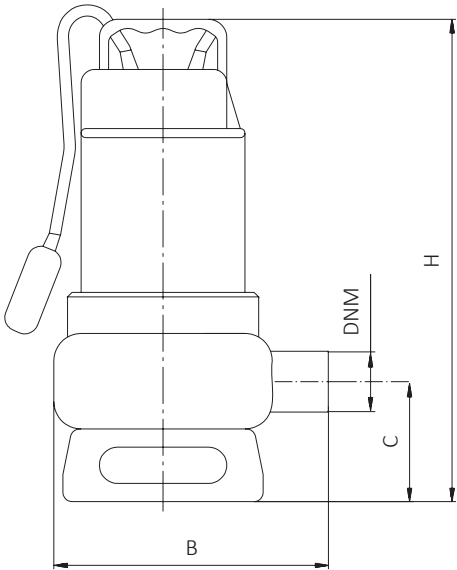
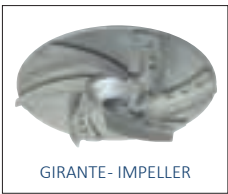
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 5 mt.
- Grain size inlet Ø 35 mm
- Min. suction level 65 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Dual chamber with oil bath motor for cooloiling and bearing lubrication
- Mechanical seal in oil bath
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

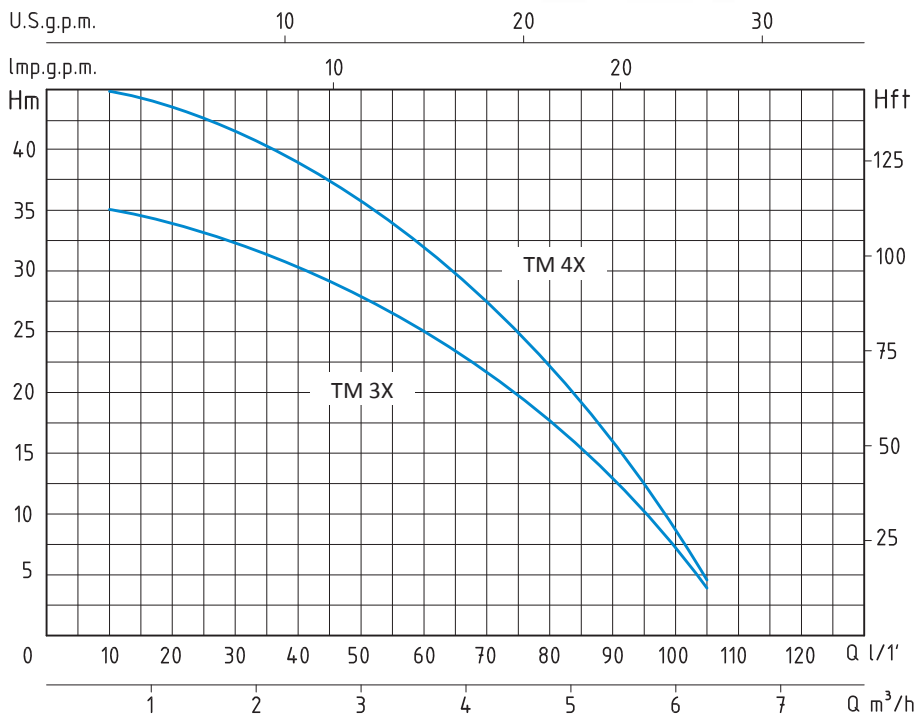
MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Handle           | Stainless Steel AISI 304 |
| - Motor casing     | Stainless Steel AISI 304 |
| - Pump body        | Stainless Steel AISI 304 |
| - Impeller         | Stainless Steel AISI 304 |
| - Suction grid     | Stainless Steel AISI 304 |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |    |     |      |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|----|-----|------|---------------|--------------------------------|-----|-----|----------------|
|                          | B                            | C  | H   | DNM  | CAVO<br>CABLE | P                              | L   | H   |                |
| Monofase<br>Single-phase |                              |    |     |      |               |                                |     |     | Kg             |
| TVX 1100                 | 213                          | 92 | 366 | 1" ½ | 10 mt H07RNF  | 195                            | 232 | 415 | 10,2           |
| TVX 1400                 | 213                          | 92 | 366 | 2"   | 10 mt H07RNF  | 195                            | 232 | 415 | 11,5           |

ELETTROPOMPA SOMMERSA MULTISTADIO  
MULTISTAGE SUBMERSIBLE PUMPS



TM-X - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA<br>ASSORBITA<br>INPUT<br>POWER                             | AMPERE                   | Condensatore<br>Capacitor | Q = PORTATA- CAPACITY |     |     |     |     |    |     |     |     |     |   |  |
|--------------------------|--------------------------------------------------------------------|--------------------------|---------------------------|-----------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|---|--|
| Monofase<br>Single-phase | P1                                                                 | Monofase<br>Single-phase | µf                        | m³/h                  | 0,6 | 1,2 | 1,8 | 2,4 | 3  | 3,6 | 4,2 | 4,8 | 5,4 | 6 |  |
|                          | lt/1'                                                              |                          |                           | 10                    | 20  | 30  | 40  | 50  | 60 | 70  | 80  | 90  | 100 |   |  |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                          |                           |                       |     |     |     |     |    |     |     |     |     |   |  |
| TM 3X                    | 900 W                                                              | 4,1                      | 20                        | H (m)                 | 35  | 34  | 33  | 31  | 28 | 25  | 22  | 18  | 13  | 7 |  |
| TM 4X                    | 1100 W                                                             | 5,2                      | 20                        |                       | 45  | 44  | 42  | 38  | 36 | 32  | 28  | 22  | 16  | 9 |  |

APPLICAZIONI

Elettropompa sommersa multistadio per il drenaggio di acque limpide. È particolarmente adatta per i sistemi di irrigazione, per la fornitura di acqua potabile , per il lavaggio e per tutti quei casi in cui è necessario un aumento di pressione.

LIMITI D’IMPIEGO

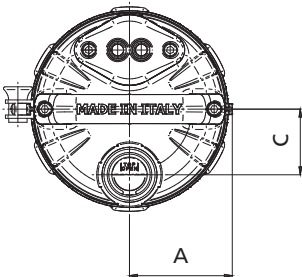
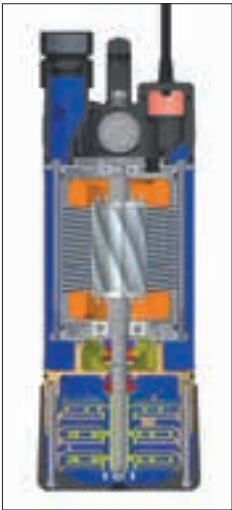
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d’immersione 10 mt.
- Passaggio solidi Ø 3 mm
- Livello min. d’aspirazione 60 mm

MOTORE

- Monofase 230V-50Hz
- Condensatore permanente inserito
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Maniglia Polipropilene
- Corpo motore Acciaio Inox AISI 304
- Supporto motore Acciaio Inox AISI 304
- Corpo pompa Acciaio Inox AISI 304
- Giranti Noryl
- Griglia aspirazione Polipropilene
- Albero motore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d’olio Ceramica/Grafite/NBR
- Ceramica/Grafite/NBR



APPLICATION

Multistage submersible electric pump for clean water drainage. It is particularly suitable in irrigation systems, drinkable water supplying, washing and generally speaking where a pressure increase is requested.

OPERATING CONDITIONS

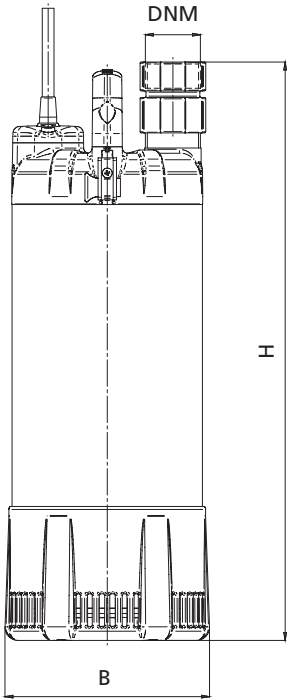
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 10 mt.
- Grain size inlet Ø 3 mm
- Min. suction level 60 mm

MOTOR

- Single-phase 230V-50Hz
- Permanent split capacitor
- Insulation Class F
- Protection IP 68

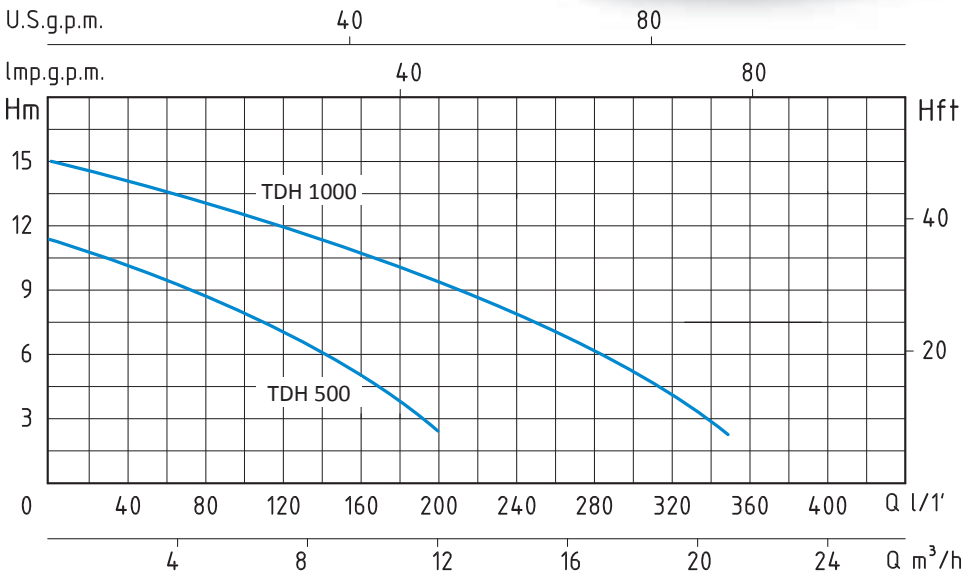
MATERIALS

- Handle Moplen
- Motor body Stainless Steel AISI 304
- Motor support Stainless Steel AISI 304
- Pump body Stainless Steel AISI 304
- Impeller Noryl
- Suction grid Moplen
- Shaft with rotor Stainless Steel AISI 304
- Double mechanical seal in oil chamber Ceramic/Graphite/NBR
- Ceramic/Graphite/NBR



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |    |     |      |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|----|-----|------|---------------|--------------------------------|-----|-----|----------------|
|                          | A                            | B   | C  | H   | DNM  | CAVO<br>CABLE | P                              | L   | H   |                |
| Monofase<br>Single-phase |                              |     |    |     |      |               |                                |     |     | Kg             |
| TM 3X                    | 78,5                         | 156 | 50 | 440 | 1" ¼ | 10 mt H07RNF  | 180                            | 200 | 470 | 13,5           |
| TM 4X                    | 78,5                         | 156 | 50 | 480 | 1" ¼ | 10 mt H07RNF  | 180                            | 200 | 500 | 14             |

ELETTROPOMPE SOMMERSE PER DRENAGGIO  
SUBMERSIBLE ELECTRIC PUMPS FOR THE DRAINAGE



| TDH - 50 HZ - 1 PHASE    |                                                                    |      |                                        |                          |                       |      |      |    |      |     |     |     |     |     |
|--------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|-----------------------|------|------|----|------|-----|-----|-----|-----|-----|
| TIPO<br>TYPE             | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Q = PORTATA- CAPACITY |      |      |    |      |     |     |     |     |     |
| Monofase<br>Single-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | m³/h                  | 0    | 1,5  | 3  | 6    | 9   | 12  | 15  | 18  | 21  |
|                          | HP                                                                 | kW   | kW                                     |                          | lt/1'                 | 0    | 25   | 50 | 100  | 150 | 200 | 250 | 300 | 350 |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                       |      |      |    |      |     |     |     |     |     |
| TDH 500                  | 0,5                                                                | 0,4  | 0,55                                   | 3                        | H<br>(m)              | 11,5 | 11   | 10 | 8    | 5,6 | 2,8 |     |     |     |
| TDH 1000                 | 1                                                                  | 0,75 | 1                                      | 4,8                      |                       | 15   | 14,5 | 14 | 12,6 | 11  | 9,2 | 7,1 | 4,6 | 2   |

APPLICAZIONI

Elettropompe per drenaggio con girante immersa aperta a raso-mento con griglia filtrante. Adatte per il sollevamento di acque chiare con piccoli corpi in sospensione, per acque meteoriche e di infiltrazione e per lo svuotamento di acque piovane o di raccolta.

LIMITI D'IMPIEGO

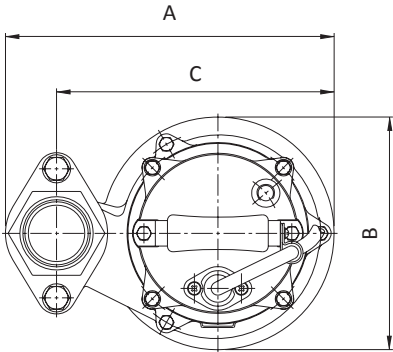
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d'immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi
  - TDH 500      Ø 7,5 mm
  - TDH 1000    Ø 10 mm
- Livello min. d'aspirazione
  - TDH 500      88 mm
  - TDH 1000    100 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz
- Isolamento Classe B
- Protezione IP 68
- Protettore termico

MATERIALI

- Coperchio motore                      Ghisa
- Corpo pompa                              Ghisa
- Girante (TDH 500)                        Noryl
- Girante (TDH 1000)                      Ghisa
- Albero motore                            Acciaio Inox AISI 304
- Griglia                                        Acciaio Inox AISI 304
- Tenuta meccanica (TDH 500)          Ceramica/Grafite/NBR
- Doppia tenuta meccanica  
in camera d'olio (TDH 1000)          Ceramica/Grafite/NBR  
Ceramica/Grafite/NBR



APPLICATION

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean waters, even with small suspended solids, for drainage of flowing and collection rain waters.

OPERATING CONDITIONS

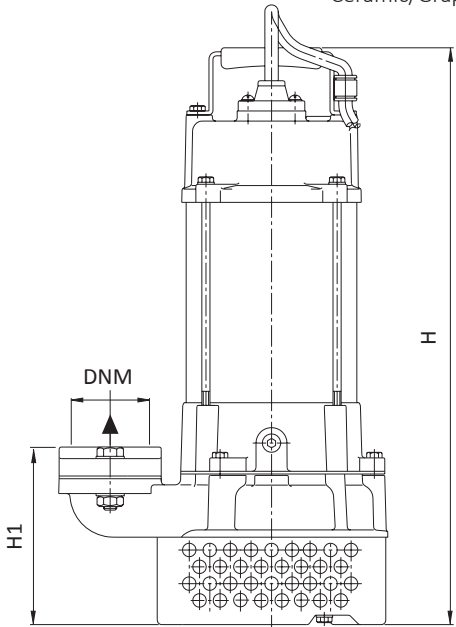
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Grain size inlet
  - TDH 500      Ø 7,5 mm
  - TDH 1000    Ø 10 mm
- Min. suction level
  - TDH 500      88 mm
  - TDH 1000    100 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Insulation Class B
- Protection IP 68
- Thermic protection

MATERIALS

- Upper cover                                Cast Iron
- Pump body                                 Cast Iron
- Impeller (TDH 500)                      Noryl
- Impeller (TDH 1000)                    Cast Iron
- Shaft with rotor                            Stainless Steel AISI 304
- Suction strainer                            Stainless Steel AISI 304
- Mechanical seal (TDH 500)            Ceramic/Graphite/NBR
- Double mechanical seal  
in oil chamber (TDH 1000)            Ceramic/Graphite/NBR  
Ceramic/Graphite/NBR



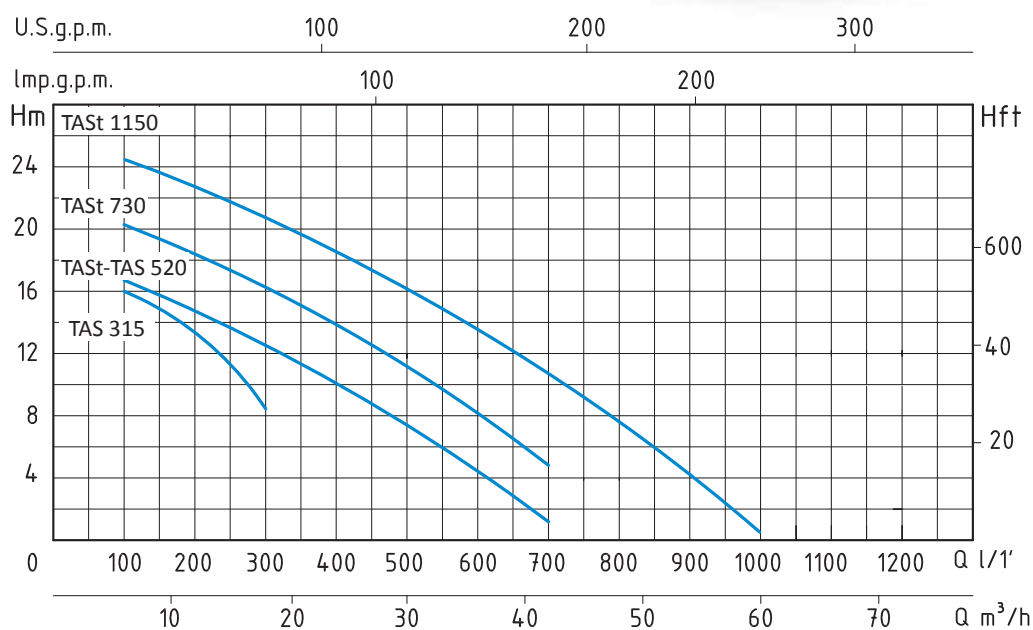
| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|-----|-----|-----|-----|---------------|--------------------------------|-----|-----|----------------|
|                          | A                            | B   | C   | H   | H1  | DNM | CAVO<br>CABLE | P                              | L   | H   |                |
| Monofase<br>Single-phase |                              |     |     |     |     |     |               |                                |     |     |                |
| TDH 500                  | 226                          | 161 | 191 | 349 | 86  | 2"  | 10 mt H07RNF  | 200                            | 240 | 395 | 14,8           |
| TDH 1000                 | 245                          | 173 | 207 | 430 | 109 | 2"  | 10 mt H07RNF  | 200                            | 255 | 470 | 20,3           |



## ELETTROPOMPE SOMMERSE PER DRENAGGIO CANTIERI SUBMERSIBLE ELECTRIC PUMPS FOR THE DRAINAGE OF CONSTRUCTION SITES



TAS 520



### TAS - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY                                               |      |      |      |      |     |     |      |
|--------------------------|------------------------|-----------------------------------------|-----|----------------------------------------|--------------------------|------------------------|---------------------------------------------------------------------|------|------|------|------|-----|-----|------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                                                                | 6    | 12   | 18   | 30   | 42  | 48  | 60   |
|                          |                        | HP                                      | kW  | kW                                     |                          |                        | lt/1'                                                               | 100  | 200  | 300  | 500  | 700 | 800 | 1000 |
|                          |                        |                                         |     |                                        |                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |      |      |      |     |     |      |
| TAS 315                  |                        | 1,5                                     | 1,1 | 1,7                                    | 8,2                      |                        | H<br>(m)                                                            | 16   | 13,5 | 8,3  |      |     |     |      |
| TAS 520                  | TAS 520                | 2                                       | 1,5 | 1,9                                    | 10                       | 3,5                    |                                                                     | 16,5 | 14,4 | 12,3 | 7,2  | 1,6 |     |      |
|                          | TAS 730                | 3                                       | 2,2 | 3                                      |                          | 5                      |                                                                     | 20,5 | 18,6 | 16,4 | 11,4 | 4,6 |     |      |
|                          | TAS 1150               | 5                                       | 4   | 5                                      |                          | 8,2                    |                                                                     | 24,5 | 23   | 21   | 16   | 11  | 7   | 1    |

APPLICAZIONI

Elettropompe sommerse per drenaggio in cantieri, fossi, canali e sottopassaggi. Impegate per pompare acqua fuori dalle cantine, garages e scantinati. Particolarmente adatte per il prosciugamento di acqua sporca contenente una moderata quantità di materiale abrasivo.

LIMITI D’IMPIEGO

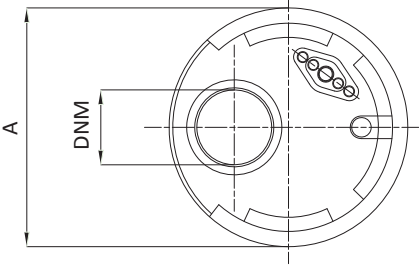
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d’immersione 10 mt. (per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi Ø 7,5 mm (TAS 315)
- Passaggio solidi Ø 10,5 mm
- Livello min. d’aspirazione 85 mm (TAS 315)
- Livello min. d’aspirazione 120 mm

MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Condensatore permanente inserito (TAS 315 µF10 ; TAS 520 µF15)
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Corpo motore Acciaio Inox AISI 304
- Cilindro motore Acciaio Inox AISI 304
- Coperchio motore Acciaio Inox AISI 304
- Corpo pompa Ghisa
- Girante Lega Cromo (HCR)
- Albero motore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d’olio Ceramica/Grafite/NBR
- Silicio/Silicio/NBR



APPLICATION

For the drainage of construction sites, trench ducts, and underground passages. Suitable to pump water out from cellars, garages and basements. Disposal of moderately heavy water containing some abrasive material.

OPERATING CONDITIONS

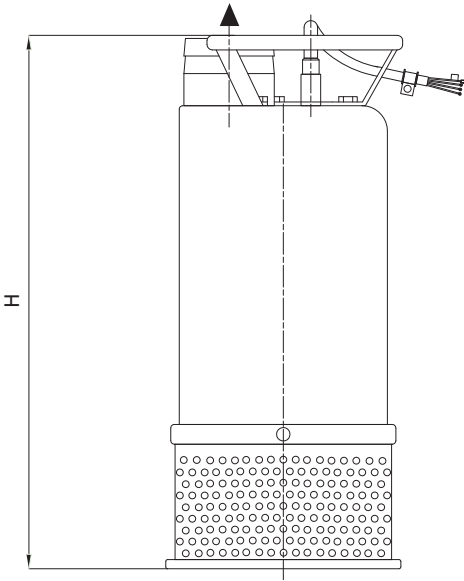
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt. (for home use according to EN 60335-2-41)
- Grain size inlet Ø 7,5 mm (TAS 315)
- Grain size inlet Ø 10,5 mm
- Min. suction level 85 mm (TAS 315)
- Min. suction level 120 mm

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Permanent split capacitor (TAS 315 µF10 ; TAS 520 µF15)
- Insulation Class F
- Protection IP 68

MATERIALS

- Out cover Stainless steel AISI 304
- Motor frame Stainless steel AISI 304
- Upper cover Stainless steel AISI 304
- Pump body Spheroidal cast iron
- Impeller High chrome alloy (HCR)
- Shaft Stainless steel AISI 304
- Double mechanical seal in oil chamber Ceramica/Graphite/NBR
- Silicon/Silicon/NBR

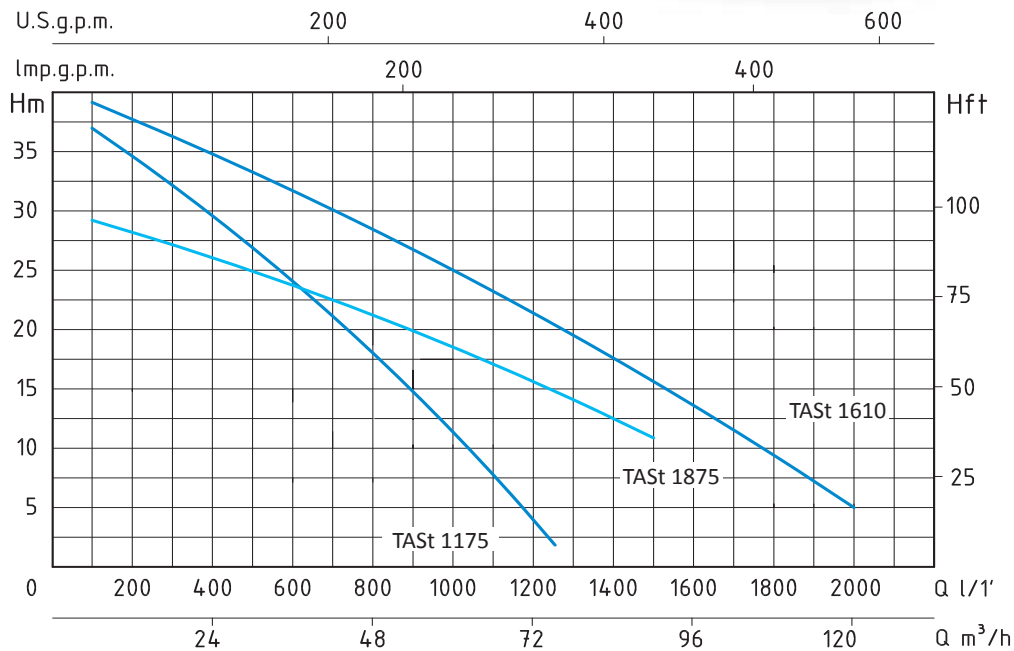


| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |          |     |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|----------|-----|---------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | H        | DNM | CAVO<br>CABLE | P                              | L   | H   | Kg             |
| TAS 315                  |                        | 210                          | 482      | 2"  | 10 mt H07RNF  | 261                            | 228 | 535 | 30,9           |
| TAS 520                  | TAS 520                | 238                          | 601- 521 | 3"  | 10 mt H07RNF  | 287                            | 359 | 585 | 42,1           |
|                          | TAS 730                | 238                          | 521      | 3"  | 10 mt H07RNF  | 287                            | 359 | 585 | 45,2           |
|                          | TAS 1150               | 238                          | 661      | 3"  | 10 mt H07RNF  | 267                            | 279 | 680 | 49,5           |

ELETTROPOMPE SOMMERSE PER DRENAGGIO CANTIERI  
SUBMERSIBLE ELECTRIC PUMPS FOR THE DRAINAGE  
OF CONSTRUCTION SITES



TAS 1175



| TAS - 50 HZ - 3 PHASE  |                                         |     |                                        |                        |                        |      |      |      |                                                                     |      |      |      |
|------------------------|-----------------------------------------|-----|----------------------------------------|------------------------|------------------------|------|------|------|---------------------------------------------------------------------|------|------|------|
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA - CAPACITY |      |      |      |                                                                     |      |      |      |
|                        | HP                                      | kW  | kW                                     |                        | m³/h                   | 6    | 12   | 18   | 30                                                                  | 42   | 48   | 60   |
| Trifase<br>Three-phase | P2                                      |     | P1                                     | Trifase<br>Three-phase | lt/1'                  | 100  | 200  | 300  | 500                                                                 | 700  | 800  | 1000 |
|                        |                                         |     |                                        |                        |                        | 1250 | 1500 | 2000 | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |      |      |
| TAS 1175               | 7,5                                     | 5,5 | 7                                      | 11,6                   | H (m)                  | 37   | 35   | 32   | 28                                                                  | 21   | 18,6 | 12,5 |
| TAS 1875               | 7,5                                     | 5,5 | 7                                      | 11,6                   |                        | 29   | 28   | 27   | 25,1                                                                | 22,3 | 21,5 | 19   |
| TAS 1610               | 10                                      | 7,5 | 9,2                                    | 15,3                   |                        | 39   | 37,5 | 36   | 33,5                                                                | 29,7 | 28   | 24,8 |

APPLICAZIONI

Elettropompe sommerse per drenaggio in cantieri, fossi, canali e sottopassaggi. Impegate per pompare acqua fuori dalle cantine, garages e scantinati.  
Particolarmente adatte per il prosciugamento di acqua sporca contenente una moderata quantità di materiale abrasivo.

LIMITI D'IMPIEGO

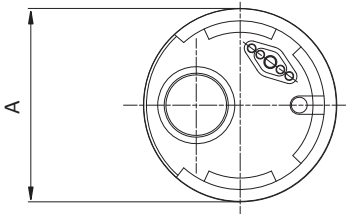
- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi Ø 10,5 mm
- Livello min. d'aspirazione 130 mm

MOTORE

- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Corpo motore                    Acciaio Inox AISI 304
- Cilindro motore                Acciaio Inox AISI 304
- Coperchio motore            Acciaio Inox AISI 304
- Corpo pompa                    Ghisa
- Girante                            Lega Cromo (HCR)
- Albero motore                 Acciaio Inox AISI 304
- Doppia tenuta meccanica    Ceramica/Grafite/NBR  
in camera d'olio                 Silicio/Silicio/NBR



APPLICATION

For the drainage of construction sites, trench ducts, and underground passages.  
Suitable to pump water out from cellars, garages and basements.  
Disposal of moderately heavy water containing some abrasive material.

OPERATING CONDITIONS

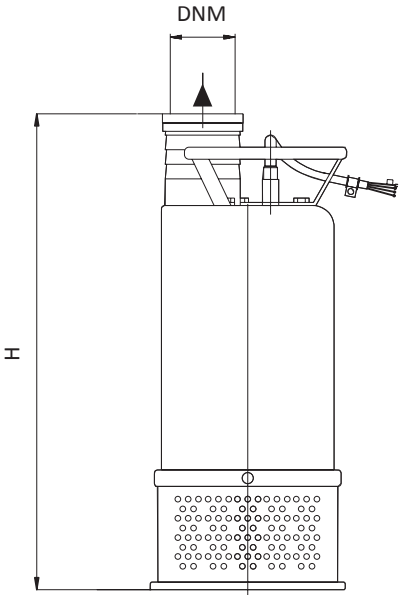
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Grain size inlet Ø 10,5 mm
- Min. suction level 130 mm

MOTOR

- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68

MATERIALS

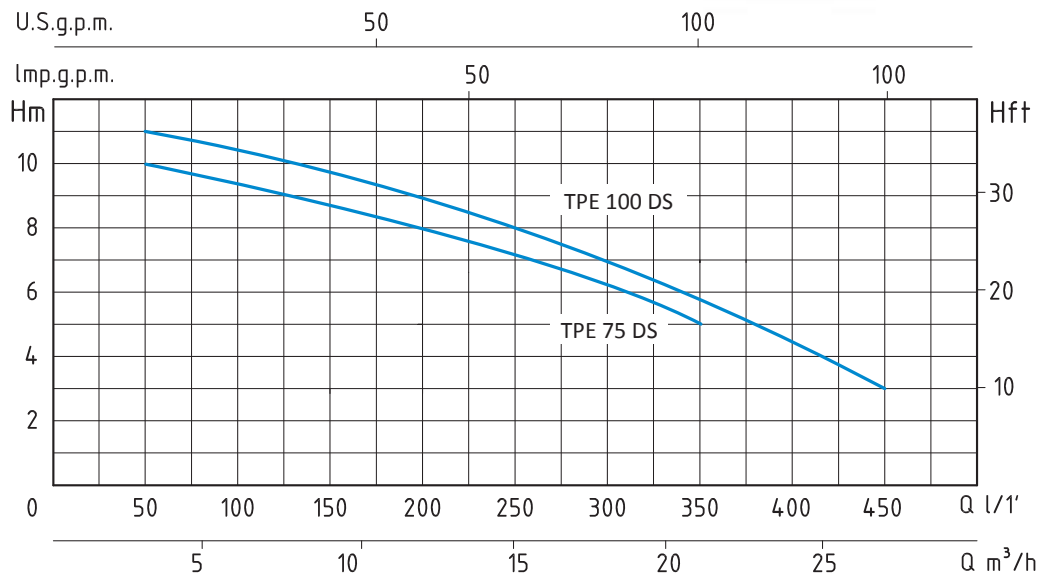
- Out cover                         Stainless steel AISI 304
- Motor frame                    Stainless steel AISI 304
- Upper cover                    Stainless steel AISI 304
- Pump body                       Spheroidal cast iron
- Impeller                          High chrome alloy (HCR)
- Shaft                                Stainless steel AISI 304
- Double mechanical seal      Ceramic/Graphite/NBR  
in oil chamber                    Silicon/Silicon/NBR



| TIPO<br>TYPE          | DIMENSIONI mm - DIMENSIONS mm |     |     |              | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|-----------------------|-------------------------------|-----|-----|--------------|--------------------------------|-----|-----|----------------|
|                       | A                             | H   | DNM | CAVO - CABLE | P                              | L   | H   |                |
| Trifase - Three-phase |                               |     |     |              |                                |     |     | Kg             |
| TAS <sup>t</sup> 1175 | 286                           | 661 | 3"  | 10 mt H07RNF | 320                            | 765 | 395 | 85,5           |
| TAS <sup>t</sup> 1875 | 286                           | 661 | 4"  | 10 mt H07RNF | 372                            | 805 | 550 | 95,5           |
| TAS <sup>t</sup> 1610 | 286                           | 661 | 4"  | 10 mt H07RNF | 372                            | 805 | 550 | 96             |



ELETTROPOMPE SOMMERSE PER DRENAGGIO  
SUBMERSIBLE ELECTRIC PUMPS FOR THE DRAINAGE



TPE-D - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA NOMINALE<br><i>NOMINAL<br/>POWER</i>                       |      | POTENZA ASSORBITA<br><i>INPUT<br/>POWER</i> | AMPERE                   | Q = PORTATA- CAPACITY |    |      |     |     |     |     |     |     |     |
|--------------------------|--------------------------------------------------------------------|------|---------------------------------------------|--------------------------|-----------------------|----|------|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | P2                                                                 |      | P1                                          | Monofase<br>Single-phase | m³/h                  | 3  | 6    | 9   | 12  | 15  | 18  | 21  | 24  | 27  |
|                          | HP                                                                 | kW   | kW                                          |                          | lt/1'                 | 50 | 100  | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                             |                          |                       |    |      |     |     |     |     |     |     |     |
| TPE 75 DS                | 0,75                                                               | 0,55 | 0,9                                         | 4                        | H                     | 10 | 9,5  | 9   | 8   | 7   | 6   | 5   |     |     |
| TPE 100 DS               | 1                                                                  | 0,75 | 1,1                                         | 4,8                      | (m)                   | 11 | 10,5 | 10  | 9   | 8   | 7   | 6   | 4,5 | 3   |

APPLICAZIONI

Elettropompe per drenaggio con girante immersa aperta a rasamento con griglia filtrante. Adatte per il sollevamento di acque chiare con piccoli corpi in sospensione, per acque meteoriche e di infiltrazione e per lo svuotamento di acque piovane o di raccolta.

LIMITI D’IMPIEGO

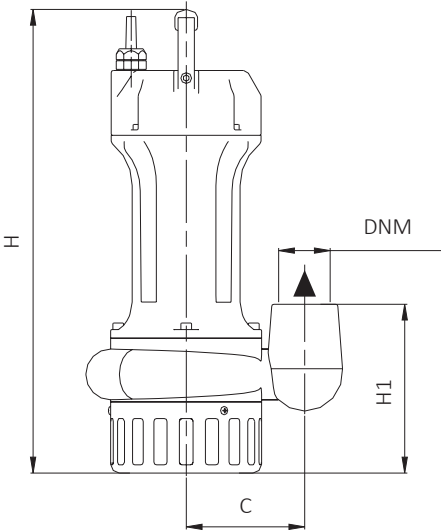
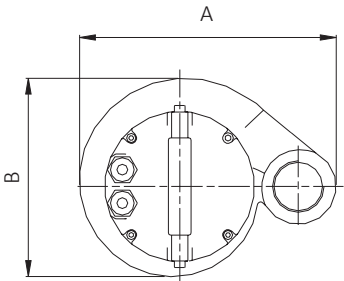
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d’immersione 10 mt. (per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi Ø 10 mm
- Livello min. d’aspirazione 100 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz (con galleggiante)
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

MATERIALI

- |                                      |                       |
|--------------------------------------|-----------------------|
| - Corpo motore                       | Ghisa                 |
| - Corpo pompa                        | Ghisa                 |
| - Girante                            | Ghisa                 |
| - Albero motore                      | Acciaio Inox AISI 304 |
| - Griglia                            | Acciaio Inox AISI 304 |
| - Tenuta meccanica con camera d’olio | Silicio/Silicio/NBR   |



APPLICATION

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean waters, even with small suspended solids, for drainage of flowing and collection rain waters.

OPERATING CONDITIONS

- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 10 mt. (for home use according to EN 60335-2-41)
- Grain size inlet Ø 10 mm
- Min. suction level 100 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz (with floater)
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

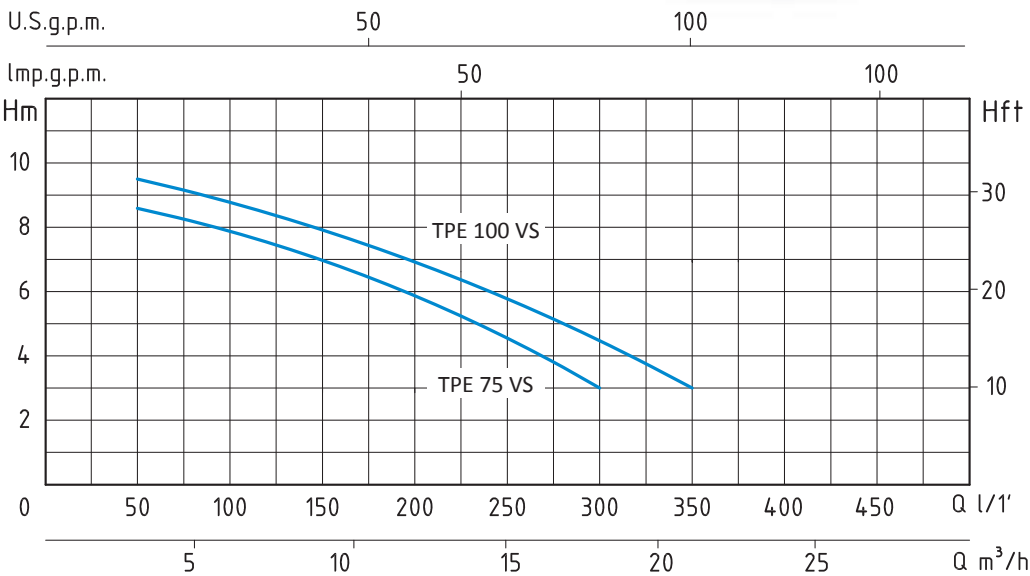
MATERIALS

- |                                    |                          |
|------------------------------------|--------------------------|
| - Motor body                       | Cast Iron                |
| - Pump body                        | Cast Iron                |
| - Impeller                         | Cast Iron                |
| - Shaft with rotor                 | Stainless Steel AISI 304 |
| - Suction strainer                 | Stainless Steel AISI 304 |
| - Mechanical seal with oil chamber | Silicon/Silicon/NBR      |

| TIPO<br>TYPE             | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |      |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|-------------------------------|-----|-----|-----|-----|------|---------------|--------------------------------|-----|-----|----------------|
|                          | A                             | B   | C   | H   | H1  | DNM  | CAVO<br>CABLE | P                              | L   | H   |                |
| Monofase<br>Single-phase |                               |     |     |     |     |      |               |                                |     |     | Kg             |
| TPE 75 DS                | 238                           | 184 | 110 | 440 | 157 | 1" ½ | 10 mt H07RNF  | 204                            | 256 | 500 | 17,3           |
| TPE 100 DS               | 238                           | 184 | 110 | 440 | 157 | 1" ½ | 10 mt H07RNF  | 204                            | 256 | 500 | 17,8           |



ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX  
SUBMERSIBLE ELECTRIC PUMPS  
WITH VORTEX IMPELLER



TPE-V - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA NOMINALE<br>NOMINAL<br>POWER                               |      | POTENZA ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |
|--------------------------|--------------------------------------------------------------------|------|-------------------------------------|--------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | P2                                                                 |      | P1                                  | Monofase<br>Single-phase | m³/h                  | 3   | 6   | 9   | 12  | 15  | 18  | 21  |
|                          | HP                                                                 | kW   | kW                                  |                          | lt/1'                 | 50  | 100 | 150 | 200 | 250 | 300 | 350 |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                     |                          |                       |     |     |     |     |     |     |     |
| TPE 75 VS                | 0,75                                                               | 0,55 | 0,9                                 | 4                        | H<br>(m)              | 8,5 | 8   | 7   | 5,5 | 4   | 3   |     |
| TPE 100 VS               | 1                                                                  | 0,75 | 1,1                                 | 4,8                      |                       | 9,5 | 9   | 8   | 6,5 | 5   | 4   | 3   |

APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata.  
Adatte per il sollevamento di liquidi biologici, leggermente carichi e schiumosi, liquidi fognari e depurati da griglie con sostanze oleose, scarichi di origine civile e industriale.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Massima profondità d’immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi Ø 30 mm
- Livello min. d’aspirazione 100 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz (con galleggiante)
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

MATERIALI

- |                                      |                       |
|--------------------------------------|-----------------------|
| - Corpo motore                       | Ghisa                 |
| - Corpo pompa                        | Ghisa                 |
| - Girante                            | Ghisa                 |
| - Albero motore                      | Acciaio Inox AISI 304 |
| - Tenuta meccanica con camera d’olio | Silicio/Silicio/NBR   |

APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type.  
Suitable in civil and industrial water systems, for cesspool drainage with slightly dirty or foamy liquids, for oily waters cleaned by grid.

OPERATING CONDITIONS

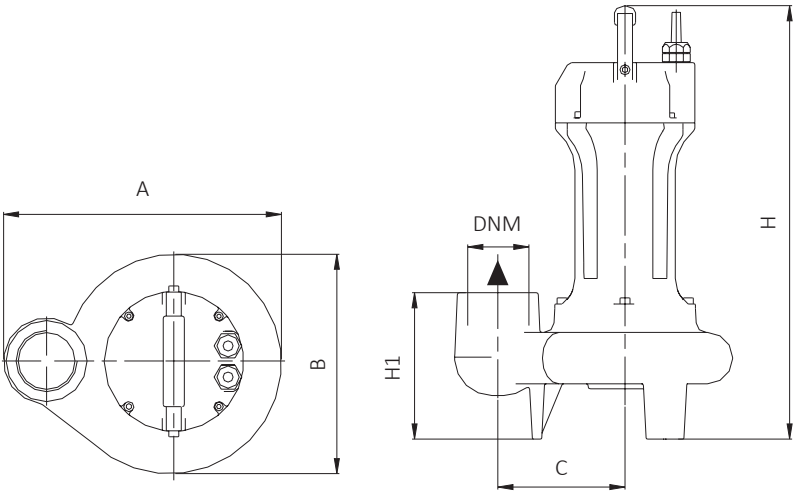
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Grain size inlet Ø 30 mm
- Min. suction level 100 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz (with floater)
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

MATERIALS

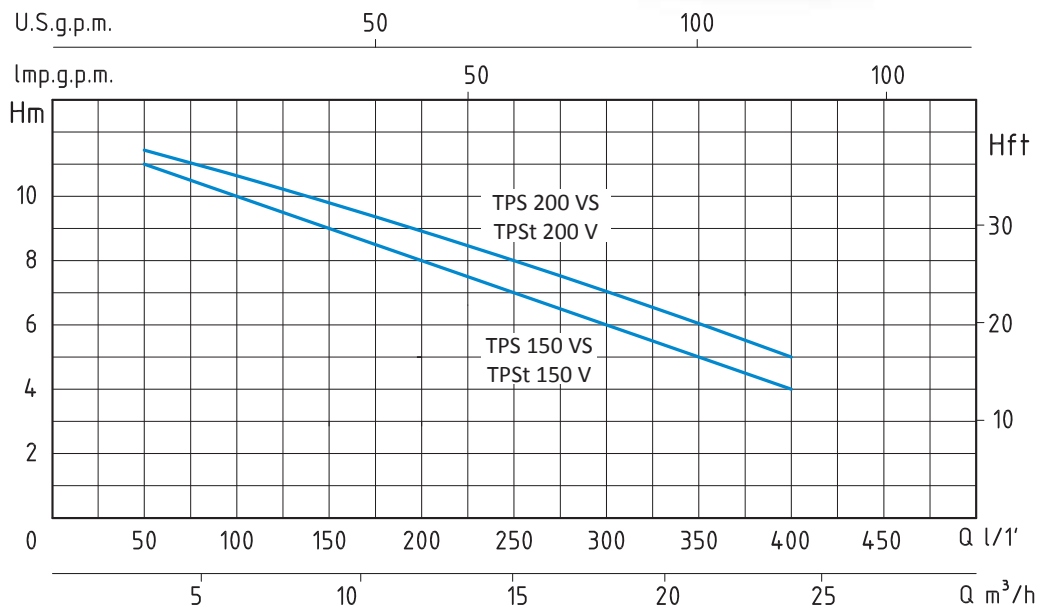
- |                                    |                          |
|------------------------------------|--------------------------|
| - Motor body                       | Cast Iron                |
| - Pump body                        | Cast Iron                |
| - Impeller                         | Cast Iron                |
| - Shaft with rotor                 | Stainless Steel AISI 304 |
| - Mechanical seal with oil chamber | Silicon/Silicon/NBR      |



| TIPO<br>TYPE             | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |     |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|-------------------------------|-----|-----|-----|-----|-----|---------------|--------------------------------|-----|-----|----------------|
|                          | A                             | B   | C   | H   | H1  | DNM | CAVO<br>CABLE | P                              | L   | H   |                |
| Monofase<br>Single-phase |                               |     |     |     |     |     |               |                                |     |     | Kg             |
| TPE 75 VS                | 278                           | 218 | 126 | 430 | 145 | 2"  | 10 mt H07RNF  | 240                            | 290 | 505 | 19,4           |
| TPE 100 VS               | 278                           | 218 | 126 | 430 | 145 | 2"  | 10 mt H07RNF  | 240                            | 290 | 505 | 19,7           |

ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX

SUBMERSIBLE ELECTRIC PUMPS  
WITH VORTEX IMPELLER



| TPS-V - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                     |     |                                               |                          |                        |                       |      |     |     |     |     |     |     |     |
|-----------------------------------|------------------------|---------------------------------------------------------------------|-----|-----------------------------------------------|--------------------------|------------------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|
| TIPO<br>TYPE                      |                        | POTENZA<br>NOMINALE<br><i>NOMINAL</i><br>POWER                      |     | POTENZA<br>ASSORBITA<br><i>INPUT</i><br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |     |     |     |     |     |     |     |
| Monofase<br>Single-phase          | Trifase<br>Three-phase | P2                                                                  |     | P1                                            | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 3    | 6   | 9   | 12  | 15  | 18  | 21  | 24  |
|                                   |                        | HP                                                                  | kW  | kW                                            |                          |                        | lt/1'                 | 50   | 100 | 150 | 200 | 250 | 300 | 350 | 400 |
|                                   |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                                               |                          |                        |                       |      |     |     |     |     |     |     |     |
| TPS 150 VS                        | TPSt 150 V             | 1,5                                                                 | 1,1 | 1,7                                           | 7,5                      | 3,2                    | H<br>(m)              | 11   | 10  | 9   | 8   | 7   | 6   | 5   | 4   |
| TPS 200 VS                        | TPSt 200 V             | 2                                                                   | 1,5 | 1,9                                           | 8,5                      | 3,5                    |                       | 11,5 | 11  | 10  | 9   | 8   | 7   | 6   | 5   |

## APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata che consente ampi passaggi liberi anche integrali. Adatte per il sollevamento di liquidi biologici e fognari, con sostanze colloidali ed oleose e per scarichi di origine civile ed industriale.

## LIMITI D'IMPIEGO

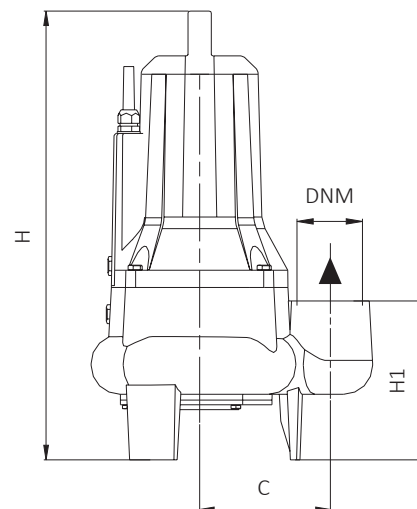
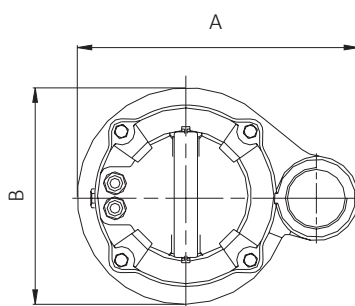
- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi Ø 40 mm
- Livello min. d'aspirazione 125 mm
- Servizio continuo

## MOTORE

- Motore 2 poli a induzione in bagno d'olio
- Monofase 230V-50Hz (con galleggiante)
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

## MATERIALI

- Corpo motore Ghisa
- Corpo pompa Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d'olio Ceramica/Grafite/NBR  
Silicio/Silicio/NBR



## APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.

## OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Grain size inlet Ø 40 mm
- Min. suction level 125 mm
- Continuous duty

## MOTOR

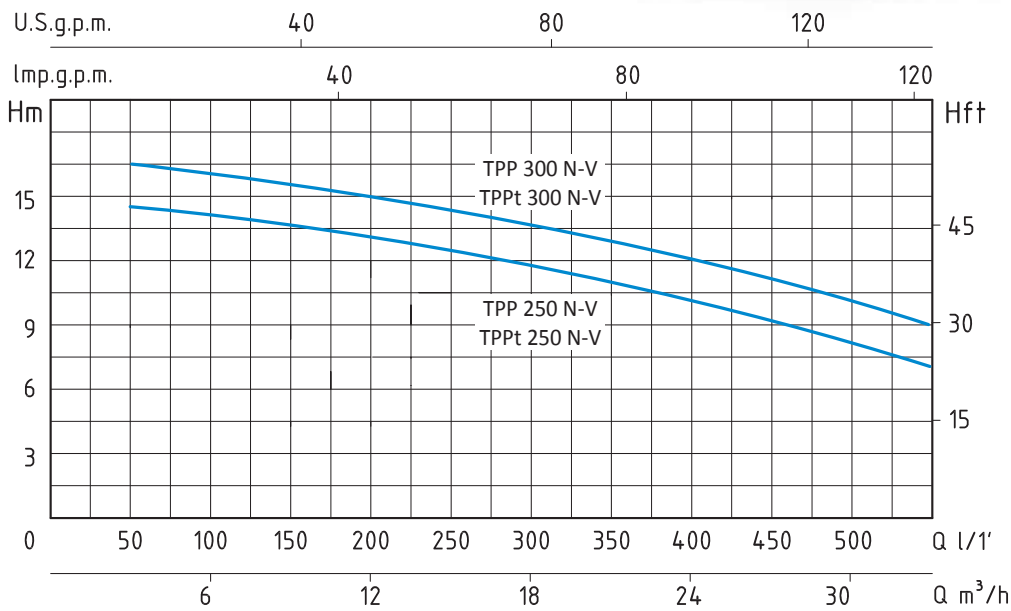
- 2 pole induction motor in oil bath
- Single-phase 230V-50Hz (with floater)
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

## MATERIALS

- Motor body Cast Iron
- Pump body Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel AISI 304
- Double mechanical seal in oil chamber Ceramica/Graphite/NBR  
Silicon/Silicon/NBR

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |                |                                                      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|----------------|------------------------------------------------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | H   | H1  | DNM | CAVO<br>CABLE  | Passaggio<br>solidi (mm)<br>Grain size<br>inlet (mm) | P                              | L   | H   | Kg             |
| TPS 150 VS               | TPSt 150 V             | 292                          | 225 | 135 | 495 | 165 | 2"  | 10 mt H07RN8-F | Ø 40                                                 | 280                            | 350 | 585 | 40,5           |
| TPS 200 VS               | TPSt 200 V             | 292                          | 225 | 135 | 495 | 165 | 2"  | 10 mt H07RN8-F | Ø 40                                                 | 280                            | 350 | 585 | 41,1           |

ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX  
SUBMERSIBLE ELECTRIC PUMPS  
WITH VORTEX IMPELLER



| TPP-V - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                     |      |                                        |                          |                        |                       |      |     |      |     |      |     |      |     |      |     |
|-----------------------------------|------------------------|---------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|------|-----|------|-----|------|-----|------|-----|------|-----|
| TIPO<br>TYPE                      |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |     |      |     |      |     |      |     |      |     |
| Monofase<br>Single-phase          | Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 3    | 6   | 9    | 12  | 15   | 18  | 21   | 24  | 27   | 30  |
|                                   |                        | HP                                                                  | kW   | kW                                     |                          |                        | lt/1'                 | 50   | 100 | 150  | 200 | 250  | 300 | 350  | 400 | 450  | 600 |
|                                   |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                          |                        |                       |      |     |      |     |      |     |      |     |      |     |
| TPP 250 N-V                       | TPPt 250 N-V           | 2,5                                                                 | 1,85 | 2,6                                    | 11                       | 4,6                    | H                     | 14,5 | 14  | 13,5 | 13  | 12,5 | 12  | 11,5 | 11  | 9    | 7   |
| TPP 300 N-V                       | TPPt 300 N-V           | 3                                                                   | 2,2  | 3                                      | 14                       | 5,5                    | (m)                   | 16,5 | 16  | 15,5 | 15  | 14,5 | 14  | 13,5 | 13  | 11,5 | 9   |

APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata che consente ampi passaggi liberi anche integrali. Adatte per il sollevamento di liquidi biologici e fognari, con sostanze colloidali ed oleose e per scarichi di origine civile ed industriale.

LIMITI D’IMPIEGO

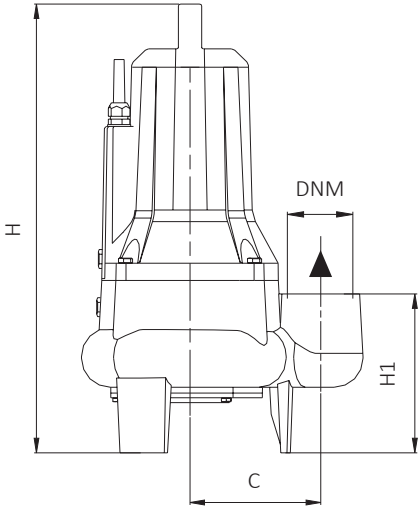
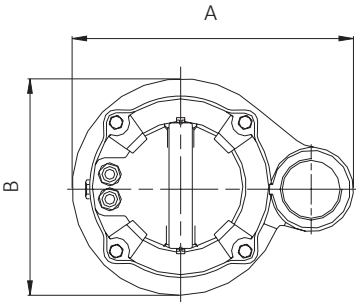
- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d’immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi Ø 50 mm
- Livello min. d’aspirazione 140 mm
- Servizio continuo

MOTORE

- Motore 2 poli a induzione in bagno d’olio
- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

MATERIALI

- Corpo motore Ghisa
- Corpo pompa Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d’olio Ceramica/Grafite/NBR  
Silicio/Silicio/NBR



APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.

OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Grain size inlet Ø 50 mm
- Min. suction level 140 mm
- Continuous duty

MOTOR

- 2 pole induction motor in oil bath
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

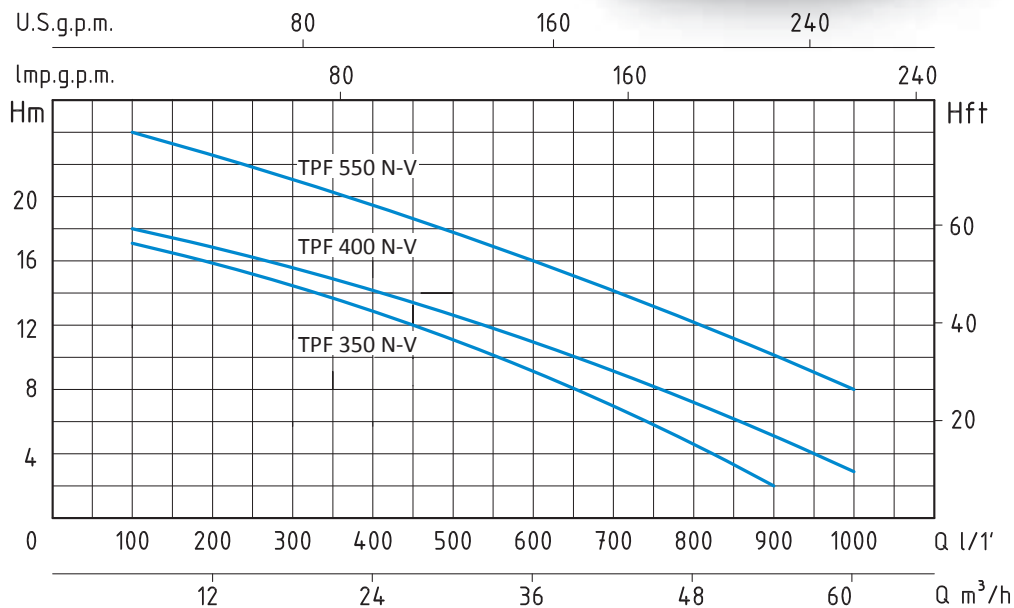
MATERIALS

- Motor body Cast Iron
- Pump body Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel AISI 304
- Double mechanical seal in oil chamber Ceramic/Graphite/NBR  
Silicon/Silicon/NBR

| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |                |                                                      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|----------------|------------------------------------------------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | H   | H1  | DNM | CAVO<br>CABLE  | Passaggio<br>solidi (mm)<br>Grain size<br>inlet (mm) | P                              | L   | H   | Kg             |
| TPP 250 N-V              | TPPt 250 N-V           | 339                          | 250 | 160 | 548 | 203 | 2"½ | 10 mt H07RN8-F | Ø 50                                                 | 285                            | 380 | 702 | 47,5           |
| TPP 300 N-V              | TPPt 300 N-V           | 339                          | 250 | 160 | 548 | 203 | 2"½ | 10 mt H07RN8-F | Ø 50                                                 | 285                            | 380 | 702 | 50,3           |



ELETTROPOMPE SOMMERSE CON GIRANTE VORTEX  
SUBMERSIBLE ELECTRIC PUMPS  
WITH VORTEX IMPELLER



TPF-V - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY                                              |     |     |     |     |     |     |     |     |      |
|------------------------|-----------------------------------------|-----|----------------------------------------|------------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Trifase<br>Three-phase | P2                                      |     | P1                                     | Trifase<br>Three-phase | m³/h                                                               | 6   | 12  | 18  | 24  | 36  | 42  | 48  | 54  | 60   |
|                        | HP                                      | kW  | kW                                     |                        | lt/1'                                                              | 100 | 200 | 300 | 400 | 600 | 700 | 800 | 900 | 1000 |
|                        |                                         |     |                                        |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |     |      |
|                        |                                         |     |                                        |                        | H<br>(m)                                                           | 17  | 16  | 15  | 13  | 9   | 7   | 5   | 2   |      |
|                        |                                         |     |                                        |                        |                                                                    | 18  | 17  | 16  | 14  | 11  | 9   | 7   | 5   | 3    |
| 24                     | 23                                      | 21  | 19                                     | 16                     |                                                                    | 14  | 12  | 10  | 8   |     |     |     |     |      |
| TPF 350 N-V            | 3,5                                     | 2,5 | 3,5                                    | 6                      |                                                                    |     |     |     |     |     |     |     |     |      |
| TPF 400 N-V            | 4                                       | 3   | 4,6                                    | 8,3                    |                                                                    |     |     |     |     |     |     |     |     |      |
| TPF 550 N-V            | 5,5                                     | 4   | 7                                      | 12                     |                                                                    |     |     |     |     |     |     |     |     |      |

APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata che consente ampi passaggi liberi anche integrali. Adatte per il sollevamento di liquidi biologici e fognari, con sostanze colloidali ed oleose e per scarichi di origine civile ed industriale.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d’immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Passaggio solidi Ø 70 mm
- Livello min. d’aspirazione 190 mm
- Servizio continuo

MOTORE

- Motore 2 poli a induzione in bagno d’olio
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- |                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| - Corpo motore                             | Ghisa                                       |
| - Corpo pompa                              | Ghisa                                       |
| - Girante                                  | Ghisa                                       |
| - Albero motore                            | Acciaio Inox AISI 304                       |
| - Doppia tenuta meccanica in camera d’olio | Ceramica/Grafite/NBR<br>Silicio/Silicio/NBR |

APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.

OPERATING CONDITIONS

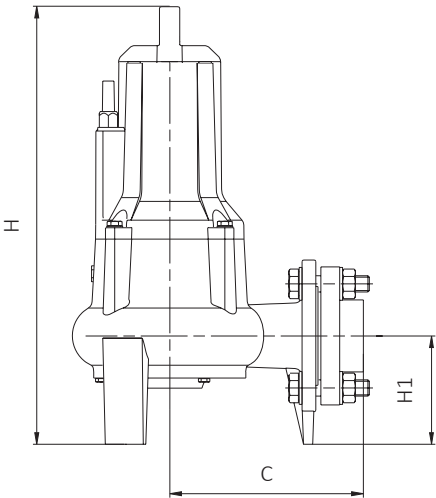
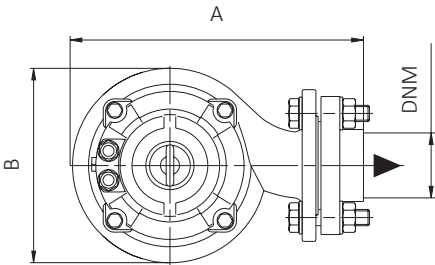
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Grain size inlet Ø 70 mm
- Min. suction level 190 mm
- Continuous duty

MOTOR

- 2 pole induction motor in oil bath
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68

MATERIALS

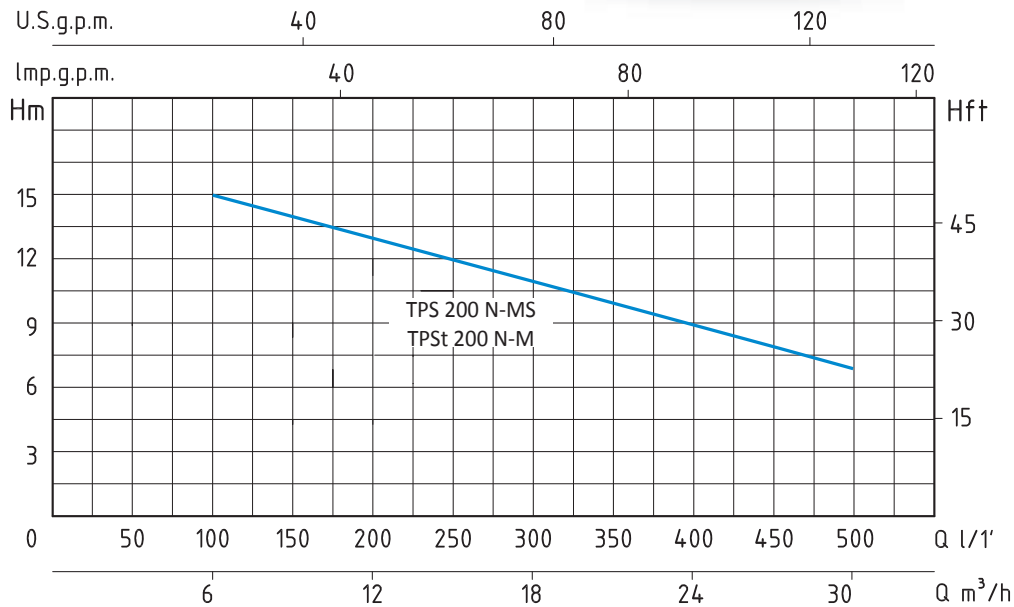
- |                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |



| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |                |                                                      | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|------------------------|------------------------------|-----|-----|-----|-----|-----|----------------|------------------------------------------------------|--------------------------------|-----|-----|----------------|
|                        | A                            | B   | C   | H   | H1  | DNM | CAVO<br>CABLE  | Passaggio<br>solidi (mm)<br>Grain size<br>inlet (mm) | P                              | L   | H   |                |
| Trifase<br>Three-phase |                              |     |     |     |     |     |                |                                                      |                                |     |     |                |
| TPF 350 N-V            | 358                          | 256 | 229 | 593 | 143 | 3"  | 10 mt H07RN8-F | Ø 70                                                 | 285                            | 380 | 702 | 57,4           |
| TPF 400 N-V            | 358                          | 256 | 229 | 607 | 143 | 3"  | 10 mt H07RN8-F | Ø 70                                                 | 285                            | 380 | 702 | 62,1           |
| TPF 550 N-V            | 358                          | 256 | 229 | 628 | 143 | 3"  | 10 mt H07RN8-F | Ø 70                                                 | 285                            | 380 | 702 | 68,7           |

ELETTROPOMPE SOMMERSE  
CON GIRANTE MONOCANALE IN GHISA

SUBMERSIBLE PUMPS WITH CAST IRON  
SINGLE-BLADE IMPELLER



| TPS-M - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                    |     |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |     |
|-----------------------------------|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| TIPO<br>TYPE                      |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |
| Monofase<br>Single-phase          | Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 6   | 9   | 12  | 15  | 18  | 21  | 24  | 27  | 30  |
|                                   |                        | HP                                                                 | kW  | kW                                     |                          |                        | lt/1'                 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 |
|                                   |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                          |                        |                       |     |     |     |     |     |     |     |     |     |
| TPS 200 N-MS                      | TPSt 200 N-M           | 2                                                                  | 1,5 | 1,9                                    | 8,5                      | 3,5                    | H (m)                 | 15  | 14  | 13  | 12  | 11  | 10  | 9   | 8   | 7   |

APPLICAZIONI

Elettropompe per drenaggio con girante tipo monocanale chiusa che assicura ampi passaggi liberi ed elevate prestazioni. Adatta per la movimentazione di liquidi fognari e biologici carichi, fanghi attivi e per liquidi non depurati da griglie, per scarichi di origine civile ed industriali.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d’immersione 10 mt. (per un uso domestico secondo EN 60335-2-41)
- Livello min. d’aspirazione 70 mm
- Servizio continuo

MOTORE

- Motore 2 poli a induzione in bagno d’olio
- Monofase 230V-50Hz (con galleggiante)
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

MATERIALI

- |                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| - Corpo motore                             | Ghisa                                       |
| - Corpo pompa                              | Ghisa                                       |
| - Girante                                  | Ghisa                                       |
| - Albero motore                            | Acciaio Inox AISI 304                       |
| - Doppia tenuta meccanica in camera d’olio | Ceramica/Grafite/NBR<br>Silicio/Silicio/NBR |

APPLICATION

Submersible drainage pumps with closed single-blade impeller, which allows free passage of suspended parts and high performance. Suitable in civil and industrial water systems, for cesspool drainage with dirty and muddy liquids and for waters not cleaned by grid.

OPERATING CONDITIONS

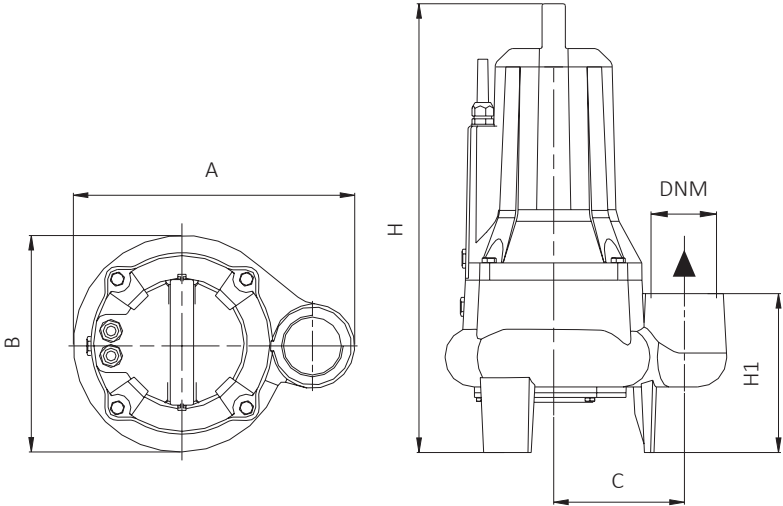
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt. (for home use according to EN 60335-2-41)
- Min. suction level 70 mm
- Continuous duty

MOTOR

- 2 pole induction motor in oil bath
- Single-phase 230V-50Hz (with floater)
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

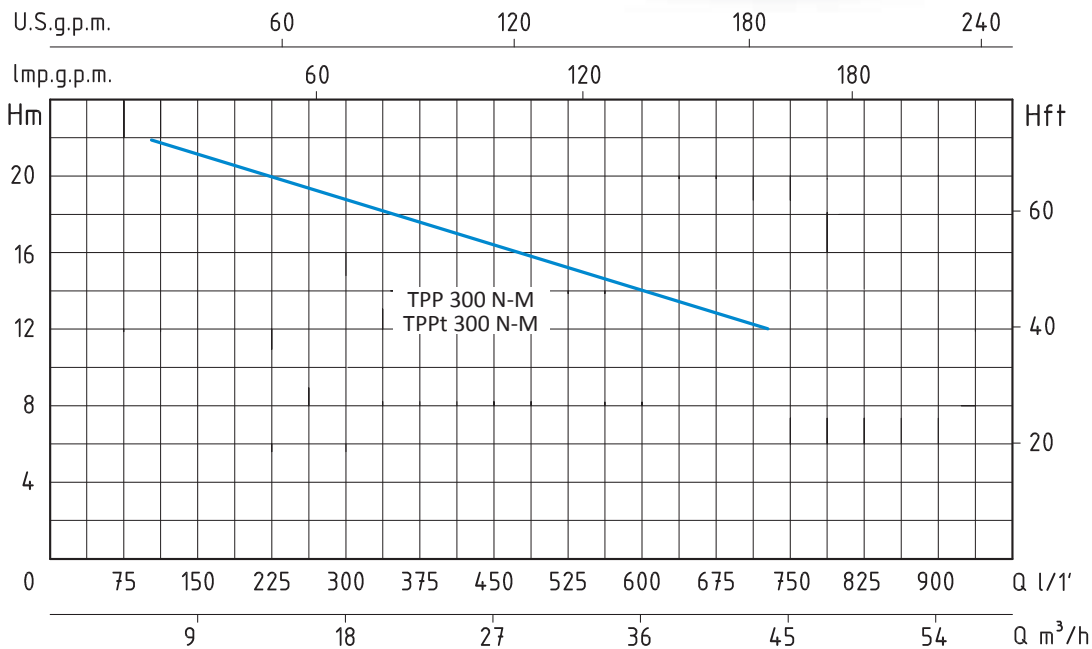
MATERIALS

- |                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |                | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|----------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | H   | H1  | DNM | CAVO<br>CABLE  | P                              | L   | H   | Kg             |
| TPS 200 N-MS             | TPSt 200 N-M           | 292                          | 225 | 135 | 495 | 165 | 2"  | 10 mt H07RN8-F | 280                            | 350 | 585 | 41,6           |

ELETTROPOMPE SOMMERSE  
CON GIRANTE MONOCANALE IN GHISA  
SUBMERSIBLE PUMPS WITH CAST IRON  
SINGLE-BLADE IMPELLER



| TPP-M - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                    |     |                                        |                          |                        |                       |     |     |      |     |     |      |     |     |     |
|-----------------------------------|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|--------------------------|------------------------|-----------------------|-----|-----|------|-----|-----|------|-----|-----|-----|
| TIPO<br>TYPE                      |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |     |     |      |     |     |      |     |     |     |
| Monofase<br>Single-phase          | Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 6   | 12  | 18   | 24  | 27  | 30   | 36  | 39  | 42  |
|                                   |                        | HP                                                                 | kW  | kW                                     |                          |                        | lt/1'                 | 100 | 200 | 300  | 400 | 450 | 500  | 600 | 650 | 700 |
|                                   |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                          |                        |                       |     |     |      |     |     |      |     |     |     |
| TPP 300 N-M                       | TPPt 300 N-M           | 3                                                                  | 2,2 | 3                                      | 14,5                     | 5,5                    | H (m)                 | 22  | 20  | 18,5 | 17  | 16  | 15,5 | 14  | 13  | 12  |

APPLICAZIONI

Elettropompe per drenaggio con girante tipo monocanale chiusa che assicura ampi passaggi liberi ed elevate prestazioni. Adatta per la movimentazione di liquidi fognari e biologici carichi, fanghi attivi e per liquidi non depurati da griglie, per scarichi di origine civile ed industriali.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 10 mt. (per un uso domestico secondo EN 60335-2-41)
- Livello min. d'aspirazione 75 mm
- Servizio continuo

MOTORE

- Motore 2 poli a induzione in bagno d'olio
- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

MATERIALI

- |                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| - Corpo motore                             | Ghisa                                       |
| - Corpo pompa                              | Ghisa                                       |
| - Girante                                  | Ghisa                                       |
| - Albero motore                            | Acciaio Inox AISI 304                       |
| - Doppia tenuta meccanica in camera d'olio | Ceramica/Grafite/NBR<br>Silicio/Silicio/NBR |

APPLICATION

Submersible drainage pumps with closed single-blade impeller, which allows free passage of suspended parts and high performance. Suitable in civil and industrial water systems, for cesspool drainage with dirty and muddy liquids and for waters not cleaned by grid.

OPERATING CONDITIONS

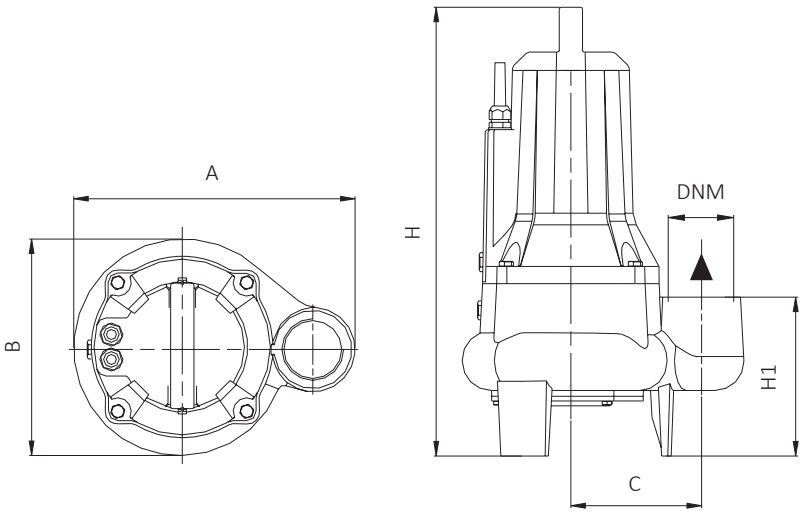
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt. (for home use according to EN 60335-2-41)
- Min. suction level 75 mm
- Continuous duty

MOTOR

- 2 pole induction motor in oil bath
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

MATERIALS

- |                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |

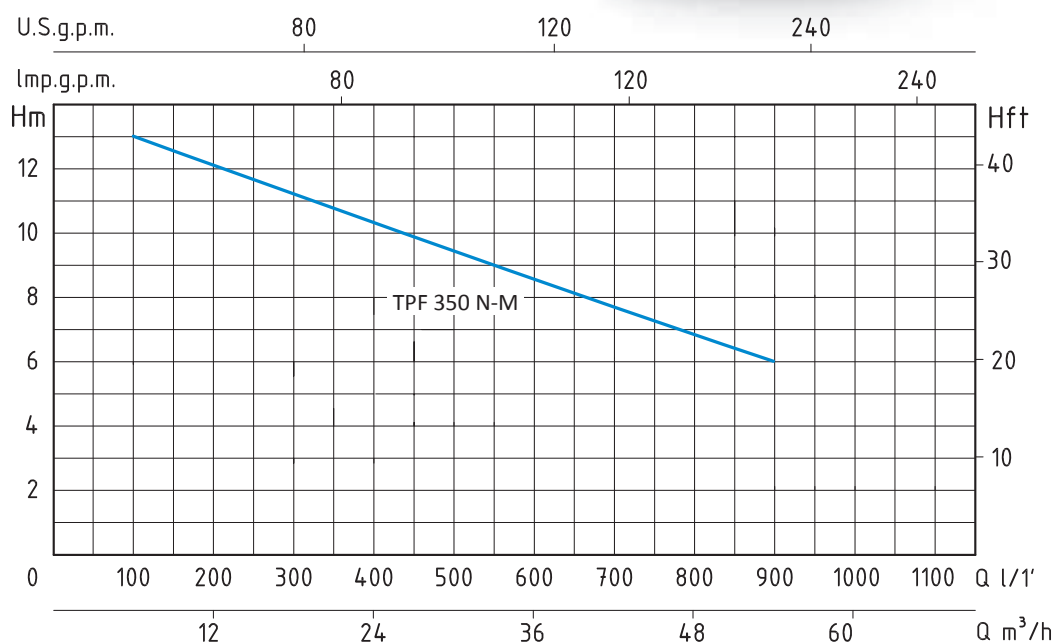


| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |       |                | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-------|----------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | H   | H1  | DNM   | CAVO<br>CABLE  | P                              | L   | H   | Kg             |
| TPP 300 N-M              | TPPt 300 N-M           | 339                          | 250 | 160 | 562 | 203 | 2"1/2 | 10 mt H07RN8-F | 285                            | 380 | 702 | 58,5           |



ELETTROPOMPE SOMMERSE  
CON GIRANTE MONOCANALE IN GHISA

SUBMERSIBLE PUMPS WITH CAST IRON  
SINGLE-BLADE IMPELLER



## TPF-M - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY                                              |     |     |      |      |     |     |     |     |     |
|------------------------|-----------------------------------------|-----|----------------------------------------|------------------------|--------------------------------------------------------------------|-----|-----|------|------|-----|-----|-----|-----|-----|
| Trifase<br>Three-phase | P2                                      |     | P1                                     | Trifase<br>Three-phase | m³/h                                                               | 6   | 12  | 18   | 24   | 30  | 36  | 42  | 48  | 54  |
|                        | HP                                      | kW  | kW                                     |                        | lt/1'                                                              | 100 | 200 | 300  | 400  | 500 | 600 | 700 | 800 | 900 |
|                        |                                         |     |                                        |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |      |      |     |     |     |     |     |
| TPF 350 N-M            | 3,5                                     | 2,5 | 3,5                                    | 6                      | H (m)                                                              | 13  | 12  | 11,5 | 10,5 | 9,5 | 8,5 | 7,5 | 7   | 6   |

APPLICAZIONI

Elettropompe per drenaggio con girante tipo monocanale chiusa che assicura ampi passaggi liberi ed elevate prestazioni. Adatta per la movimentazione di liquidi fognari e biologici carichi, fanghi attivi e per liquidi non depurati da griglie, per scarichi di origine civile ed industriali.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d’immersione 10 mt. (per un uso domestico secondo EN 60335-2-41)
- Livello min. d’aspirazione 90 mm
- Servizio continuo

MOTORE

- Motore 2 poli a induzione in bagno d’olio
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Corpo motore
- Corpo pompa
- Girante
- Albero motore
- Doppia tenuta meccanica in camera d’olio

Ghisa  
Ghisa  
Ghisa  
Acciaio Inox AISI 304  
  
Ceramica/Grafite/NBR  
Silicio/Silicio/NBR

APPLICATION

Submersible drainage pumps with closed single-blade impeller, which allows free passage of suspended parts and high performance. Suitable in civil and industrial water systems, for cesspool drainage with dirty and muddy liquids and for waters not cleaned by grid.

OPERATING CONDITIONS

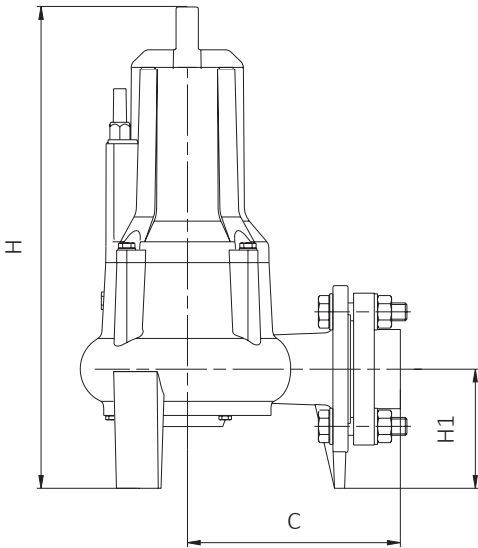
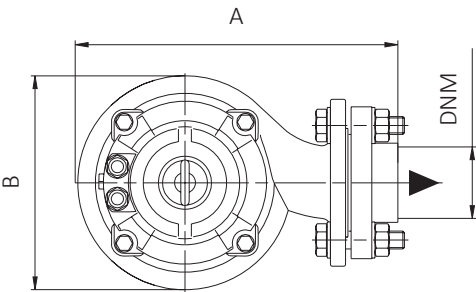
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt. (for home use according to EN 60335-2-41)
- Min. suction level 90 mm
- Continuous duty

MOTOR

- 2 pole induction motor in oil bath
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68

MATERIALS

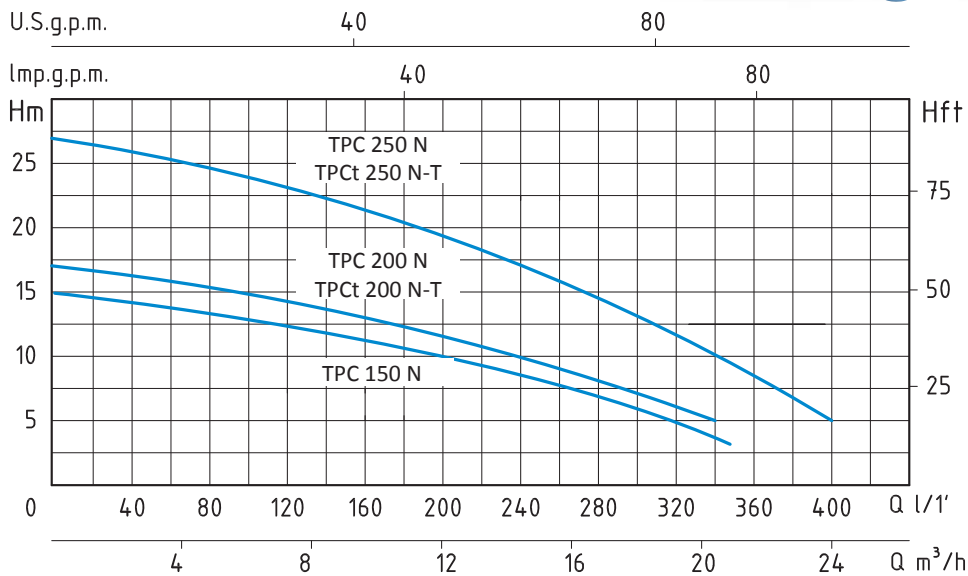
- Motor body
  - Pump body
  - Impeller
  - Shaft with rotor
  - Double mechanical seal in oil chamber
- Cast Iron  
Cast Iron  
Cast Iron  
Stainless Steel AISI 304  
  
Ceramic/Graphite/NBR  
Silicon/Silicon/NBR



| TIPO<br>TYPE           | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |                | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|------------------------|------------------------------|-----|-----|-----|-----|-----|----------------|--------------------------------|-----|-----|----------------|
|                        | A                            | B   | C   | H   | H1  | DNM | CAVO<br>CABLE  | P                              | L   | H   |                |
| Trifase<br>Three-phase |                              |     |     |     |     |     |                |                                |     |     | Kg             |
| TPF 350 N-M            | 358                          | 256 | 229 | 593 | 143 | 3"  | 10 mt H07RN8-F | 285                            | 380 | 702 | 63             |

ELETTROPOMPE SOMMERSE  
CON TRITURATORE

CUTTING SUBMERSIBLE PUMPS



TPC - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |    |      |     |     |     |     |     |     |     |
|--------------------------|------------------------|---------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|----|------|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0  | 3    | 6   | 9   | 12  | 15  | 18  | 21  | 24  |
|                          |                        | HP                                                                  | kW   | kW                                     |                          |                        | lt/1'                 | 0  | 50   | 100 | 150 | 200 | 250 | 300 | 350 | 400 |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                          |                        |                       |    |      |     |     |     |     |     |     |     |
| TPC 150 N                |                        | 1,5                                                                 | 1,1  | 1,7                                    | 7,4                      |                        | H<br>(m)              | 15 | 14,5 | 14  | 12  | 10  | 8   | 6   | 3   |     |
| TPC 200 N                | TPCt 200 N-T           | 2                                                                   | 1,5  | 2                                      | 8,6                      | 3,8                    |                       | 17 | 16   | 15  | 14  | 11  | 9   | 7   | 5   |     |
| TPC 250 N                | TPCt 250 N-T           | 2,5                                                                 | 1,85 | 2,7                                    | 11,5                     | 4,8                    |                       | 27 | 26   | 25  | 22  | 19  | 16  | 10  | 9   | 5   |

## APPLICAZIONI

La serie Cutty è caratterizzata da una elettropompa con girante immersa di tipo multicanale aperta con sistema di triturazione in aspirazione. Particolarmente indicata in presenza di lunghe fibre filamentose o fibrose, di corpi solidi distrutibili anche di grandi dimensioni, nel trattamento di liquidi biologici e di acque di origine civile.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Livello min. d'aspirazione 80 mm
- Servizio continuo

## MOTORE

- Motore 2 poli a induzione in bagno d'olio
- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

## MATERIALI

- Corpo motore Ghisa
- Corpo pompa Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Trituratore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d'olio
- Ceramica/Grafite/NBR
- Silicio/Silicio/NBR

## APPLICATION

The Cutty series comprehend electric pump with plunged impeller, this impeller is multi-pipe, open, with a cutting system in the suction. It is particularly suitable in presence of long, filamentous or fibrous fibres, of destroyable solids also of big dimensions and in biologic liquids or in civil waters.

## OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Min. suction level 80 mm
- Continuous duty

## MOTOR

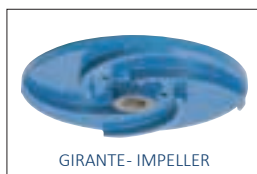
- 2 pole induction motor in oil bath
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

## MATERIALS

- Motor body Cast Iron
- Pump body Cast Iron
- Impeller Cast Iron
- Shaft with rotor Stainless Steel AISI 304
- Cutting Stainless Steel AISI 304
- Double mechanical seal in oil chamber
- Ceramic/Graphite/NBR
- Silicon/Silicon/NBR



TRITURATORE - CUTTING

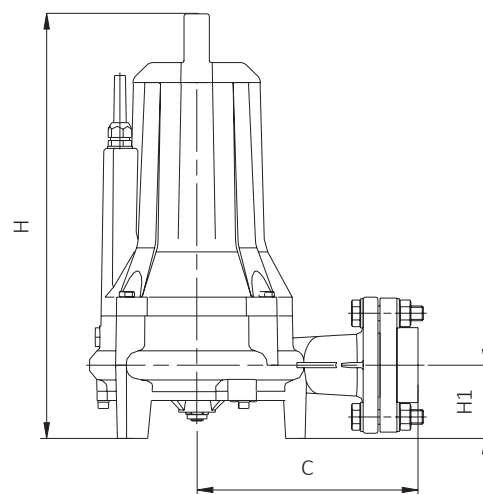
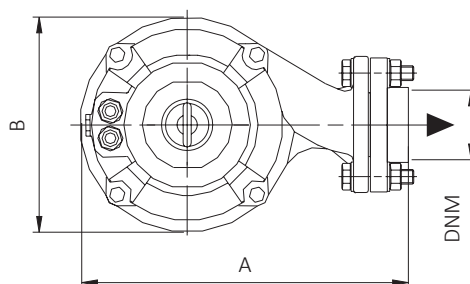


GIRANTE - IMPELLER



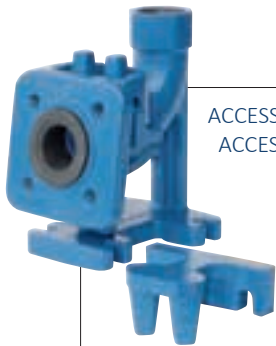
ACCESSORIO  
ACCESSORY

VEDI SCHEMA  
SEE SCHEME pag. 222



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |     |     |     |    |     |                | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|-----|-----|-----|----|-----|----------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B   | C   | H   | H1 | DNM | CAVO<br>CABLE  | P                              | L   | H   | Kg             |
| TPC 150 N                |                        | 300                           | 206 | 200 | 446 | 72 | 1"½ | 10 mt H07RN8-F | 280                            | 350 | 585 | 40,8           |
| TPC 200 N                | TPCt 200 N-T           | 300                           | 206 | 200 | 446 | 72 | 1"½ | 10 mt H07RN8-F | 280                            | 350 | 585 | 41,7           |
| TPC 250 N                | TPCt 250 N-T           | 305                           | 206 | 200 | 468 | 72 | 1"½ | 10 mt H07RN8-F | 280                            | 350 | 585 | 47,9           |

ELETTROPOMPE SOMMERSE CON TRITURATORE  
CUTTING SUBMERSIBLE PUMPS



ACCESSORIO  
ACCESSORY

1"½ 150- 200- 300  
2" 500- 750

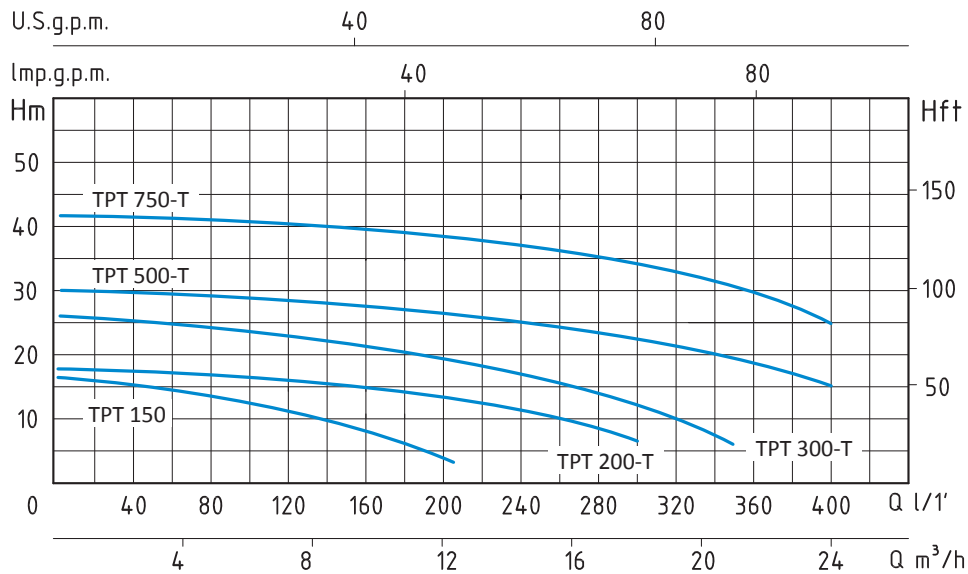
VEDI SCHEMA  
SEE SCHEME pag. 222-223



INCLUSO NEL  
MODELLO  
MONOFASE  
INCLUDED  
IN THE  
SINGLE-PHASE  
MODEL



INCLUSO NEI MODELLI  
MONOFASE  
INCLUDED IN THE  
SINGLE-PHASE MODELS



TPT - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |     | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |     |      |      |     |     |     |     |
|--------------------------|------------------------|---------------------------------------------------------------------|-----|--------------------------|------------------------|-----------------------|------|------|------|-----|------|------|-----|-----|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                  |     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 0    | 3    | 6    | 9   | 12   | 15   | 18  | 21  | 24  | 27  |
|                          |                        | HP                                                                  | kW  |                          |                        | lt/1'                 | 0    | 50   | 100  | 150 | 200  | 250  | 300 | 350 | 400 | 450 |
|                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                          |                        |                       |      |      |      |     |      |      |     |     |     |     |
| TPT 150                  |                        | 1,5                                                                 | 1,1 | 6,5                      |                        | H<br>(m)              | 17   | 15   | 12   | 9   | 5    |      |     |     |     |     |
|                          | TPT 200-T              | 2                                                                   | 1,5 |                          | 3,7                    |                       | 18   | 17   | 16   | 15  | 13   | 10,5 | 7   |     |     |     |
|                          | TPT 300-T              | 3                                                                   | 2,2 |                          | 5,2                    |                       | 26,5 | 25,5 | 24,5 | 23  | 21   | 18   | 14  | 6   |     |     |
|                          | TPT 500-T              | 5                                                                   | 3,7 |                          | 8                      |                       | 30   | 29   | 28   | 27  | 25,8 | 24   | 22  | 19  | 15  | 9   |
|                          | TPT 750-T              | 7,5                                                                 | 5,5 |                          | 11                     |                       | 42   | 41,4 | 41   | 40  | 39   | 38   | 36  | 33  | 25  | 10  |
|                          |                        |                                                                     |     |                          |                        |                       |      |      |      |     |      |      |     |     |     |     |

APPLICAZIONI

Elettropompa con girante immersa di tipo multicanale aperta con sistema di triturazione in aspirazione.  
Particolarmente indicata in presenza di lunghe fibre filamento-se o fibrose, di corpi solidi distrutibili anche di grandi dimensioni, nel trattamento di liquidi biologici e di acque di origine civile.

LIMITI D’IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 40°C (per altri impieghi)
- Massima profondità d’immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- Livello min. d’aspirazione 125 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz (con galleggiante)
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico
- Condensatore esterno (TPT 150)

MATERIALI

- Corpo motore
- Corpo pompa
- Girante
- Albero motore
- Trituratore
- Doppia tenuta meccanica in camera d’olio

Ghisa  
Ghisa  
Ghisa  
Acciaio Inox AISI 304  
Acciaio Inox AISI 304

Ceramica/Grafite/NBR  
Silicio/Silicio/NBR

APPLICATION

Electric pump with plunged impeller, this impeller is multi-pipe, open, with a cutting system in the suction.  
It is particularly suitable in presence of long, filamentous or fibrous fibres, of destroyable solids also of big dimensions and in biologic liquids or in civil waters.

OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 40°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Min. suction level 125 mm
- Continuous duty

MOTOR

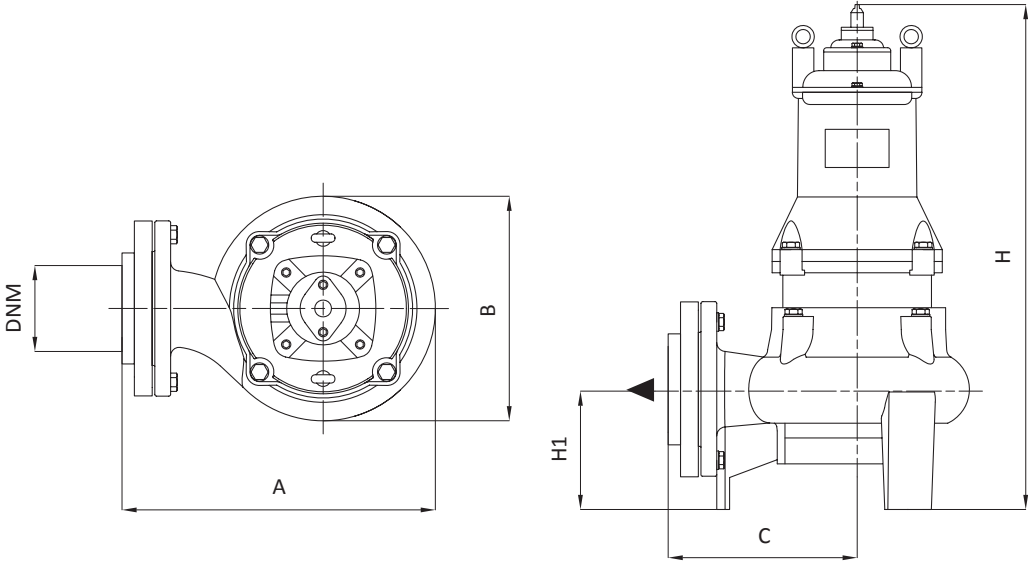
- Single-phase 230V-50Hz (with floater)
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection
- External capacitor (TPT 150)

MATERIALS

- Motor body
- Pump body
- Impeller
- Shaft with rotor
- Cutting
- Double mechanical seal in oil chamber

Cast Iron  
Cast Iron  
Cast Iron  
Stainless Steel AISI 304  
Stainless Steel AISI 304

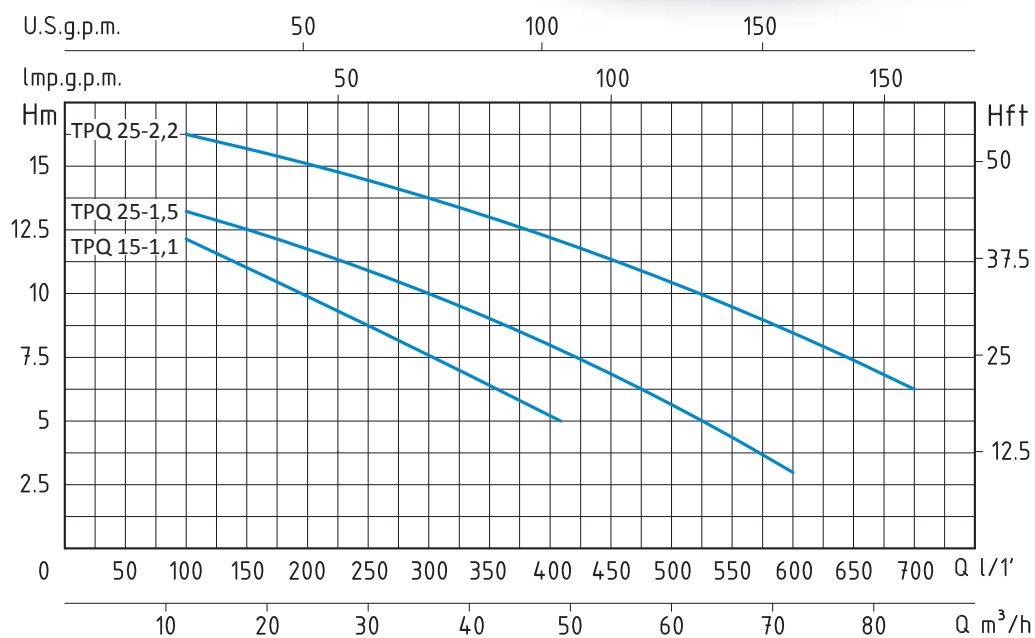
Ceramic/Graphite/NBR  
Silicon/Silicon/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|---------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | H   | H1  | DNM | CAVO<br>CABLE | P                              | L   | H   | Kg             |
| TPT 150                  |                        | 212                          | 165 | 130 | 495 | 85  | 1"½ | 10 mt H07RNF  | 235                            | 220 | 535 | 32             |
|                          | TPT 200-T              | 245                          | 200 | 150 | 525 | 90  | 1"½ | 10 mt H07RNF  | 240                            | 285 | 630 | 38             |
|                          | TPT 300-T              | 245                          | 200 | 150 | 545 | 90  | 1"½ | 10 mt H07RNF  | 240                            | 285 | 630 | 43             |
|                          | TPT 500-T              | 255                          | 205 | 155 | 610 | 100 | 2"  | 10 mt H07RNF  | 260                            | 305 | 720 | 56             |
|                          | TPT 750-T              | 270                          | 220 | 160 | 635 | 100 | 2"  | 10 mt H07RNF  | 280                            | 315 | 750 | 70             |



## ELETTROPOMPE SOMMERSE ACQUE LURIDE SUBMERSIBLE SEWAGE PUMPS



### TPQ - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY |      |          |     |      |      |     |     |      |      |     |     |     |     |
|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|------------------------|-----------------------|------|----------|-----|------|------|-----|-----|------|------|-----|-----|-----|-----|
| Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Trifase<br>Three-phase | m³/h                  | 6    | 9        | 12  | 15   | 18   | 21  | 24  | 27   | 30   | 33  | 36  | 39  | 42  |
|                        | HP                                                                 | kW  | kW                                     |                        | lt/1'                 | 100  | 150      | 200 | 250  | 300  | 350 | 400 | 450  | 500  | 550 | 600 | 650 | 700 |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                        |                       |      |          |     |      |      |     |     |      |      |     |     |     |     |
|                        | TPQ 15-1,1                                                         | 1,5 | 1,1                                    |                        | 1,3                   | 2,3  | H<br>(m) | 12  | 11   | 10   | 8   | 7,5 | 6    | 5,2  |     |     |     |     |
| TPQ 25-1,5             | 2                                                                  | 1,5 | 1,75                                   | 3,2                    | 13                    | 12,5 |          | 12  | 11   | 10   | 9,3 | 7,8 | 7    | 6    | 4   | 3   |     |     |
| TPQ 25-2,2             | 3                                                                  | 2,2 | 2,6                                    | 5                      | 16                    | 15,6 |          | 15  | 14,5 | 13,7 | 13  | 12  | 11,5 | 10,2 | 9,6 | 8,5 | 7,5 | 6   |

APPLICAZIONI

Le elettropompe della serie SQ, grazie ai numerosi accorgimenti applicati, costituiscono la soluzione ai problemi di convogliamento di acque di pubblico esercizio, di liquidi provenienti da depuratori, da impianti fognari, da allevamenti zootecnici, da macelli e salumifici, da fonderie, dal settore agricolo e per l'irrigazione. Applicabili nell'industri ittica, cartaria, nell'impiantistica civile residenziale, a contatto con fanghi industriali di bassa o media densità.  
Elettropompe con girante monocanale aperta che offre ampi passaggi liberi ed ottimi rendimenti.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 10 mt. (per un uso domestico secondo EN 60335-2-41)
- PH liquido da 4 a 10
- Servizio continuo a pompa completamente sommersa
- Densità liquido 1,2 Kg/dm³

MOTORE

- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Corpo motore Ghisa
- Corpo pompa Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d'olio Ceramica/Grafite/NBR
- Silicio/Silicio/NBR



APPLICATION

Thanks to their important features, SQ pumps are the ideal solution for the carriage of waters coming from cleaners, sewing systems, zootechnic farms, slaughter-houses, foundries and for irrigation in agricultural field. Applicable in fishing industry, paper mills and in civil and industrial plants. The pumps adopt open single-blade impeller which allows free passage of suspended parts and high performance.

OPERATING CONDITIONS

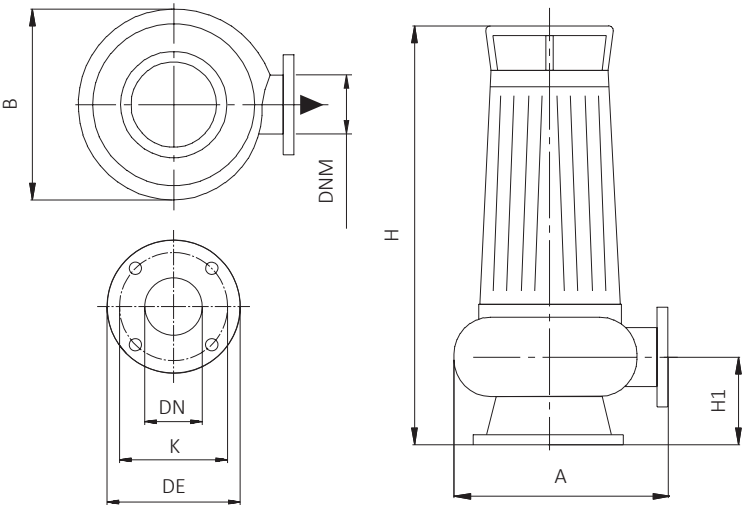
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt. (for home use according to EN 60335-2-41)
- Liquid PH from 4 to 10
- Continuous duty with completely submersed pump
- Liquid density 1,2 Kg/dm³

MOTOR

- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68

MATERIALS

- Motor body Cast iron
- Pump body Cast iron
- Impeller Cast iron
- Shaft with rotor Stainless steel AISI 304
- Double mechanical seal in oil chamber Ceramic/Graphite/NBR
- Silicon/Silicon/NBR

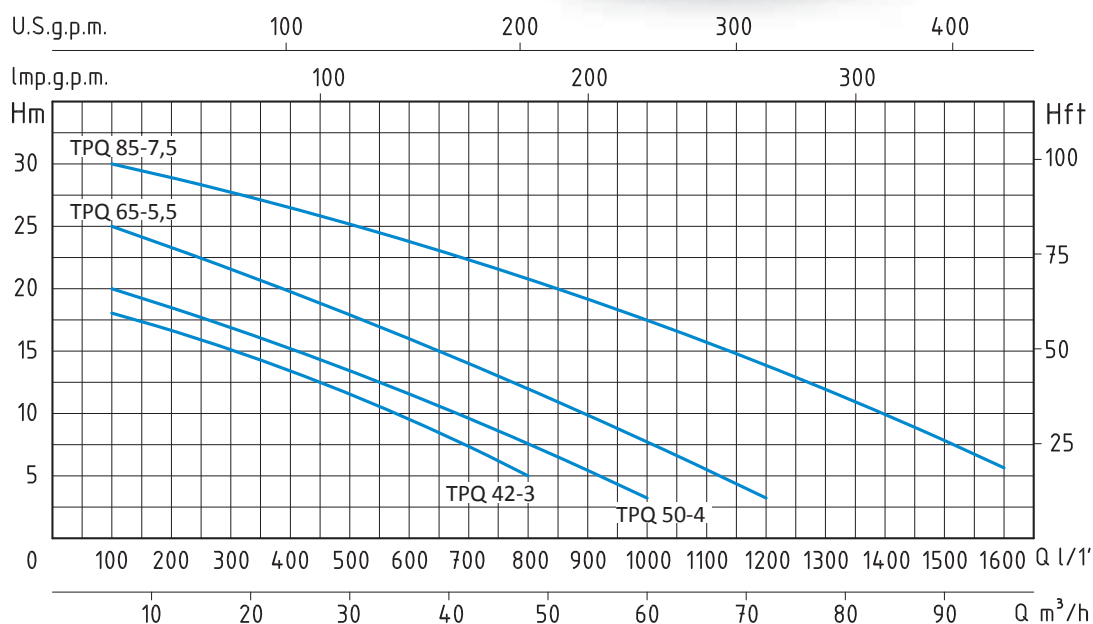


| TIPO - TYPE            | DIMENSIONI mm - DIMENSIONS mm |     |     |             |    |                   |
|------------------------|-------------------------------|-----|-----|-------------|----|-------------------|
|                        | DN                            | DE  | K   | Fori- Holes |    | Flange<br>Flanges |
|                        |                               |     |     | n°          | Ø  |                   |
| Trifase<br>Three-phase |                               |     |     |             |    |                   |
| TPQ 15-1,1             | 50                            | 140 | 110 | 4           | 14 | 2"                |
| TPQ 25-1,5             | 50                            | 140 | 110 | 4           | 14 | 2" ½              |
| TPQ 25-2,2             | 50                            | 140 | 110 | 4           | 14 | 2" ½              |

| TIPO<br>TYPE           | DIMENSIONI mm - DIMENSIONS mm |     |     |     |      |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|------------------------|-------------------------------|-----|-----|-----|------|---------------|--------------------------------|-----|-----|----------------|
|                        | A                             | B   | H   | H1  | DNM  | CAVO<br>CABLE | P                              | L   | H   |                |
| Trifase<br>Three-phase |                               |     |     |     |      |               |                                |     |     | Kg             |
| TPQ 15-1,1             | 210                           | 200 | 470 | 100 | 2"   | 10 mt H07RNF  | 270                            | 350 | 580 | 32,7           |
| TPQ 25-1,5             | 270                           | 230 | 500 | 100 | 2" ½ | 10 mt H07RNF  | 270                            | 350 | 580 | 40,1           |
| TPQ 25-2,2             | 270                           | 230 | 520 | 100 | 2" ½ | 10 mt H07RNF  | 270                            | 350 | 580 | 42,8           |



## ELETTROPOMPE SOMMERSE ACQUE LURIDE SUBMERSIBLE SEWAGE PUMPS



### TPQ - 50 HZ - 3 PHASE

| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY |     |      |      |      |     |     |      |      |      |      |
|------------------------|--------------------------------------------------------------------|-----|----------------------------------------|------------------------|-----------------------|-----|------|------|------|-----|-----|------|------|------|------|
| Trifase<br>Three-phase | P2                                                                 |     | P1                                     | Trifase<br>Three-phase | m³/h                  | 6   | 12   | 18   | 24   | 36  | 48  | 60   | 72   | 84   | 96   |
|                        | HP                                                                 | kW  | kW                                     |                        | lt/1'                 | 100 | 200  | 300  | 400  | 600 | 800 | 1000 | 1200 | 1400 | 1600 |
|                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                                        |                        |                       |     |      |      |      |     |     |      |      |      |      |
| TPQ 42-3               | 4                                                                  | 3   | 3,4                                    | 6,5                    | H<br>(m)              | 18  | 17   | 15   | 13   | 9,5 | 5   |      |      |      |      |
| TPQ 50-4               | 5,5                                                                | 4   | 4,5                                    | 8,7                    |                       | 20  | 17,8 | 17   | 15   | 12  | 7,5 | 3    |      |      |      |
| TPQ 65-5,5             | 7,5                                                                | 5,5 | 6,2                                    | 10                     |                       | 25  | 23   | 21,5 | 20   | 16  | 12  | 7,5  | 3    |      |      |
| TPQ 85-7,5             | 10                                                                 | 7,5 | 8,5                                    | 13,5                   |                       | 30  | 28,5 | 27,5 | 26,5 | 24  | 21  | 17,5 | 13   | 10   | 6    |

### APPLICAZIONI

Le elettropompe della serie SQ, grazie ai numerosi accorgimenti applicati, costituiscono la soluzione ai problemi di convogliamento di acque di pubblico esercizio, di liquidi provenienti da depuratori, da impianti fognari, da allevamenti zootecnici, da macelli e salumifici, da fonderie, dal settore agricolo e per l'irrigazione. Applicabili nell'industria ittica, cartaria, nell'impiantistica civile residenziale, a contatto con fanghi industriali di bassa o media densità. Elettropompe con girante monocanale aperta che offre ampi passaggi liberi ed ottimi rendimenti.

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- PH liquido da 4 a 10
- Servizio continuo a pompa completamente sommersa
- Densità liquido 1,2 Kg/dm<sup>3</sup>

### MOTORE

- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68

### MATERIALI

- Corpo motore Ghisa
- Corpo pompa Ghisa
- Girante Ghisa
- Albero motore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d'olio Ceramica/Grafite  
Silicio/Silicio



### APPLICATION

Thanks to their important features, SQ pumps are the ideal solution for the carriage of waters coming from cleaners, sewing systems, zootechnic farms, slaughter-houses, foundries and for irrigation in agricultural field. Applicable in fishing industry, paper mills and in civil and industrial plants. The pumps adopt open single-blade impeller which allows free passage of suspended parts and high performance.

### OPERATING CONDITIONS

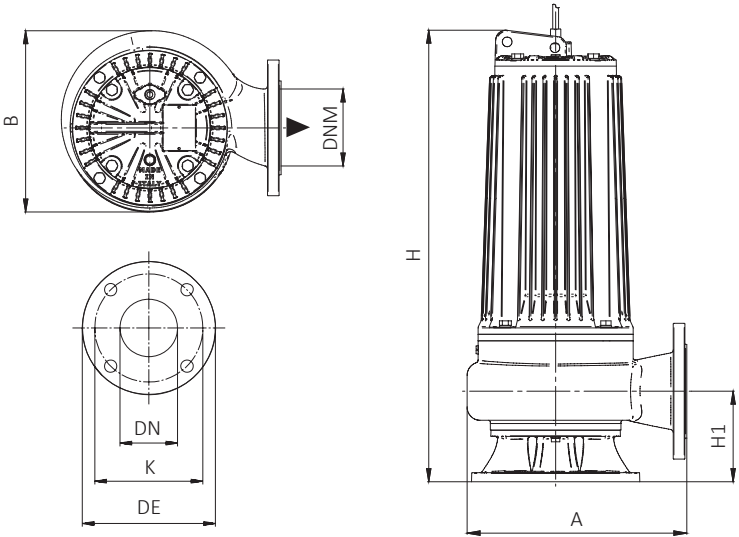
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Liquid PH from 4 to 10
- Continuous duty with completely submersed pump
- Liquid density 1,2 Kg/dm<sup>3</sup>

### MOTOR

- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68

### MATERIALS

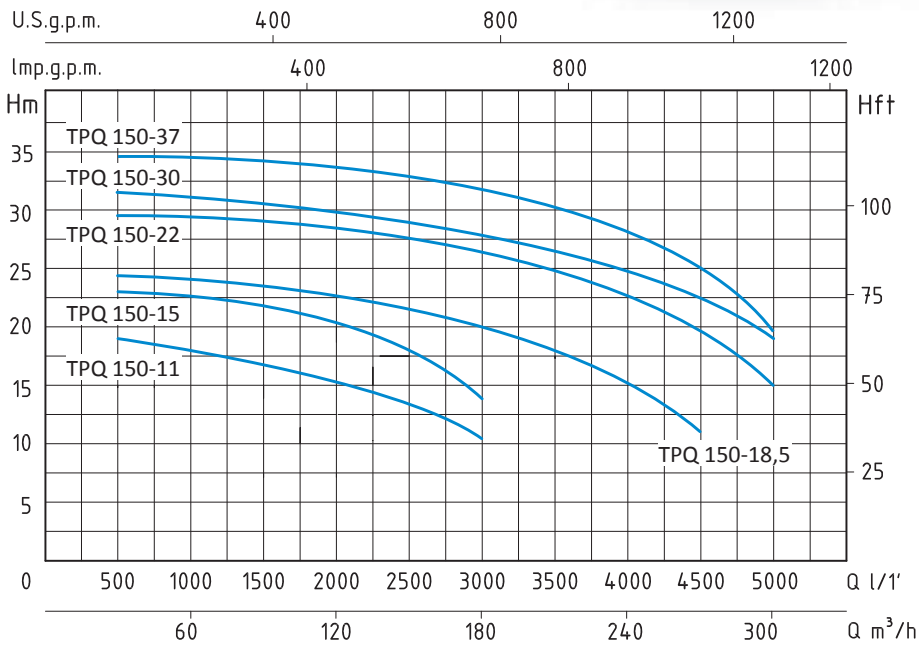
- Motor body Cast iron
- Pump body Cast iron
- Impeller Cast iron
- Shaft with rotor Stainless steel AISI 304
- Double mechanical seal in oil chamber Ceramic/Graphite  
Silicon/Silicon



| TIPO - TYPE            | DIMENSIONI mm - DIMENSIONS mm |     |     |             |    |                   |
|------------------------|-------------------------------|-----|-----|-------------|----|-------------------|
| Trifase<br>Three-phase | DN                            | DE  | K   | Fori- Holes |    | Flange<br>Flanges |
|                        |                               |     |     | n°          | Ø  |                   |
| TPQ 42-3               | 80                            | 190 | 150 | 4           | 19 | 3"                |
| TPQ 50-4               | 80                            | 190 | 150 | 4           | 19 | 3"                |
| TPQ 65-5,5             | 100                           | 210 | 170 | 4           | 19 | 4"                |
| TPQ 85-7,5             | 100                           | 210 | 170 | 4           | 19 | 4"                |

| TIPO<br>TYPE           | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|------------------------|-------------------------------|-----|-----|-----|-----|---------------|--------------------------------|-----|-----|----------------|
| Trifase<br>Three-phase | A                             | B   | H   | H1  | DNM | CAVO<br>CABLE | P                              | L   | H   | Kg             |
|                        |                               |     |     |     |     |               |                                |     |     |                |
| TPQ 42-3               | 310                           | 270 | 564 | 125 | 3"  | 10 mt H07RNF  | 320                            | 765 | 395 | 69,2           |
| TPQ 50-4               | 310                           | 270 | 584 | 125 | 3"  | 10 mt H07RNF  | 320                            | 765 | 395 | 74,2           |
| TPQ 65-5,5             | 330                           | 280 | 670 | 130 | 4"  | 10 mt H07RNF  | 368                            | 797 | 415 | 101,5          |
| TPQ 85-7,5             | 330                           | 280 | 700 | 130 | 4"  | 10 mt H07RNF  | 368                            | 797 | 415 | 107,5          |

ELETTROPOMPE SOMMERSE ACQUE LURIDE  
SUBMERSIBLE SEWAGE PUMPS



| TPQ - 50 HZ - 3 PHASE  |                                                                     |      |                                        |                        |                       |      |      |      |      |      |      |      |      |      |      |
|------------------------|---------------------------------------------------------------------|------|----------------------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|------|------|
| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                             |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |      |      |
| Trifase<br>Three-phase | P2                                                                  |      | P1                                     | Trifase<br>Three-phase | m³/h                  | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  |
|                        | HP                                                                  | kW   | kW                                     |                        | lt/1'                 | 500  | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 |
|                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                                        |                        |                       |      |      |      |      |      |      |      |      |      |      |
| TPQ 150-11             | 15                                                                  | 11   | 13                                     | 25                     | H<br>(m)              | 18   | 17,5 | 17   | 15,5 | 13,5 | 10,5 |      |      |      |      |
| TPQ 150-15             | 20                                                                  | 15   | 16                                     | 31                     |                       | 23,5 | 23   | 22,2 | 21   | 18,3 | 14   |      |      |      |      |
| TPQ 150-18,5           | 25                                                                  | 18,5 | 22                                     | 43                     |                       | 24   | 23,8 | 23,5 | 22,6 | 20,5 | 20   | 17,9 | 15   | 11,5 |      |
| TPQ 150-22             | 30                                                                  | 22   | 27                                     | 45                     |                       | 29,5 | 29,1 | 28,1 | 28,5 | 27,5 | 26,2 | 24,3 | 22   | 17,5 | 15   |
| TPQ 150-30             | 40                                                                  | 30   | 37                                     | 56                     |                       | 31,8 | 31   | 30,5 | 29,5 | 28,5 | 27   | 25,5 | 23,4 | 20   | 17   |
| TPQ 150-37             | 50                                                                  | 37   | 46                                     | 68                     |                       | 34,9 | 34,7 | 34,5 | 33,8 | 32,8 | 31,3 | 29,3 | 26,5 | 23,1 | 19   |

APPLICAZIONI

Le elettropompe della serie SQ, grazie ai numerosi accorgimenti applicati, costituiscono la soluzione ai problemi di convogliamento di acque di pubblico esercizio, di liquidi provenienti da depuratori, da impianti fognari, da allevamenti zootecnici, da macelli e salumifici, da fonderie, dal settore agricolo e per l'irrigazione. Applicabili nell'industri ittica, cartaria, nell'impiantistica civile residenziale, a contatto con fanghi industriali di bassa o media densità.  
Elettropompe con girante monocanale aperta che offre ampi passaggi liberi ed ottimi rendimenti.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 10 mt.  
(per un uso domestico secondo EN 60335-2-41)
- PH liquido da 4 a 10
- Servizio continuo a pompa completamente sommersa
- Densità liquido 1,2 Kg/dm<sup>3</sup>

MOTORE

- Trifase 400/690V-50Hz
- Motore elettrico ad induzione a 4 poli (n = 1450 min<sup>-1</sup>)
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- |                                            |                                          |
|--------------------------------------------|------------------------------------------|
| - Corpo motore                             | Ghisa                                    |
| - Corpo pompa                              | Ghisa                                    |
| - Girante                                  | Ghisa                                    |
| - Albero motore                            | Acciaio Inox AISI 304                    |
| - Doppia tenuta meccanica in camera d'olio | Silicio/Silicio<br>Silicio/Silicio/Viton |

APPLICATION

Thanks to their important features, SQ pumps are the ideal solution for the carriage of waters coming from cleaners, sewing systems, zootechnic farms, slaughter-houses, foundries and for irrigation in agricultural field. Applicable in fishing industry, paper mills and in civil and industrial plants. The pumps adopt open single-blade impeller which allows free passage of suspended parts and high performance.

OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 10 mt.  
(for home use according to EN 60335-2-41)
- Liquid PH from 4 to 10
- Continuous duty with completely submersed pump
- Liquid density 1,2 Kg/dm<sup>3</sup>

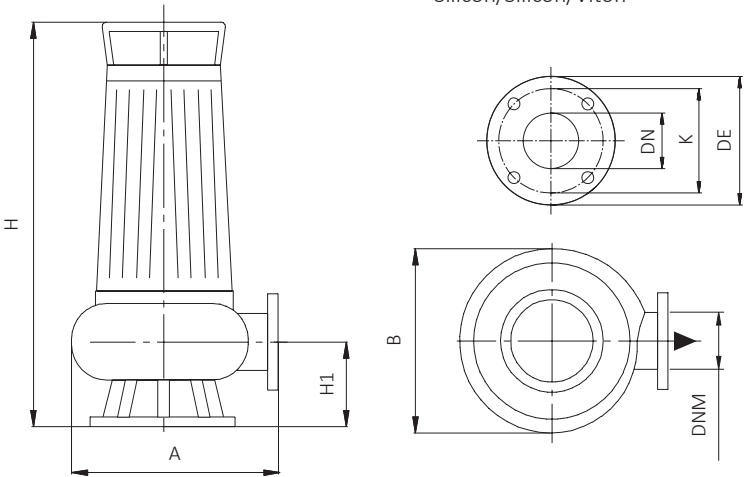
MOTOR

- Trifase 400/690V-50Hz
- Four-Pole induction motor (n = 1450 min<sup>-1</sup>)
- Insulation Class F
- Protection IP 68

MATERIALS

- |                                         |                                          |
|-----------------------------------------|------------------------------------------|
| - Motor body                            | Cast iron                                |
| - Pump body                             | Cast iron                                |
| - Impeller                              | Cast iron                                |
| - Shaft with rotor                      | Stainless steel AISI 304                 |
| - Double mechanical seal in oil chamber | Silicon/Silicon<br>Silicon/Silicon/Viton |

| TIPO- TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |     |             |    |                   |
|------------------------|------------------------------|-----|-----|-------------|----|-------------------|
| Trifase<br>Three-phase | DN                           | DE  | K   | Fori- Holes |    | Flange<br>Flanges |
|                        |                              |     |     | n°          | Ø  |                   |
| TPQ 150                | 150                          | 265 | 225 | 8           | 18 | 6"                |



| TIPO<br>TYPE         | DIMENSIONI mm- DIMENSIONS mm |     |      |     |     |             | DIMENSIONI<br>DIMENSIONS<br>mm |     |      | PESO<br>WEIGHT |
|----------------------|------------------------------|-----|------|-----|-----|-------------|--------------------------------|-----|------|----------------|
| Trifase- Three-phase | A                            | B   | H    | H1  | DNM | CAVO- CABLE | P                              | L   | H    | Kg             |
|                      |                              |     |      |     |     |             |                                |     |      |                |
| TPQ 150-11           | 620                          | 450 | 1050 | 240 | 6"  | 10 mt       | 500                            | 650 | 1145 | 260            |
| TPQ 150-15           | 620                          | 462 | 1050 | 240 | 6"  | 10 mt       | 500                            | 650 | 1145 | 270            |
| TPQ 150-18,5         | 620                          | 550 | 1080 | 240 | 6"  | 10 mt       | 600                            | 650 | 1345 | 335            |
| TPQ 150-22           | 620                          | 564 | 1080 | 240 | 6"  | 10 mt       | 600                            | 650 | 1345 | 345            |
| TPQ 150-30           | 600                          | 545 | 1250 | 290 | 6"  | 10 mt       | 600                            | 700 | 1400 | 485            |
| TPQ 150-37           | 600                          | 545 | 1250 | 290 | 6"  | 10 mt       | 600                            | 700 | 1400 | 545            |



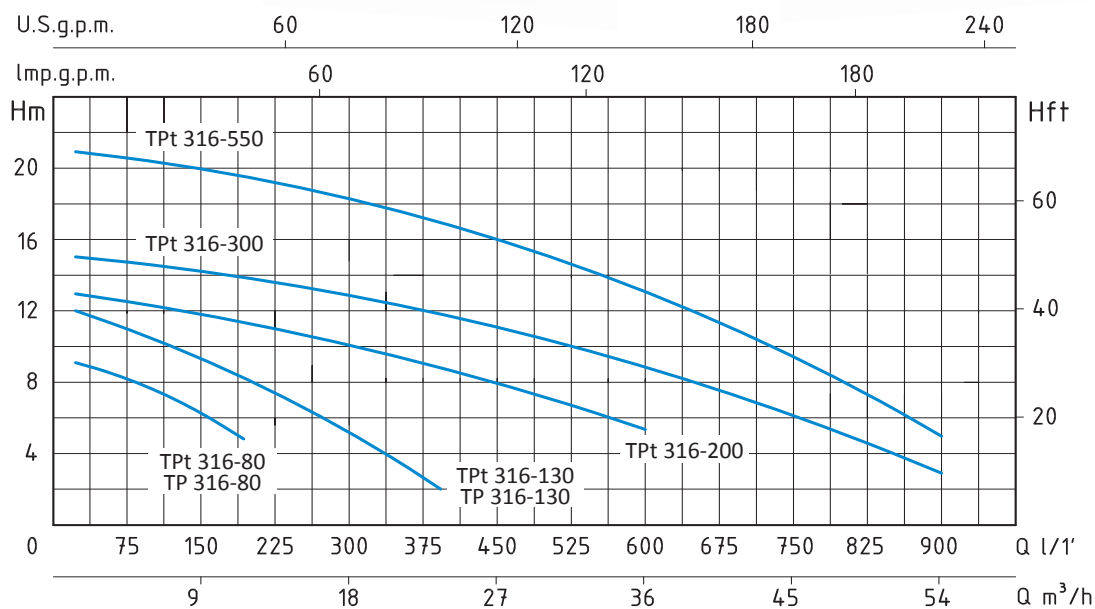
## ELETTROPOMPE SOMMERSE INOX PER ACQUE LURIDE INOX SUBMERSIBLE SEWAGE PUMPS



130



550



### TP 316 - 50 HZ - 1 PHASE / 3 PHASE

| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |     | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |     |     |
|--------------------------|------------------------|--------------------------------------------------------------------|-----|--------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|-----|-----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                                                 |     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 1,5  | 3    | 6    | 8    | 9    | 12   | 24   | 36   | 48  | 54  |
|                          |                        | HP                                                                 | kW  |                          |                        | lt/1'                 | 25   | 50   | 100  | 133  | 150  | 200  | 400  | 600  | 800 | 900 |
|                          |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                          |                        |                       |      |      |      |      |      |      |      |      |     |     |
| TP 316-80                | TPt 316-80             | 0,8                                                                | 0,6 | 3                        | 1                      | H<br>(m)              | 9,2  | 8,5  | 7,3  | 6,3  | 6,1  | 5    |      |      |     |     |
| TP 316-130               | TPt 316-130            | 1,3                                                                | 1   | 4,8                      | 1,9                    |                       | 12   | 11,7 | 10,5 | 9,7  | 9,2  | 8    | 2    |      |     |     |
|                          | TPt 316-200            | 2                                                                  | 1,5 |                          | 3,5                    |                       | 12,5 | 11,9 | 11,4 | 11,1 | 10,9 | 10,5 | 9    | 5,4  |     |     |
|                          | TPt 316-300            | 3                                                                  | 2,2 |                          | 5,5                    |                       | 15,7 | 15,4 | 15   | 14,6 | 14,4 | 14,2 | 13   | 9    | 5   | 3   |
|                          | TPt 316-550            | 5,5                                                                | 4   |                          | 12,2                   |                       | 21   | 20,5 | 20   | 19,8 | 19,6 | 19   | 16,8 | 13,8 | 8   | 5   |

APPLICAZIONI

Elettropompe per drenaggio con girante in acciaio inox che assicura ampi passaggi liberi ed elevate prestazioni. Adatta per la movimentazione di liquidi fognari e biologici carichi, fanghi attivi e per liquidi non depurati da griglie, per scarichi di origine civile ed industriali e per liquidi particolarmente aggressivi, salini e corrosivi.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 40°C (per altri impieghi)
- Massima profondità d'immersione 10 mt. (per un uso domestico secondo EN 60335-2-41)
- Livello min. d'aspirazione 150 mm
- Servizio continuo

MOTORE

- Monofase 230V-50Hz (con galleggiante)
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico

MATERIALI

- Corpo motore Acciaio Inox AISI 316
- Corpo pompa Acciaio Inox AISI 316
- Coperchio superiore Acciaio Inox AISI 316
- Girante Acciaio Inox AISI 316
- Cilindro motore Acciaio Inox AISI 316
- Albero motore Acciaio Inox AISI 316
- Doppia tenuta meccanica in camera d'olio Ceramica/Grafite/Viton
- Silicio/Silicio/Viton

APPLICATION

Submersible drainage pumps with inox impeller, which allows free passage of suspended parts and high performance. Suitable in civil and industrial water systems, for cesspool drainage with dirty and muddy liquids and for waters not cleaned by grid and for particularly aggressive liquids, salt and corrosive.

OPERATING CONDITIONS

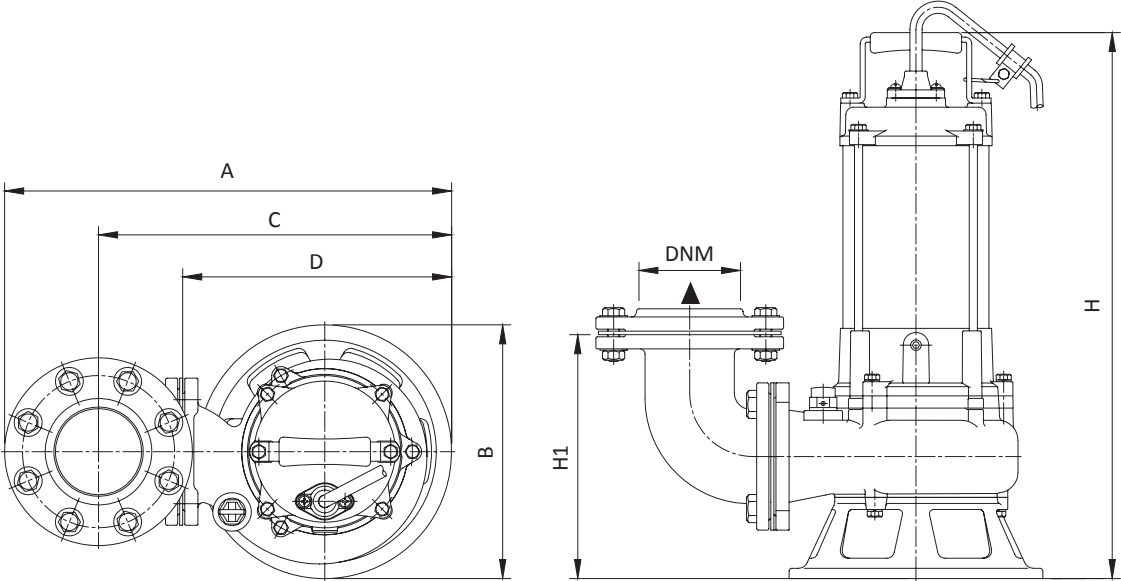
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 40°C (for other uses)
- Maximum immersion depth 10 mt. (for home use according to EN 60335-2-41)
- Min. suction level 150 mm
- Continuous duty

MOTOR

- Single-phase 230V-50Hz (with float)
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection

MATERIALS

- Motor body Stainless Steel AISI 316
- Pump body Stainless Steel AISI 316
- Upper cover Stainless Steel AISI 316
- Impeller Stainless Steel AISI 316
- Casing Stainless Steel AISI 316
- Shaft with rotor Stainless Steel AISI 316
- Double mechanical seal in oil chamber Ceramic/Graphite/Viton
- Silicon/Silicon/Viton



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |     |               | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|-----|---------------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | H   | H1  | DNM | CAVO<br>CABLE | P                              | L   | H   | Kg             |
| TP 316-80                | TPt 316-80             | 237                          | 154 | 199 | -   | 427 | 99  | 2"  | 10 mt H07RNF  | 200                            | 260 | 480 | 18             |
| TP 316-130               | TPt 316-130            | 237                          | 154 | 199 | -   | 427 | 99  | 2"  | 10 mt H07RNF  | 200                            | 260 | 480 | 20             |
|                          | TPt 316-200            | 441                          | 250 | 348 | 325 | 538 | 241 | 3"  | 10 mt H07RNF  | 280                            | 280 | 630 | 36             |
|                          | TPt 316-300            | 441                          | 250 | 348 | 325 | 563 | 241 | 3"  | 10 mt H07RNF  | 280                            | 280 | 630 | 37             |
|                          | TPt 316-550            | 453                          | 216 | 360 | 337 | 572 | 192 | 3"  | 10 mt H07RNF  | 440                            | 400 | 820 | 54             |



ELETTROPOMPE SOMMERSE MULTISTADO 4"
MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna: Acciaio inox AISI 304
- Albero motore: Acciaio inox AISI 304
- Supporto superiore: Ghisa zincata
- Tenuta meccanica: Ceramica/Grafite

MATERIALI POMPE

- Camicia esterna: Acciaio inox AISI 304
- Albero motore: Acciaio inox AISI 304
- Stadi: Policarbonato
- Giranti: Noryl

APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

MOTOR

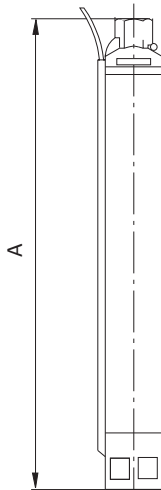
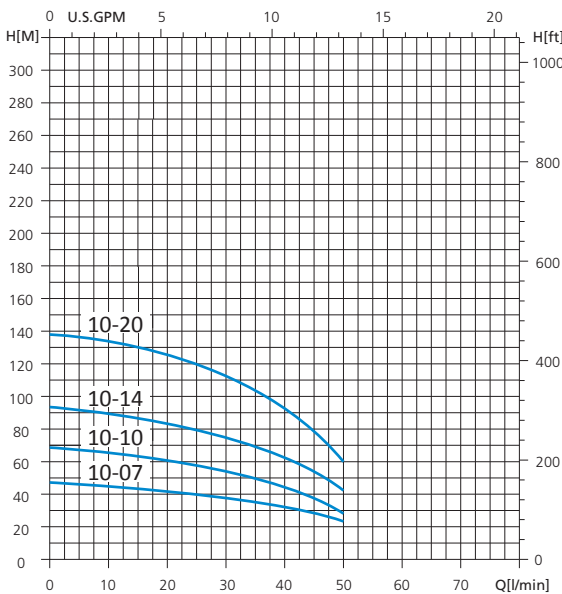
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

- External casing: Stainless steel AISI 304
- Motor shaft: Stainless steel AISI 304
- Upper bracket: Zinc plated Cast Iron
- Mechanical seal: Ceramic/Graphite

PUMP MATERIALS

- External casing: Stainless steel AISI 304
- Motor shaft: Stainless steel AISI 304
- Stages: Polycarbonate
- Impellers: Noryl



ST 10

ST 10 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER                                  |      | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |    | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|--------------------------------------------------------------------|------|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-------------------------------|------------------------|
|              | P2                                                                 |      |                 | m³/h                  | 0   | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                                                 | kW   |                 | lt/1'                 | 0   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 |     |                               |                        |
|              | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                 |                       |     |     |     |     |     |     |     |     |    |     |                               |                        |
| ST 10-07     | 0,5                                                                | 0,37 | 7               | H<br>(m)              | 46  | 43  | 42  | 39  | 36  | 33  | 29  | 26  | 22 | 1"¼ | 271                           | 2,8                    |
| ST 10-10     | 0,75                                                               | 0,55 | 10              |                       | 69  | 65  | 63  | 60  | 55  | 50  | 44  | 37  | 29 | 1"¼ | 324                           | 3,3                    |
| ST 10-14     | 1                                                                  | 0,75 | 14              |                       | 92  | 86  | 83  | 79  | 74  | 67  | 60  | 52  | 42 | 1"¼ | 394                           | 3,9                    |
| ST 10-20     | 1,5                                                                | 1,1  | 20              |                       | 139 | 131 | 127 | 120 | 111 | 101 | 90  | 75  | 60 | 1"¼ | 499                           | 4,9                    |

ELETTROPOMPE SOMMERSE MULTISTADO 4"
MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4"(DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa zincata
- Tenuta meccanica Ceramica/Grafite

MATERIALI POMPE

- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Stadi Policarbonato
- Giranti Noryl

APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

MOTOR

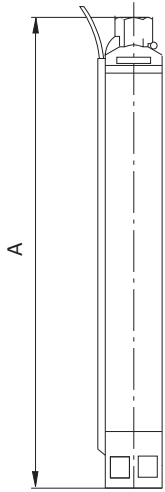
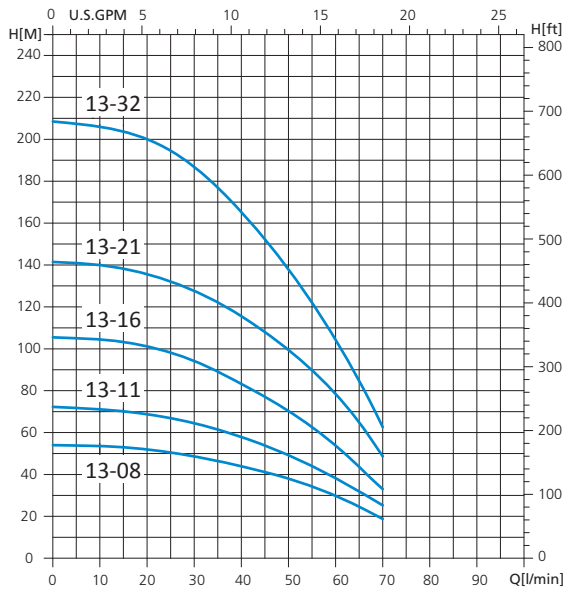
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper bracket Zinc plated Cast Iron
- Mechanical seal Ceramic/Graphite

PUMP MATERIALS

- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Stages Polycarbonate
- Impellers Noryl



ST 13 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER                                  |      | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|--------------------------------------------------------------------|------|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------|------------------------|
|              | P2                                                                 |      |                 | m³/h                  | 0   | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3   | 3,6 | 4,2 |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                                                 | kW   |                 | lt/1'                 | 0   | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60  | 70  |     |                               |                        |
|              | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                 |                       |     |     |     |     |     |     |     |     |     |     |     |                               |                        |
| ST 13-08     | 0,75                                                               | 0,55 | 8               | H<br>(m)              | 54  | 51  | 50  | 49  | 46  | 43  | 41  | 38  | 30  | 19  | 1"¼ | 289                           | 2,9                    |
| ST 13-11     | 1                                                                  | 0,75 | 11              |                       | 72  | 68  | 66  | 64  | 61  | 58  | 54  | 49  | 38  | 26  | 1"¼ | 342                           | 3,4                    |
| ST 13-16     | 1,5                                                                | 1,1  | 16              |                       | 106 | 101 | 98  | 95  | 89  | 83  | 77  | 70  | 54  | 33  | 1"¼ | 430                           | 4,2                    |
| ST 13-21     | 2                                                                  | 1,5  | 21              |                       | 142 | 135 | 132 | 127 | 122 | 115 | 108 | 100 | 79  | 49  | 1"¼ | 519                           | 5                      |
| ST 13-32     | 3                                                                  | 2,2  | 32              |                       | 208 | 200 | 194 | 187 | 177 | 165 | 152 | 138 | 104 | 62  | 1"¼ | 749                           | 7,1                    |

## ELETTROPOMPE SOMMERSE MULTISTADO 4" MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

### APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

### LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m<sup>3</sup>
- Partenza /ora 20 max.

### MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min<sup>-1</sup>)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

### MATERIALI MOTORE

- Camicia esterna
- Albero motore
- Supporto superiore
- Tenuta meccanica

### MATERIALI POMPE

- Camicia esterna
- Albero motore
- Stadi
- Giranti

Acciaio inox AISI 304  
Acciaio inox AISI 304  
Ghisa zincata  
Ceramica/Grafite

Acciaio inox AISI 304  
Acciaio inox AISI 304  
Policarbonato  
Noryl

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

### OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m<sup>3</sup>
- Start/hour 20 max.

### MOTOR

- Two-pole induction motor (n=2850 min<sup>-1</sup>)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

### MOTOR MATERIALS

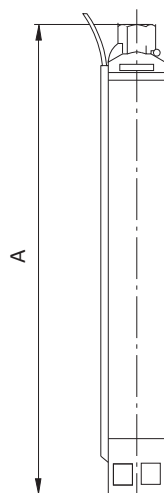
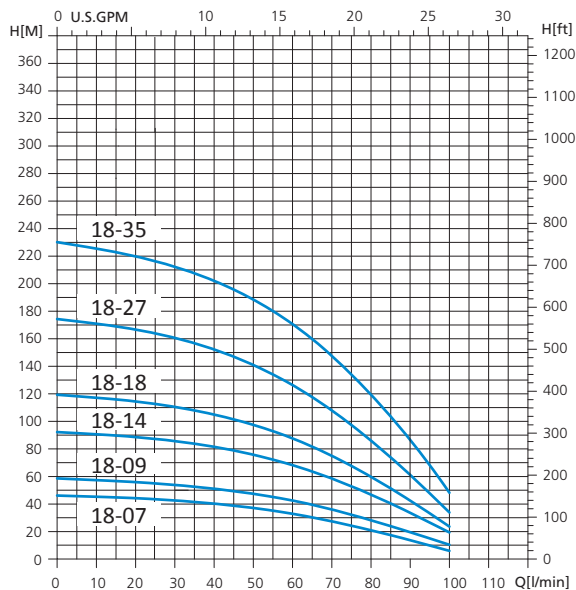
- External casing
- Motor shaft
- Upper bracket
- Mechanical seal

### PUMP MATERIALS

- External casing
- Motor shaft
- Stages
- Impellers

Stainless steel AISI 304  
Stainless steel AISI 304  
Zinc plated Cast Iron  
Ceramic/Graphite

Stainless steel AISI 304  
Stainless steel AISI 304  
Polycarbonate  
Noryl



ST 18



### ST 18 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER |      | STADI<br>STAGES                                                    | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |     |    | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|-----------------------------------|------|--------------------------------------------------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-------------------------------|------------------------|
|              | P2                                |      |                                                                    | m³/h                  | 0   | 1,5 | 1,8 | 2,1 | 2,4 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6  |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                | kW   | lt/1'                                                              | 0                     | 25  | 30  | 35  | 40  | 50  | 60  | 70  | 80  | 90  | 100 |    |     |                               |                        |
|              |                                   |      | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                       |     |     |     |     |     |     |     |     |     |     |    |     |                               |                        |
| ST 18-07     | 0,75                              | 0,55 | 7                                                                  | H<br>(m)              | 46  | 43  | 42  | 41  | 40  | 37  | 33  | 28  | 21  | 13  | 7  | 1"¼ | 301                           | 3                      |
| ST 18-09     | 1                                 | 0,75 | 9                                                                  |                       | 59  | 55  | 54  | 52  | 51  | 47  | 43  | 37  | 28  | 20  | 10 | 1"¼ | 344                           | 3,3                    |
| ST 18-14     | 1,5                               | 1,1  | 14                                                                 |                       | 93  | 87  | 86  | 83  | 81  | 76  | 68  | 58  | 47  | 33  | 20 | 1"¼ | 452                           | 4,1                    |
| ST 18-18     | 2                                 | 1,5  | 18                                                                 |                       | 120 | 113 | 111 | 108 | 105 | 98  | 88  | 75  | 60  | 42  | 25 | 1"¼ | 538                           | 4,7                    |
| ST 18-27     | 3                                 | 2,2  | 27                                                                 |                       | 175 | 164 | 161 | 157 | 152 | 141 | 127 | 109 | 87  | 61  | 35 | 1"¼ | 767                           | 6,2                    |
| ST 18-35     | 4                                 | 3    | 35                                                                 |                       | 231 | 217 | 212 | 208 | 202 | 189 | 170 | 149 | 120 | 87  | 50 | 1"¼ | 934                           | 7,9                    |

ELETTROPOMPE SOMMERSE MULTISTADO 4"
MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI
Elettropompe sommerse multistadio per pozzi profondi da 4"(DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

- LIMITI D'IMPIEGO
- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C
(per un uso domestico secondo EN 60335-2-41)
Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

- MOTORE
- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

- MATERIALI MOTORE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa zincata
- Tenuta meccanica Ceramica/Grafite

- MATERIALI POMPE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Stadi Policarbonato
- Giranti Noryl

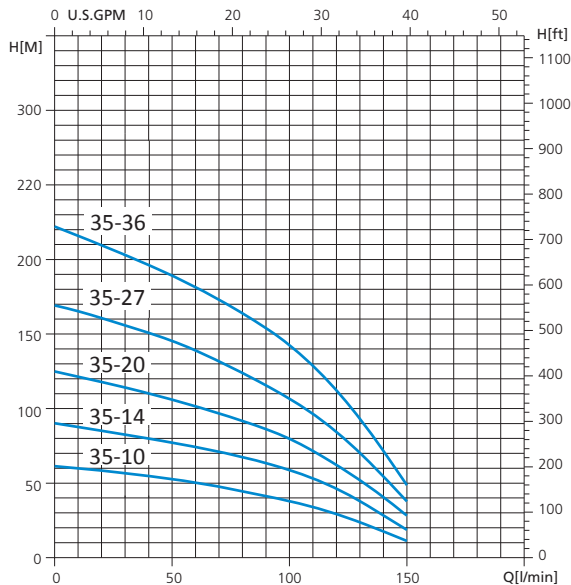
APPLICATION
Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

- OPERATING CONDITIONS
- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C
(for home use according to EN 60335-2-41)
Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

- MOTOR
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

- MOTOR MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper bracket Zinc plated Cast Iron
- Mechanical seal Ceramic/Graphite

- PUMP MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Stages Polycarbonate
- Impellers Noryl



ST 35



ST 35 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER                                  |     | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|--------------------------------------------------------------------|-----|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------|------------------------|
|              | P2                                                                 |     |                 | m³/h                  | 0   | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6   | 7,2 | 8,4 |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                                                 | kW  |                 | lt/1'                 | 0   | 50  | 60  | 70  | 80  | 90  | 100 | 120 | 140 |     |                               |                        |
|              | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |                 |                       |     |     |     |     |     |     |     |     |     |     |                               |                        |
| ST 35-10     | 1,5                                                                | 1,1 | 10              | H<br>(m)              | 62  | 53  | 51  | 48  | 45  | 41  | 38  | 29  | 18  | 2"  | 483                           | 4,6                    |
| ST 35-14     | 2                                                                  | 1,5 | 14              |                       | 90  | 77  | 74  | 71  | 68  | 63  | 59  | 46  | 28  | 2"  | 607                           | 5,7                    |
| ST 35-20     | 3                                                                  | 2,2 | 20              |                       | 125 | 107 | 102 | 97  | 92  | 86  | 80  | 62  | 40  | 2"  | 831                           | 7,5                    |
| ST 35-27     | 4                                                                  | 3   | 27              |                       | 169 | 145 | 139 | 131 | 123 | 115 | 107 | 84  | 55  | 2"  | 1048                          | 9,6                    |
| ST 35-36     | 5,5                                                                | 4   | 36              |                       | 221 | 190 | 181 | 173 | 164 | 154 | 143 | 112 | 72  | 2"  | 1318                          | 12,2                   |





ELETTROPOMPE SOMMERSE MULTISTADO 4"

MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

- LIMITI D'IMPIEGO
- Profondità max. di immersione 150 mt
  - Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
  - Contenuto di sabbia max. 50 g/m<sup>3</sup>
  - Partenza /ora 20 max.

- MOTORE
- Motore elettrico ad induzione a 2 poli (n=2850 min<sup>-1</sup>)
  - Motore sommerso in bagno d'olio
  - Isolamento Classe F
  - Protezione IP 68
  - Servizio continuo

- MATERIALI MOTORE
- Camicia esterna                    Acciaio inox AISI 304
  - Albero motore                    Acciaio inox AISI 304
  - Supporto superiore                Ghisa zincata
  - Tenuta meccanica                Ceramica/Grafite

- MATERIALI POMPE
- Camicia esterna                    Acciaio inox AISI 304
  - Albero motore                    Acciaio inox AISI 304
  - Stadi                                  Policarbonato
  - Giranti                                Noryl

APPLICATION

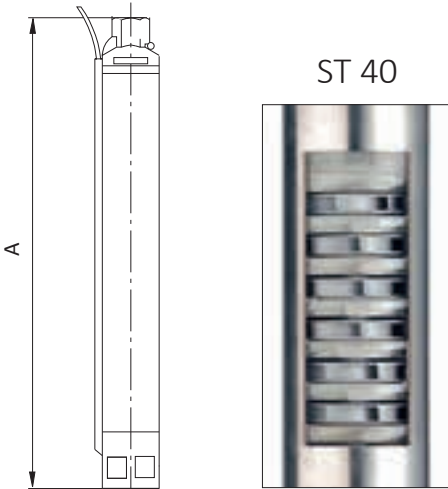
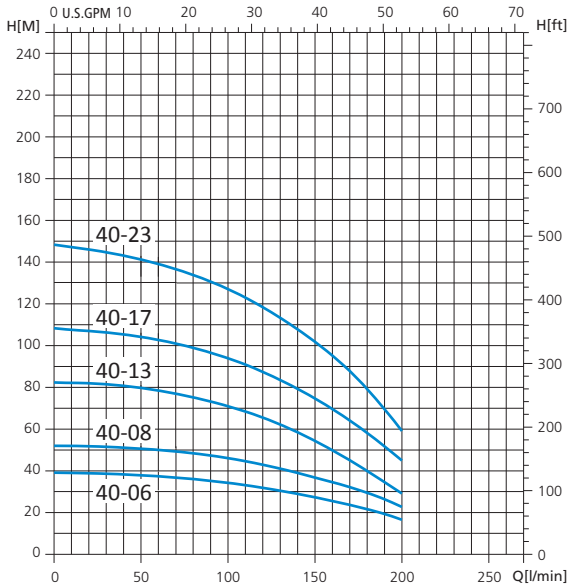
Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

- OPERATING CONDITIONS
- Max. depth of immersion 150 mt
  - Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
  - Sand content max. 50 g/m<sup>3</sup>
  - Start/hour 20 max.

- MOTOR
- Two-pole induction motor (n=2850 min<sup>-1</sup>)
  - Submersible motor in oil bath
  - Class F Insulation
  - IP 68 Protection
  - Continuous duty

- MOTOR MATERIALS
- External casing                    Stainless steel AISI 304
  - Motor shaft                        Stainless steel AISI 304
  - Upper bracket                    Zinc plated Cast Iron
  - Mechanical seal                Ceramic/Graphite

- PUMP MATERIALS
- External casing                    Stainless steel AISI 304
  - Motor shaft                        Stainless steel AISI 304
  - Stages                               Polycarbonate
  - Impellers                            Noryl



| ST 40 - 50 HZ |                                                                     |     |                 |                       |     |     |     |     |     |     |     |      |     |     |                               |                        |
|---------------|---------------------------------------------------------------------|-----|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-------------------------------|------------------------|
| TIPO<br>TYPE  | POTENZA NOMINALE<br>NOMINAL POWER                                   |     | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |      |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|               | P2                                                                  |     |                 | m³/h                  | 0   | 4,8 | 5,4 | 6   | 7,2 | 8,4 | 9,6 | 10,8 | 12  |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|               | HP                                                                  | kW  |                 | lt/l'                 | 0   | 80  | 90  | 100 | 120 | 140 | 160 | 180  | 200 |     |                               |                        |
|               | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |                 |                       |     |     |     |     |     |     |     |      |     |     |                               |                        |
| ST 40-06      | 1,5                                                                 | 1,1 | 6               | H<br>(m)              | 39  | 36  | 35  | 34  | 32  | 29  | 26  | 22   | 17  | 2"  | 256                           | 3,4                    |
| ST 40-08      | 2                                                                   | 1,5 | 8               |                       | 52  | 48  | 47  | 46  | 43  | 39  | 35  | 29   | 24  | 2"  | 418                           | 4                      |
| ST 40-13      | 3                                                                   | 2,2 | 13              |                       | 82  | 75  | 73  | 71  | 66  | 59  | 50  | 40   | 30  | 2"  | 573                           | 5,5                    |
| ST 40-17      | 4                                                                   | 3   | 17              |                       | 108 | 98  | 96  | 94  | 87  | 79  | 70  | 58   | 46  | 2"  | 697                           | 6,6                    |
| ST 40-23      | 5,5                                                                 | 4   | 23              |                       | 148 | 134 | 131 | 127 | 118 | 108 | 95  | 79   | 60  | 2"  | 921                           | 8,4                    |

ELETTROPOMPE SOMMERSE MULTISTADO 4"
MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna: Acciaio inox AISI 304
- Albero motore: Acciaio inox AISI 304
- Supporto superiore: Ghisa zincata
- Tenuta meccanica: Ceramica/Grafite

MATERIALI POMPE

- Camicia esterna: Acciaio inox AISI 304
- Albero motore: Acciaio inox AISI 304
- Stadi: Policarbonato
- Giranti: Noryl

APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

MOTOR

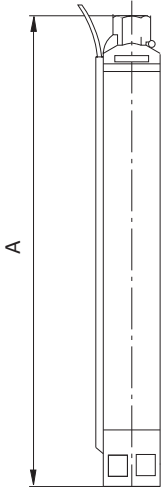
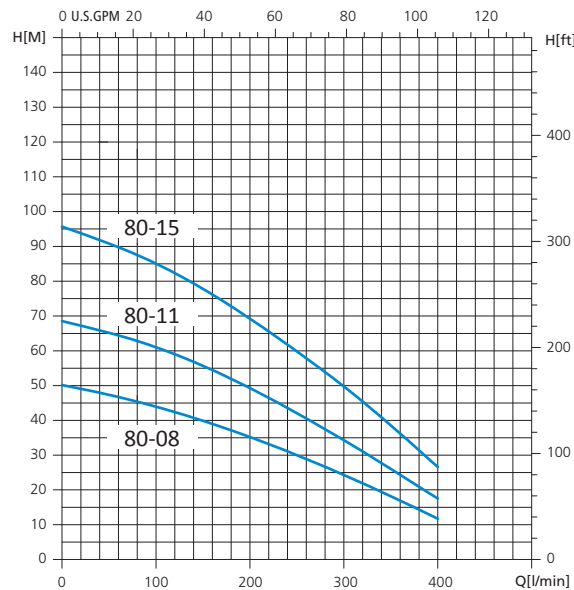
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

- External casing: Stainless steel AISI 304
- Motor shaft: Stainless steel AISI 304
- Upper bracket: Zinc plated Cast Iron
- Mechanical seal: Ceramic/Graphite

PUMP MATERIALS

- External casing: Stainless steel AISI 304
- Motor shaft: Stainless steel AISI 304
- Stages: Polycarbonate
- Impellers: Noryl



ST 80



ST 80 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER |     | STADI<br>STAGES | Q = PORTATA- CAPACITY                                              |    |     |     |      |     |     |      |     |     |     |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|-----------------------------------|-----|-----------------|--------------------------------------------------------------------|----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------|------------------------|
|              | P2                                |     |                 | m³/h                                                               | 0  | 8,4 | 9,6 | 10,8 | 12  | 13  | 14,4 | 16  | 17  | 18  | 19  | 20  | 22  | 23  | 24  |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                | kW  |                 | lt/1'                                                              | 0  | 140 | 160 | 180  | 200 | 220 | 240  | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |     |                               |                        |
|              |                                   |     |                 | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |    |     |     |      |     |     |      |     |     |     |     |     |     |     |     |     |                               |                        |
| ST 80-08     | 3                                 | 2,2 | 8               | H<br>(m)                                                           | 51 | 41  | 39  | 37   | 35  | 3   | 31   | 29  | 27  | 24  | 22  | 20  | 17  | 14  | 12  | 2"  | 676                           | 6,3                    |
| ST 80-11     | 4                                 | 3   | 11              |                                                                    | 70 | 57  | 54  | 52   | 49  | 47  | 44   | 41  | 38  | 34  | 31  | 28  | 24  | 21  | 18  | 2"  | 880                           | 8,1                    |
| ST 80-15     | 5,5                               | 4   | 15              |                                                                    | 97 | 79  | 76  | 73   | 69  | 66  | 63   | 58  | 54  | 50  | 46  | 41  | 36  | 32  | 27  | 2"  | 1149                          | 10,5                   |

ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa zincata
- Tenuta meccanica Ceramica/Grafite

MATERIALI POMPE

- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Stadi e giranti Acciaio inox AISI 304

APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

MOTOR

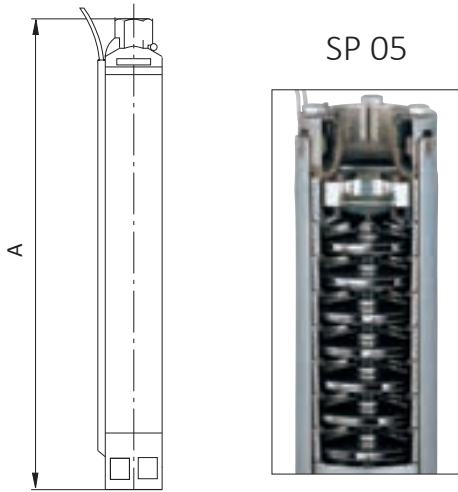
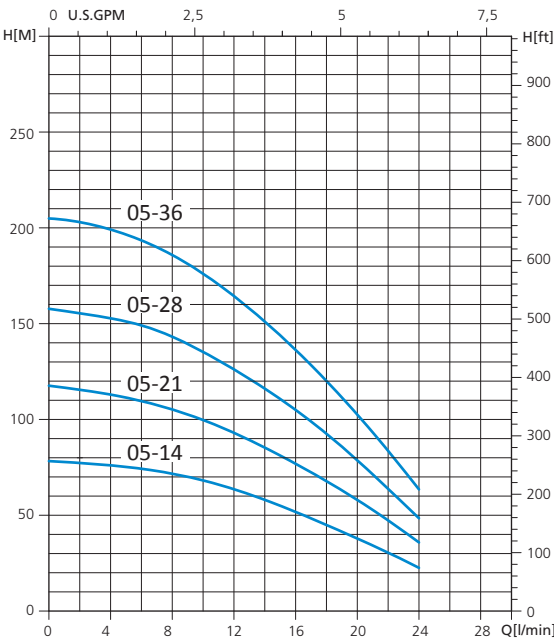
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper bracket Zinc plated Cast Iron
- Mechanical seal Ceramic/Graphite

PUMP MATERIALS

- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Stages Polycarbonate
- Impellers Noryl



SP 05 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER                                  |      | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS |                               |                        |    |    |  |
|--------------|--------------------------------------------------------------------|------|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|--------------------------|-------------------------------|------------------------|----|----|--|
|              | P2                                                                 |      |                 | m³/h                  | 0   | 0,3 | 0,6 | 0,9 | 1,2 |     | 1,5                      | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(kg) |    |    |  |
|              | HP                                                                 | kW   |                 |                       |     |     |     |     |     |     |                          |                               |                        |    |    |  |
|              | lt/1'                                                              |      |                 |                       |     |     | 0   | 5   | 10  |     | 15                       |                               |                        | 20 | 25 |  |
|              | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                 |                       |     |     |     |     |     |     |                          |                               |                        |    |    |  |
| SP 05-14     | 0,5                                                                | 0,37 | 14              | H<br>(m)              | 79  | 76  | 68  | 56  | 38  | 21  | 1"¼                      | 461                           | 3,7                    |    |    |  |
| SP 05-21     | 0,75                                                               | 0,55 | 21              |                       | 118 | 112 | 100 | 81  | 58  | 30  | 1"¼                      | 608                           | 5                      |    |    |  |
| SP 05-28     | 1                                                                  | 0,75 | 28              |                       | 158 | 153 | 138 | 111 | 78  | 42  | 1"¼                      | 755                           | 6,2                    |    |    |  |
| SP 05-36     | 1,5                                                                | 1,1  | 36              |                       | 205 | 195 | 175 | 134 | 103 | 54  | 1"¼                      | 946                           | 9,9                    |    |    |  |

ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"  
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4"(DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min<sup>-1</sup>)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna                    Acciaio inox AISI 304
- Albero motore                    Acciaio inox AISI 304
- Supporto superiore                Ghisa zincata
- Tenuta meccanica                Ceramica/Grafite

MATERIALI POMPE

- Camicia esterna                    Acciaio inox AISI 304
- Albero motore                    Acciaio inox AISI 304
- Stadi e giranti                    Acciaio inox AISI 304

APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

MOTOR

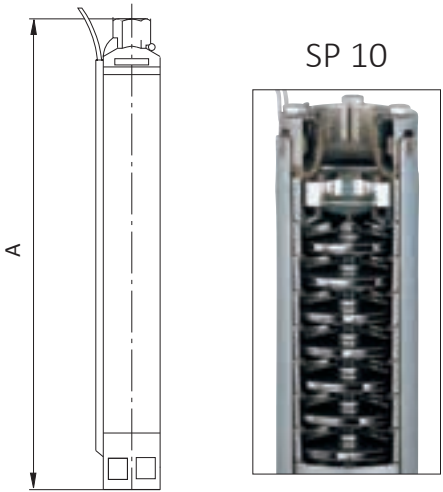
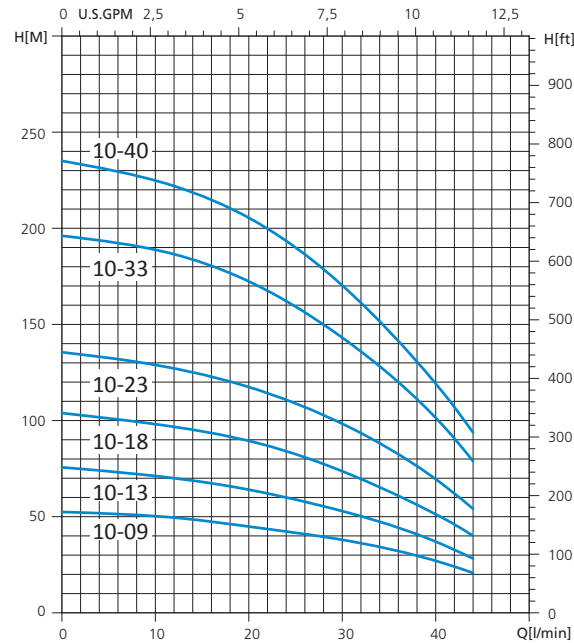
- Two-pole induction motor (n=2850 min<sup>-1</sup>)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

- External casing                    Stainless steel AISI 304
- Motor shaft                        Stainless steel AISI 304
- Upper bracket                    Zinc plated Cast Iron
- Mechanical seal                Ceramic/Graphite

PUMP MATERIALS

- External casing                    Stainless steel AISI 304
- Motor shaft                        Stainless steel AISI 304
- Stages                               Polycarbonate
- Impellers                           Noryl



SP 10 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER                                   |      | STADI<br>STAGES | Q = PORTATA - CAPACITY |     |     |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|---------------------------------------------------------------------|------|-----------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------|------------------------|
|              | P2                                                                  |      |                 | m³/h                   | 0   | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                                                  | kW   |                 | lt/1'                  | 0   | 15  | 20  | 25  | 30  | 35  | 40  |     |                               |                        |
|              | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |                 |                        |     |     |     |     |     |     |     |     |                               |                        |
| SP 10-09     | 0,5                                                                 | 0,37 | 9               | H<br>(m)               | 53  | 48  | 45  | 42  | 38  | 33  | 26  | 1"¼ | 356                           | 3                      |
| SP 10-13     | 0,75                                                                | 0,55 | 13              |                        | 77  | 68  | 64  | 58  | 54  | 46  | 38  | 1"¼ | 440                           | 3,8                    |
| SP 10-18     | 1                                                                   | 0,75 | 18              |                        | 104 | 94  | 89  | 83  | 74  | 64  | 51  | 1"¼ | 545                           | 4,7                    |
| SP 10-23     | 1,5                                                                 | 1,1  | 23              |                        | 136 | 124 | 118 | 108 | 98  | 84  | 69  | 1"¼ | 650                           | 5,7                    |
| SP 10-33     | 2                                                                   | 1,5  | 33              |                        | 195 | 183 | 173 | 159 | 143 | 124 | 102 | 1"¼ | 883                           | 9,7                    |
| SP 10-40     | 3                                                                   | 2,2  | 40              |                        | 235 | 218 | 205 | 190 | 170 | 147 | 119 | 1"¼ | 1030                          | 11,5                   |



ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna
- Albero motore
- Supporto superiore
- Tenuta meccanica

MATERIALI POMPE

- Camicia esterna
- Albero motore
- Stadi e giranti

Acciaio inox AISI 304
Acciaio inox AISI 304
Ghisa zincata
Ceramica/Grafite

Acciaio inox AISI 304
Acciaio inox AISI 304
Acciaio inox AISI 304

APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

MOTOR

- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

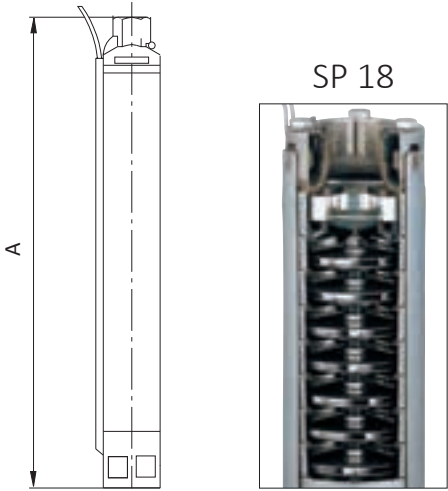
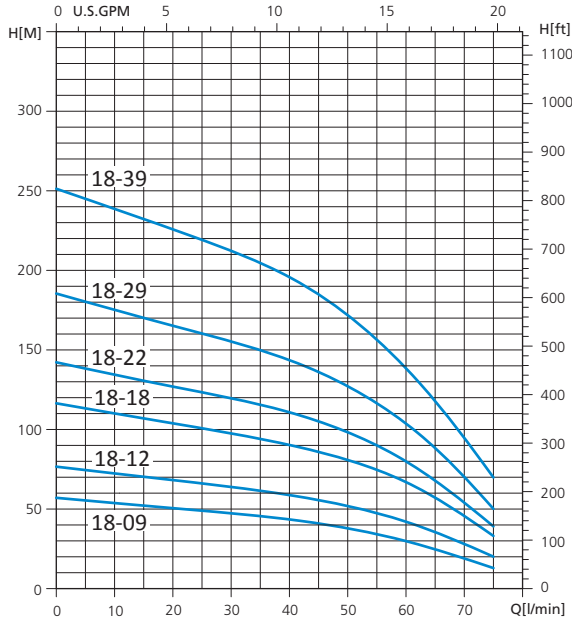
- External casing
- Motor shaft
- Upper bracket
- Mechanical seal

PUMP MATERIALS

- External casing
- Motor shaft
- Stages
- Impellers

Stainless steel AISI 304
Stainless steel AISI 304
Zinc plated Cast Iron
Ceramic/Graphite

Stainless steel AISI 304
Stainless steel AISI 304
Polycarbonate
Noryl



SP 18 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER                                  |      | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|--------------------------------------------------------------------|------|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------|------------------------|
|              | P2                                                                 |      |                 | m³/h                  | 0   | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3   | 3,6 | 4,2 |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                                                 | kW   |                 |                       |     |     |     |     |     |     |     |     |     |     |                               |                        |
|              | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                 |                       |     |     |     |     |     |     |     |     |     |     |                               |                        |
| SP 18-09     | 0,75                                                               | 0,55 | 9               | H<br>(m)              | 57  | 49  | 47  | 46  | 44  | 41  | 38  | 30  | 19  | 1”¼ | 356                           | 3                      |
| SP 18-12     | 1                                                                  | 0,75 | 12              |                       | 77  | 66  | 64  | 62  | 58  | 56  | 52  | 43  | 28  | 1”¼ | 419                           | 3,6                    |
| SP 18-18     | 1,5                                                                | 1,1  | 18              |                       | 116 | 101 | 97  | 94  | 90  | 85  | 80  | 67  | 45  | 1”¼ | 545                           | 4,7                    |
| SP 18-22     | 2                                                                  | 1,5  | 22              |                       | 143 | 127 | 120 | 115 | 110 | 105 | 97  | 80  | 54  | 1”¼ | 629                           | 5,5                    |
| SP 18-29     | 3                                                                  | 2,2  | 29              |                       | 185 | 160 | 155 | 149 | 143 | 136 | 127 | 103 | 70  | 1”¼ | 776                           | 6,8                    |
| SP 18-39     | 4                                                                  | 3    | 39              |                       | 250 | 219 | 213 | 204 | 195 | 185 | 172 | 138 | 94  | 1”¼ | 1009                          | 11,2                   |



ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

APPLICAZIONI
Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

- LIMITI D'IMPIEGO
- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C
(per un uso domestico secondo EN 60335-2-41)
Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 20 max.

- MOTORE
- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

- MATERIALI MOTORE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa zincata
- Tenuta meccanica Ceramica/Grafite

- MATERIALI POMPE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Stadi e giranti Acciaio inox AISI 304

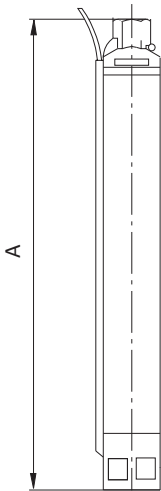
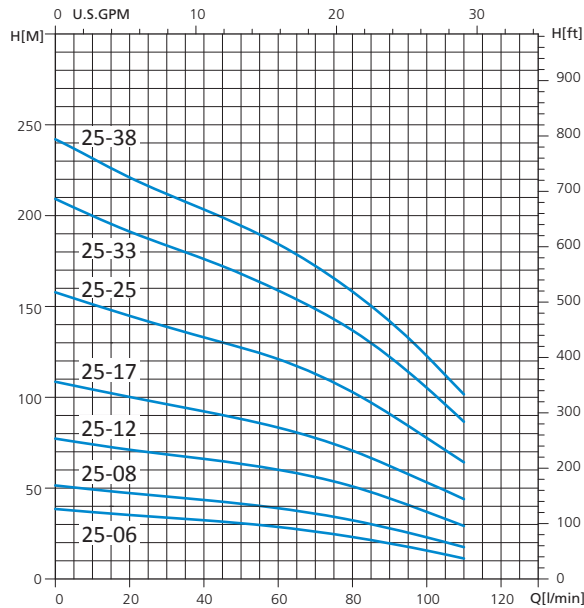
APPLICATION
Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

- OPERATING CONDITIONS
- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C
(for home use according to EN 60335-2-41)
Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 20 max.

- MOTOR
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

- MOTOR MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper bracket Zinc plated Cast Iron
- Mechanical seal Ceramic/Graphite

- PUMP MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Stages Polycarbonate
- Impellers Noryl



SP 25 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER                                  |      | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|--------------------------------------------------------------------|------|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------------------|------------------------|
|              | P2                                                                 |      |                 | m³/h                  | 0   | 1,8 | 2,1 | 2,4 | 2,7 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6   |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                                                 | kW   |                 | lt/1'                 | 0   | 30  | 35  | 40  | 45  | 50  | 60  | 70  | 80  | 90  | 100 |     |                               |                        |
|              | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                 |                       |     |     |     |     |     |     |     |     |     |     |     |     |                               |                        |
| SP 25-06     | 0,75                                                               | 0,55 | 6               | H<br>(m)              | 38  | 34  | 33  | 32  | 31  | 30  | 28  | 26  | 24  | 20  | 16  | 1"½ | 293                           | 2,4                    |
| SP 25-08     | 1                                                                  | 0,75 | 8               |                       | 52  | 45  | 44  | 43  | 42  | 41  | 39  | 36  | 33  | 28  | 23  | 1"½ | 335                           | 2,8                    |
| SP 25-12     | 1,5                                                                | 1,1  | 12              |                       | 77  | 68  | 67  | 66  | 64  | 63  | 60  | 56  | 50  | 44  | 37  | 1"½ | 419                           | 3,6                    |
| SP 25-17     | 2                                                                  | 1,5  | 17              |                       | 108 | 96  | 94  | 93  | 90  | 88  | 84  | 77  | 70  | 63  | 54  | 1"½ | 524                           | 4,5                    |
| SP 25-25     | 3                                                                  | 2,2  | 25              |                       | 157 | 138 | 136 | 133 | 129 | 127 | 121 | 113 | 103 | 90  | 78  | 1"½ | 692                           | 6                      |
| SP 25-33     | 4                                                                  | 3    | 33              |                       | 209 | 184 | 180 | 176 | 172 | 168 | 159 | 149 | 137 | 123 | 105 | 1"½ | 868                           | 9,6                    |
| SP 25-38     | 5,5                                                                | 4    | 38              |                       | 242 | 212 | 208 | 204 | 199 | 194 | 185 | 172 | 158 | 142 | 123 | 1"½ | 973                           | 10,9                   |





## ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 4" INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

### APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

### LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m<sup>3</sup>
- Partenza /ora 20 max.

### MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min<sup>-1</sup>)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

### MATERIALI MOTORE

- Camicia esterna
- Albero motore
- Supporto superiore
- Tenuta meccanica

### MATERIALI POMPE

- Camicia esterna
- Albero motore
- Stadi e giranti

Acciaio inox AISI 304  
Acciaio inox AISI 304  
Ghisa zincata  
Ceramica/Grafite

Acciaio inox AISI 304  
Acciaio inox AISI 304  
Acciaio inox AISI 304

### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

### OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m<sup>3</sup>
- Start/hour 20 max.

### MOTOR

- Two-pole induction motor (n=2850 min<sup>-1</sup>)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

### MOTOR MATERIALS

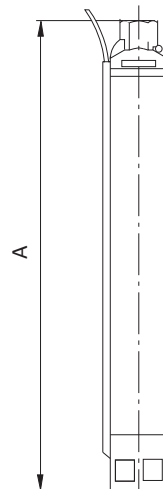
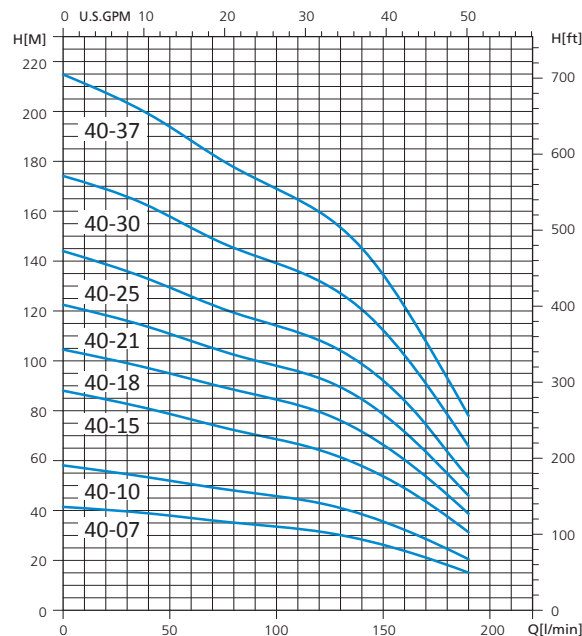
- External casing
- Motor shaft
- Upper bracket
- Mechanical seal

### PUMP MATERIALS

- External casing
- Motor shaft
- Stages
- Impellers

Stainless steel AISI 304  
Stainless steel AISI 304  
Zinc plated Cast Iron  
Ceramic/Graphite

Stainless steel AISI 304  
Stainless steel AISI 304  
Polycarbonate  
Noryl



### SP 40 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER |     | STADI<br>STAGES | Q = PORTATA- CAPACITY |                                                                    |     |     |     |     |     |     |     |     |     |     |     |      |                               | DNM  | DIMENSIONI<br>DIMENSIONS |  |
|--------------|-----------------------------------|-----|-----------------|-----------------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------------------------------|------|--------------------------|--|
|              | P2                                |     |                 | m³/h<br>lt/1'         | 0                                                                  | 2,4 | 2,7 | 3   | 3,6 | 4,2 | 4,8 | 5,4 | 6   | 7,2 | 8,4 | 9,6 | 10,8 | Lunghezza<br>Lenght<br>A (mm) |      | Peso<br>Weight<br>(Kg)   |  |
|              | HP                                | kW  |                 |                       | 0                                                                  | 40  | 45  | 50  | 60  | 70  | 80  | 90  | 100 | 120 | 140 | 160 | 180  |                               |      |                          |  |
|              |                                   |     |                 |                       | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |     |     |     |     |      |                               |      |                          |  |
| SP 40-07     | 1,5                               | 1,1 | 7               | H<br>(m)              | 41                                                                 | 38  | 37  | 36  | 36  | 35  | 35  | 34  | 34  | 32  | 27  | 24  | 17   | 2"                            | 496  | 5,3                      |  |
| SP 40-10     | 2                                 | 1,5 | 10              |                       | 58                                                                 | 54  | 53  | 52  | 51  | 49  | 47  | 47  | 46  | 43  | 38  | 32  | 25   | 2"                            | 622  | 6,8                      |  |
| SP 40-15     | 3                                 | 2,2 | 15              |                       | 87                                                                 | 80  | 79  | 78  | 76  | 71  | 72  | 70  | 68  | 64  | 57  | 49  | 38   | 2"                            | 832  | 9,3                      |  |
| SP 40-18     | 4                                 | 3   | 18              |                       | 104                                                                | 98  | 96  | 95  | 93  | 90  | 88  | 86  | 84  | 79  | 72  | 60  | 47   | 2"                            | 958  | 10,8                     |  |
| SP 40-21     | 5,5                               | 4   | 21              |                       | 122                                                                | 114 | 113 | 111 | 107 | 105 | 102 | 100 | 98  | 93  | 85  | 72  | 55   | 2"                            | 1084 | 12,3                     |  |
| SP 40-25     | 5,5                               | 4   | 25              |                       | 144                                                                | 133 | 131 | 128 | 126 | 123 | 119 | 116 | 114 | 107 | 97  | 84  | 64   | 2"                            | 1252 | 14,3                     |  |
| SP 40-30     | 7,5                               | 5,5 | 30              |                       | 174                                                                | 163 | 160 | 157 | 154 | 149 | 145 | 142 | 139 | 131 | 120 | 103 | 79   | 2"                            | 1462 | 16,8                     |  |
| SP 40-37     | 10                                | 7.5 | 37              |                       | 215                                                                | 199 | 196 | 194 | 188 | 183 | 177 | 173 | 169 | 160 | 145 | 122 | 93   | 2"                            | 1753 | 20.3                     |  |

## ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 4"

### INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 4" WELLS

#### APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 4" (DN 100 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazione getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

#### LIMITI D'IMPIEGO

- Profondità max. di immersione 150 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m<sup>3</sup>
- Partenza /ora 20 max.

#### MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min<sup>-1</sup>)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

#### MATERIALI MOTORE

- Camicia esterna
- Albero motore
- Supporto superiore
- Tenuta meccanica

#### MATERIALI POMPE

- Camicia esterna
- Albero motore
- Stadi e giranti

Acciaio inox AISI 304  
Acciaio inox AISI 304  
Ghisa zincata  
Ceramica/Grafite

Acciaio inox AISI 304  
Acciaio inox AISI 304  
Acciaio inox AISI 304

#### APPLICATION

Multistage submersible water pumps for 4" deep wells (DN 100 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

#### OPERATING CONDITIONS

- Max. depth of immersion 150 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m<sup>3</sup>
- Start/hour 20 max.

#### MOTOR

- Two-pole induction motor (n=2850 min<sup>-1</sup>)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

#### MOTOR MATERIALS

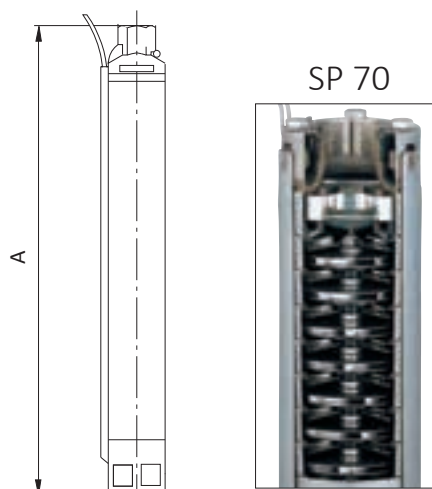
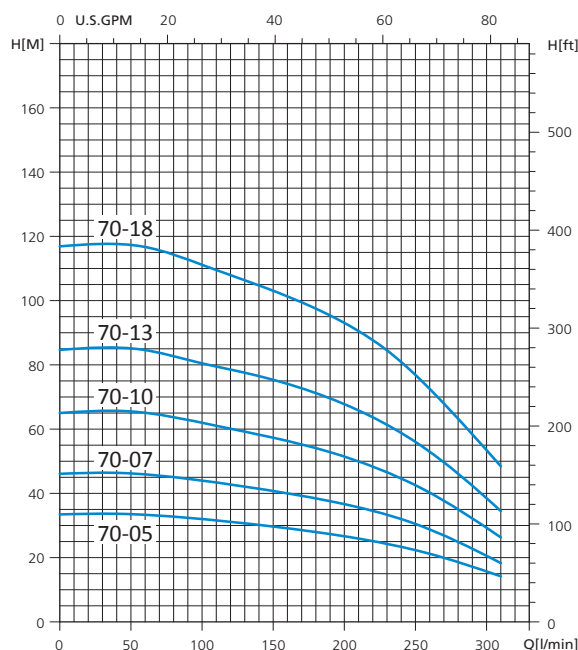
- External casing
- Motor shaft
- Upper bracket
- Mechanical seal

#### PUMP MATERIALS

- External casing
- Motor shaft
- Stages
- Impellers

Stainless steel AISI 304  
Stainless steel AISI 304  
Zinc plated Cast Iron  
Ceramic/Graphite

Stainless steel AISI 304  
Stainless steel AISI 304  
Polycarbonate  
Noryl



#### SP 70 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER |     | STADI<br>STAGES | Q = PORTATA - CAPACITY                                              |     |     |     |     |     |      |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|-----------------------------------|-----|-----------------|---------------------------------------------------------------------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-------------------------------|------------------------|
|              | P2                                |     |                 | m³/h                                                                | 0   | 6   | 7,2 | 8,4 | 9,6 | 10,8 | 12  | 15  | 18  |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                | kW  |                 | lt/1'                                                               | 0   | 100 | 120 | 140 | 160 | 180  | 200 | 250 | 300 |     |                               |                        |
|              |                                   |     |                 | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |     |     |     |     |      |     |     |     |     |                               |                        |
| SP 70-05     | 2                                 | 1,5 | 5               | H<br>(m)                                                            | 33  | 32  | 31  | 30  | 28  | 27   | 26  | 22  | 16  | 2"  | 505                           | 5                      |
| SP 70-07     | 3                                 | 2,2 | 7               |                                                                     | 46  | 44  | 43  | 42  | 40  | 37   | 36  | 30  | 20  | 2"  | 635                           | 6,3                    |
| SP 70-10     | 4                                 | 3   | 10              |                                                                     | 65  | 62  | 60  | 58  | 57  | 57   | 52  | 43  | 29  | 2"  | 830                           | 8,2                    |
| SP 70-13     | 5,5                               | 4   | 13              |                                                                     | 84  | 80  | 78  | 77  | 74  | 72   | 67  | 56  | 38  | 2"  | 1025                          | 10,2                   |
| SP 70-18     | 7,5                               | 5,5 | 18              |                                                                     | 117 | 111 | 108 | 104 | 102 | 97   | 93  | 77  | 54  | 2"  | 1350                          | 13,4                   |

ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 6"
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS

APPLICAZIONI
Elettropompe sommerse multistadio per pozzi profondi da 6"(DN 150 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazioni getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

- LIMITI D'IMPIEGO
- Profondità max. di immersione 350 mt
- Temperatura liquido fino a 35°C
(per un uso domestico secondo EN 60335-2-41)
Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza/ora 10 max.

- MOTORE
- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'acqua
- Isolamento Classe B
- Protezione IP 68
- Servizio continuo

- MATERIALI MOTORE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa
- Supporto inferiore Ghisa
- Tenuta meccanica Ceramica/Grafite

- MATERIALI POMPE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Stadi e giranti Acciaio inox AISI 304

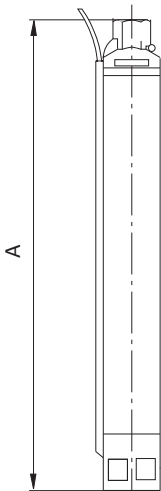
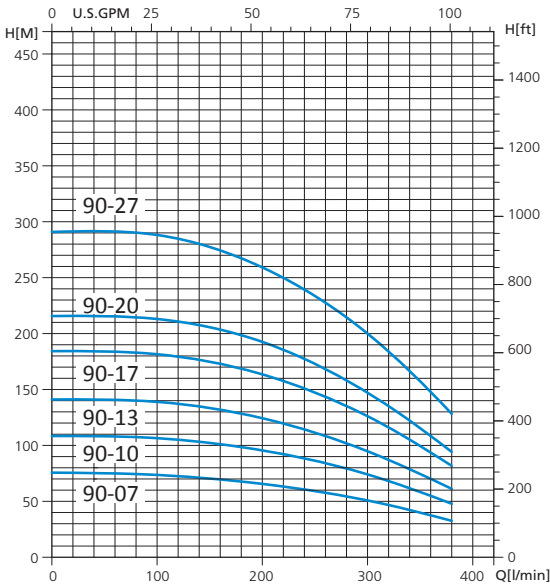
APPLICATION
Multistage submersible water pumps for 6" deep wells (DN 150 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire intallations and generally speaking for clean water supplying.

- OPERATING CONDITIONS
- Max. depth of immersion 350 mt
- Liquid temperature up to 35°C
(for home use according to EN 60335-2-41)
Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 10 max.

- MOTOR
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in water bath
- Class B Insulation
- IP 68 Protection
- Continuous duty

- MOTOR MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper body Cast Iron
- Lower body Cast Iron
- Mechanical seal Ceramic/Graphite

- PUMP MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Stages and impellers Stainless steel AISI 304



SP 90



SP 90 - 50 HZ

| TIPO<br>TYPE | POTENZA NOMINALE<br>NOMINAL POWER |     | STADI<br>STAGES | Q = PORTATA- CAPACITY                                              |     |     |     |     |     |      |     |     |                               | DNM  | DIMENSIONI<br>DIMENSIONS |  |
|--------------|-----------------------------------|-----|-----------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|------|-----|-----|-------------------------------|------|--------------------------|--|
|              | P2                                |     |                 | m³/h                                                               | 3   | 6   | 9   | 12  | 15  | 18   | 21  | 23  | Lunghezza<br>Lenght<br>A (mm) |      | Peso<br>Weight<br>(Kg)   |  |
|              | HP                                | kW  |                 | lt/1'                                                              | 50  | 100 | 150 | 200 | 250 | 300  | 350 | 383 |                               |      |                          |  |
|              |                                   |     |                 | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |      |     |     |                               |      |                          |  |
| SP 90-07     | 5,5                               | 4   | 7               | H<br>(m)                                                           | 75  | 74  | 70  | 66  | 59  | 50,5 | 40  | 32  | 2"½                           | 706  | 13,7                     |  |
| SP 90-10     | 7,5                               | 5,5 | 10              |                                                                    | 108 | 107 | 102 | 95  | 86  | 74   | 58  | 48  | 2"½                           | 887  | 18                       |  |
| SP 90-13     | 10                                | 7,5 | 13              |                                                                    | 141 | 139 | 133 | 124 | 112 | 95   | 75  | 60  | 2"½                           | 1069 | 22,4                     |  |
| SP 90-17     | 12,5                              | 9,3 | 17              |                                                                    | 184 | 182 | 175 | 163 | 147 | 126  | 100 | 80  | 2"½                           | 1311 | 28,2                     |  |
| SP 90-20     | 15                                | 11  | 20              |                                                                    | 216 | 213 | 206 | 192 | 173 | 147  | 116 | 95  | 2"½                           | 1492 | 32,5                     |  |
| SP 90-27     | 20                                | 15  | 27              |                                                                    | 291 | 288 | 277 | 259 | 234 | 200  | 158 | 128 | 2"½                           | 1916 | 42,7                     |  |

ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 6"
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS

APPLICAZIONI
Elettropompe sommerse multistadio per pozzi profondi da 6"(DN 150 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazioni getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

- LIMITI D'IMPIEGO
- Profondità max. di immersione 350 mt
- Temperatura liquido fino a 35°C
(per un uso domestico secondo EN 60335-2-41)
Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 10 max.

- MOTORE
- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'acqua
- Isolamento Classe B
- Protezione IP 68
- Servizio continuo

- MATERIALI MOTORE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa
- Supporto inferiore Ghisa
- Tenuta meccanica Ceramica/Grafite

- MATERIALI POMPE
- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Stadi e giranti Acciaio inox AISI 304

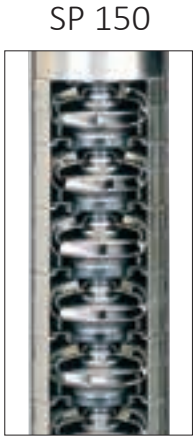
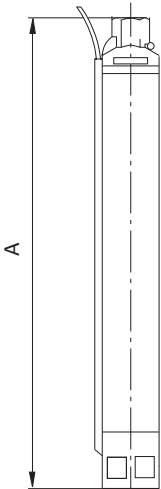
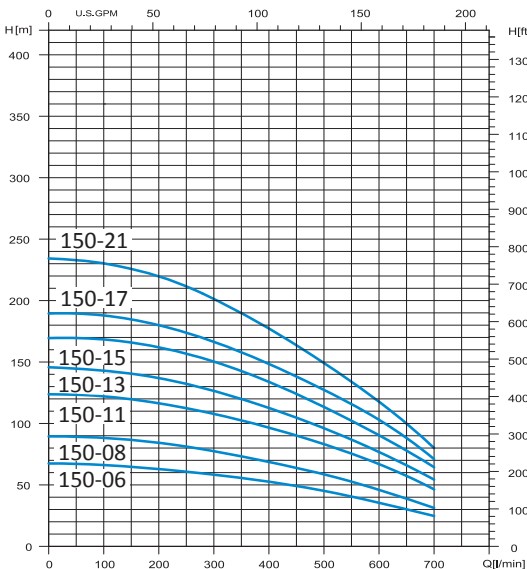
APPLICATION
Multistage submersible water pumps for 6" deep wells (DN 150 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire intallations and generally speaking for clean water supplying.

- OPERATING CONDITIONS
- Max. depth of immersion 350 mt
- Liquid temperature up to 35°C
(for home use according to EN 60335-2-41)
Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 10 max.

- MOTOR
- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in water bath
- Class B Insulation
- IP 68 Protection
- Continuous duty

- MOTOR MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper body Cast Iron
- Lower body Cast Iron
- Mechanical seal Ceramic/Graphite

- PUMP MATERIALS
- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Stages and impellers Stainless steel AISI 304



SP 150

| SP 150 - 50 HZ |                                                                    |      |                 |                       |     |     |     |     |     |     |     |     |     |     |     |     |                          |                               |                        |
|----------------|--------------------------------------------------------------------|------|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------|-------------------------------|------------------------|
| TIPO<br>TYPE   | POTENZA NOMINALE<br>NOMINAL POWER                                  |      | STADI<br>STAGES | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |     |     | DNM | DIMENSIONI<br>DIMENSIONS |                               |                        |
|                | P2                                                                 |      |                 | m³/h                  | 9   | 12  | 15  | 18  | 21  | 24  | 27  | 30  | 33  | 36  | 39  |     | 42                       | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(kg) |
|                | HP                                                                 | kW   |                 | lt/1'                 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 |     | 700                      |                               |                        |
|                | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                 |                       |     |     |     |     |     |     |     |     |     |     |     |     |                          |                               |                        |
| SP 150-06      | 7,5                                                                | 5,5  | 6               | H<br>(m)              | 64  | 62  | 60  | 58  | 56  | 52  | 49  | 45  | 40  | 36  | 30  | 25  | 3"                       | 846                           | 15,2                   |
| SP 150-08      | 10                                                                 | 7,5  | 8               |                       | 87  | 84  | 81  | 78  | 73  | 68  | 64  | 58  | 53  | 46  | 38  | 31  | 3"                       | 1038                          | 18,6                   |
| SP 150-11      | 15                                                                 | 11   | 11              |                       | 120 | 117 | 112 | 108 | 102 | 97  | 90  | 83  | 76  | 67  | 57  | 47  | 3"                       | 1326                          | 23,6                   |
| SP 150-13      | 15                                                                 | 11   | 13              |                       | 140 | 137 | 132 | 127 | 120 | 113 | 105 | 97  | 87  | 77  | 66  | 55  | 3"                       | 1518                          | 27                     |
| SP 150-15      | 17,5                                                               | 13   | 15              |                       | 166 | 162 | 157 | 150 | 142 | 134 | 124 | 113 | 102 | 90  | 77  | 65  | 3"                       | 1710                          | 30,4                   |
| SP 150-17      | 20                                                                 | 15   | 17              |                       | 185 | 180 | 173 | 167 | 158 | 148 | 138 | 127 | 116 | 103 | 88  | 71  | 3"                       | 1902                          | 33,8                   |
| SP 150-21      | 25                                                                 | 18,5 | 21              |                       | 226 | 220 | 212 | 202 | 190 | 177 | 164 | 149 | 134 | 117 | 100 | 80  | 3"                       | 2286                          | 40,6                   |



ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 6"
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 6" (DN 150 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazioni getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 350 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 10 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'acqua
- Isolamento Classe B
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna
- Albero motore
- Supporto superiore
- Supporto inferiore
- Tenuta meccanica

Acciaio inox AISI 304
Acciaio inox AISI 304
Ghisa
Ghisa
Ceramica/Grafite

MATERIALI POMPE

- Camicia esterna
- Albero motore
- Stadi e giranti

Acciaio inox AISI 304
Acciaio inox AISI 304
Acciaio inox AISI 304

APPLICATION

Multistage submersible water pumps for 6" deep wells (DN 150 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire installations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 350 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 10 max.

MOTOR

- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in water bath
- Class B Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

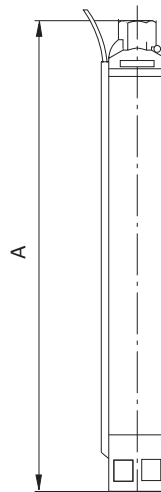
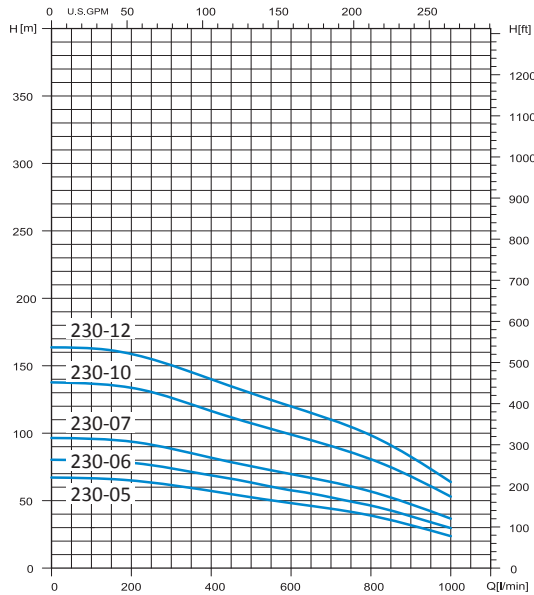
- External casing
- Motor shaft
- Upper body
- Lower body
- Mechanical seal

Stainless steel AISI 304
Stainless steel AISI 304
Cast Iron
Cast Iron
Ceramic/Graphite

PUMP MATERIALS

- External casing
- Motor shaft
- Stages and impellers

Stainless steel AISI 304
Stainless steel AISI 304
Stainless steel AISI 304



SP 230



SP 230 - 50 HZ

| TIPO<br>TYPE | POTENZA<br>NOMINALE<br><br>NOMINAL<br>POWER |      | STADI<br>STAGES | Q = PORTATA - CAPACITY                                              |     |     |     |     |     |     |     |     |     |    |    |    | DNM | DIMENSIONI<br>DIMENSIONS      |                        |
|--------------|---------------------------------------------|------|-----------------|---------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-------------------------------|------------------------|
|              | P2                                          |      |                 | m³/h                                                                | 12  | 15  | 18  | 21  | 24  | 27  | 30  | 36  | 42  | 48 | 54 | 60 |     | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                          | kW   |                 |                                                                     |     |     |     |     |     |     |     |     |     |    |    |    |     |                               |                        |
|              |                                             |      |                 | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |     |     |    |    |    |     |                               |                        |
|              |                                             |      |                 |                                                                     |     |     |     |     |     |     |     |     |     |    |    |    |     |                               |                        |
| SP 230-05    | 10                                          | 7,5  | 5               | H<br>(m)                                                            | 65  | 63  | 61  | 59  | 57  | 55  | 53  | 48  | 44  | 39 | 32 | 24 | 3"  | 835                           | 16                     |
| SP 230-06    | 12,5                                        | 9,3  | 6               |                                                                     | 80  | 78  | 75  | 72  | 70  | 68  | 65  | 59  | 54  | 48 | 40 | 30 | 3"  | 984                           | 18,3                   |
| SP 230-07    | 15                                          | 11   | 7               |                                                                     | 94  | 92  | 88  | 85  | 82  | 79  | 76  | 70  | 64  | 57 | 47 | 37 | 3"  | 1061                          | 20,6                   |
| SP 230-10    | 20                                          | 15   | 10              |                                                                     | 133 | 130 | 127 | 122 | 117 | 112 | 107 | 98  | 90  | 80 | 67 | 53 | 3"  | 1400                          | 27,4                   |
| SP 230-12    | 25                                          | 18,5 | 12              |                                                                     | 158 | 155 | 150 | 145 | 140 | 135 | 130 | 120 | 110 | 98 | 83 | 64 | 3"  | 1626                          | 32                     |



ELETTROPOMPE SOMMERSE INOX MULTISTADIO PER POZZI 6"
INOX MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS

APPLICAZIONI

Elettropompe sommerse multistadio per pozzi profondi da 6"(DN 150 mm). Particolarmente adatte per applicazioni civili e industriali, alimentazioni getti d'acqua e fontane, impianti antincendio, l'irrigazione in generale e per l'approvvigionamento di acqua pulita.

LIMITI D'IMPIEGO

- Profondità max. di immersione 350 mt
- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Contenuto di sabbia max. 50 g/m³
- Partenza /ora 10 max.

MOTORE

- Motore elettrico ad induzione a 2 poli (n=2850 min⁻¹)
- Motore sommerso in bagno d'acqua
- Isolamento Classe B
- Protezione IP 68
- Servizio continuo

MATERIALI MOTORE

- Camicia esterna
- Albero motore
- Supporto superiore
- Supporto inferiore
- Tenuta meccanica

Acciaio inox AISI 304
Acciaio inox AISI 304
Ghisa
Ghisa
Ceramica/Grafite

MATERIALI POMPE

- Camicia esterna
- Albero motore
- Stadi e giranti

Acciaio inox AISI 304
Acciaio inox AISI 304
Acciaio inox AISI 304

APPLICATION

Multistage submersible water pumps for 6" deep wells (DN 150 mm). Particularly suitable for civil and industrial purposes, for sprinkler and food irrigation plants, in fire intallations and generally speaking for clean water supplying.

OPERATING CONDITIONS

- Max. depth of immersion 350 mt
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Sand content max. 50 g/m³
- Start/hour 10 max.

MOTOR

- Two-pole induction motor (n=2850 min⁻¹)
- Submersible motor in water bath
- Class B Insulation
- IP 68 Protection
- Continuous duty

MOTOR MATERIALS

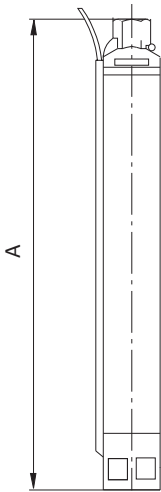
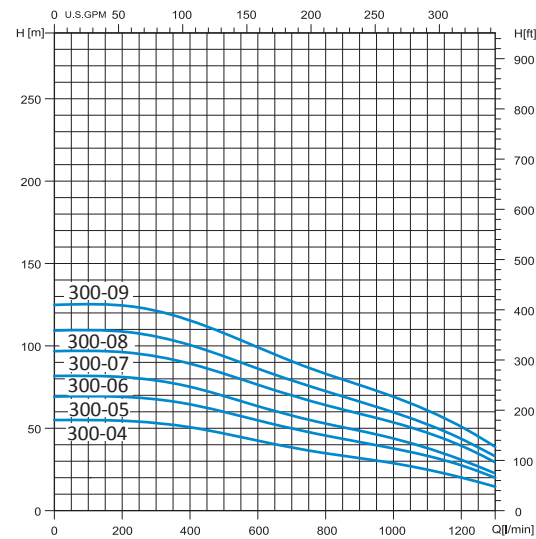
- External casing
- Motor shaft
- Upper body
- Lower body
- Mechanical seal

Stainless steel AISI 304
Stainless steel AISI 304
Cast Iron
Cast Iron
Ceramic/Graphite

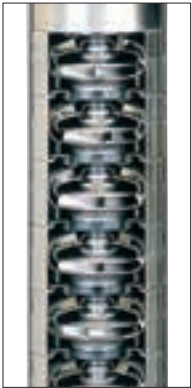
PUMP MATERIALS

- External casing
- Motor shaft
- Stages and impellers

Stainless steel AISI 304
Stainless steel AISI 304
Stainless steel AISI 304



SP 300



SP 300 - 50 HZ

| TIPO<br>TYPE | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | STADI<br>STAGES | Q = PORTATA- CAPACITY                                              |     |     |     |     |     |     |     |     |     |      |      |      | DNM | DIMENSIONI<br>DIMENSIONS |                               |                        |
|--------------|-----------------------------------------|------|-----------------|--------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|--------------------------|-------------------------------|------------------------|
|              | P2                                      |      |                 | m³/h                                                               | 18  | 21  | 24  | 27  | 30  | 36  | 42  | 48  | 54  | 60   | 66   | 72   |     | 78                       | Lunghezza<br>Lenght<br>A (mm) | Peso<br>Weight<br>(Kg) |
|              | HP                                      | kW   |                 | lt/1'                                                              | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 |     | 1300                     |                               |                        |
|              |                                         |      |                 | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |     |     |     |     |     |     |     |     |     |      |      |      |     |                          |                               |                        |
| SP 300-04    | 10                                      | 7,5  | 4               | H<br>(m)                                                           | 53  | 52  | 51  | 48  | 47  | 43  | 38  | 35  | 32  | 28   | 25   | 20   | 14  | 4"                       | 722                           | 13,7                   |
| SP 300-05    | 12,5                                    | 9,3  | 5               |                                                                    | 67  | 66  | 64  | 62  | 60  | 55  | 50  | 46  | 42  | 38   | 33   | 27   | 19  | 4"                       | 835                           | 16                     |
| SP 300-06    | 15                                      | 11   | 6               |                                                                    | 79  | 78  | 76  | 73  | 70  | 64  | 58  | 53  | 48  | 44   | 38   | 32   | 23  | 4"                       | 948                           | 18,3                   |
| SP 300-07    | 17,5                                    | 13   | 7               |                                                                    | 94  | 92  | 89  | 86  | 84  | 77  | 70  | 64  | 59  | 54   | 47   | 40   | 29  | 4"                       | 1061                          | 20,6                   |
| SP 300-08    | 20                                      | 15   | 8               |                                                                    | 106 | 104 | 101 | 97  | 94  | 87  | 80  | 73  | 67  | 60   | 53   | 44   | 33  | 4"                       | 1174                          | 22,9                   |
| SP 300-09    | 25                                      | 18,5 | 9               |                                                                    | 122 | 118 | 116 | 112 | 108 | 99  | 91  | 83  | 76  | 69   | 61   | 51   | 38  | 4"                       | 1287                          | 25,1                   |





## MOTORI SOMMERSI MULTISTADIO IN BAGNO D'OLIO PER POZZI 4"

### MULTISTAGE SUBMERSIBLE MOTORS IN OIL BATH FOR 4" WELLS

#### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)

#### MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n=2850 min<sup>-1</sup>)
- Motore sommerso in bagno d'olio
- Isolamento Classe F
- Protezione IP 68
- Servizio continuo

#### MATERIALI MOTORE

- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa zincata
- Tenuta meccanica Ceramica/Grafite

#### OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)

#### MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-pole induction motor (n=2850 min<sup>-1</sup>)
- Submersible motor in oil bath
- Class F Insulation
- IP 68 Protection
- Continuous duty

#### MOTOR MATERIALS

- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper bracket Zinc plated Cast Iron
- Mechanical seal Ceramic/Graphite



### MOTORI MONOFASE 50Hz - SINGLE-PHASE MOTORS 50Hz

| TIPO- TYPE               | POTENZA NOMINALE<br>NOMINAL POWER |      | Voltage | IN   | Istart | Efficienza      | COS  φ | RPM  | Thrust Load | Condensatore | Cavo - Cable    |     |
|--------------------------|-----------------------------------|------|---------|------|--------|-----------------|--------|------|-------------|--------------|-----------------|-----|
| Monofase<br>Single-phase | P2                                |      | V       | A    | A      | Efficiency<br>% |        |      | N           | Capacitor    | mm <sup>2</sup> | mt. |
|                          | HP                                | kW   |         |      |        |                 |        |      |             |              |                 |     |
| MT4 0,5                  | 0,5                               | 0,37 | 230     | 3,6  | 12     | 52              | 0,87   | 2810 | 2000        | 20           | 4x1,5           | 1,7 |
| MT4 0,75                 | 0,75                              | 0,55 | 230     | 4,8  | 16,5   | 57              | 0,88   | 2820 | 2000        | 25           | 4x1,5           | 1,7 |
| MT4 1                    | 1                                 | 0,75 | 230     | 5,8  | 18,9   | 62              | 0,90   | 2825 | 2000        | 35           | 4x1,5           | 1,7 |
| MT4 1,5                  | 1,5                               | 1,1  | 230     | 8,1  | 26,2   | 64              | 0,91   | 2845 | 2000        | 40           | 4x1,5           | 1,7 |
| MT4 2                    | 2                                 | 1,5  | 230     | 10,6 | 35     | 66              | 0,93   | 2825 | 2000        | 60           | 4x1,5           | 1,7 |
| MT4 3                    | 3                                 | 2,2  | 230     | 15,2 | 47     | 67              | 0,93   | 2815 | 3000        | 80           | 4x1,5           | 1,7 |

### MOTORI TRIFASE 50Hz - THREE-PHASE MOTORS 50Hz

| TIPO- TYPE             | POTENZA NOMINALE<br>NOMINAL POWER |      | Voltage | IN   | Istart | Efficienza      | COS  φ | RPM  | Thrust Load | Cavo - Cable    |     |
|------------------------|-----------------------------------|------|---------|------|--------|-----------------|--------|------|-------------|-----------------|-----|
| Trifase<br>Three-phase | P2                                |      | V       | A    | A      | Efficiency<br>% |        |      | N           | mm <sup>2</sup> | mt. |
| HP                     | kW                                |      |         |      |        |                 |        |      |             |                 |     |
| MT4t 0,5               | 0,5                               | 0,37 | 400     | 1,8  | 5,8    | 58              | 0,54   | 2835 | 2000        | 4x1,5           | 1,7 |
| MT4t 0,75              | 0,75                              | 0,55 | 400     | 2,1  | 8      | 63              | 0,65   | 2800 | 2000        | 4x1,5           | 1,7 |
| MT4t 1                 | 1                                 | 0,75 | 400     | 2,3  | 9,4    | 63              | 0,77   | 2820 | 2000        | 4x1,5           | 1,7 |
| MT4t 1,5               | 1,5                               | 1,1  | 400     | 3,4  | 15,5   | 68              | 0,69   | 2825 | 2000        | 4x1,5           | 1,7 |
| MT4t 2                 | 2                                 | 1,5  | 400     | 4,8  | 18     | 71              | 0,63   | 2840 | 2000        | 4x1,5           | 1,7 |
| MT4t 3                 | 3                                 | 2,2  | 400     | 6,2  | 39,5   | 72              | 0,69   | 2815 | 3000        | 4x1,5           | 1,7 |
| MT4t 4                 | 4                                 | 3    | 400     | 6,7  | 34,2   | 75              | 0,84   | 2840 | 5000        | 4x2             | 2,7 |
| MT4t 5,5               | 5,5                               | 4    | 400     | 8,9  | 49,5   | 76              | 0,83   | 2850 | 5000        | 4x2             | 2,7 |
| MT4t 7,5               | 7,5                               | 5,5  | 400     | 11,7 | 64     | 78              | 0,86   | 2835 | 5000        | 4x2             | 2,7 |
| MT4t 10                | 10                                | 7,5  | 400     | 16,4 | 88     | 81              | 0,81   | 2840 | 5000        | 4x2             | 2,7 |

## MOTORI SOMMERSI MULTISTADIO IN BAGNO D'ACQUA PER POZZI 6" MULTISTAGE SUBMERSIBLE MOTORS IN WATER BATH FOR 6" WELLS

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)

### MOTORE

- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n=2850 min<sup>-1</sup>)
- Motore sommerso in bagno d'acqua
- Isolamento Classe B
- Protezione IP 68
- Servizio continuo

### MATERIALI MOTORE

- Camicia esterna Acciaio inox AISI 304
- Albero motore Acciaio inox AISI 304
- Supporto superiore Ghisa
- Supporto inferiore Ghisa
- Tenuta meccanica Ceramica/Grafite

### OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)

### MOTOR

- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-pole induction motor (n=2850 min<sup>-1</sup>)
- Submersible motor in water bath
- Class B Insulation
- IP 68 Protection
- Continuous duty

### MOTOR MATERIALS

- External casing Stainless steel AISI 304
- Motor shaft Stainless steel AISI 304
- Upper body Cast Iron
- Lower body Cast Iron
- Mechanical seal Ceramic/Graphite

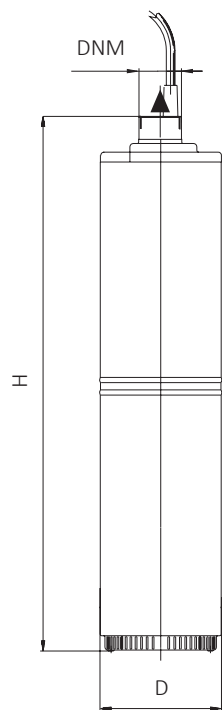


## MOTORI TRIFASE 50Hz - THREE-PHASE MOTORS 50Hz

| TIPO- TYPE             | POTENZA NOMINALE<br>NOMINAL POWER |      | Voltage | Current (A) |       | Efficienza- <i>Efficiency</i> (% load) |     |      | COS ϕ (% load) |     |      | RPM  |
|------------------------|-----------------------------------|------|---------|-------------|-------|----------------------------------------|-----|------|----------------|-----|------|------|
| Trifase<br>Three-phase | P2                                |      | V       | IN          | IA    | 50%                                    | 75% | 100% | 50%            | 75% | 100% |      |
|                        | HP                                | kW   |         |             |       |                                        |     |      |                |     |      |      |
| MT6t 5,5               | 5,5                               | 4    | 400     | 9,8         | 37,8  | 68                                     | 72  | 72   | 59             | 67  | 82   | 2785 |
| MT6t 7,5               | 7,5                               | 5,5  | 400     | 12,8        | 50,6  | 70                                     | 74  | 76   | 59             | 67  | 82   | 2795 |
| MT6t 10                | 10                                | 7,5  | 400     | 16,5        | 63,8  | 79                                     | 80  | 80   | 59             | 67  | 82   | 2805 |
| MT6t 12,5              | 12,5                              | 9,3  | 400     | 20,2        | 78,1  | 80                                     | 81  | 81   | 59             | 67  | 82   | 2855 |
| MT6t 15                | 15                                | 11   | 400     | 22,8        | 88    | 82                                     | 83  | 83   | 63             | 71  | 84   | 2825 |
| MT6t 17,5              | 17,5                              | 13   | 400     | 27,6        | 106,6 | 81                                     | 82  | 82   | 61             | 69  | 83   | 2835 |
| MT6t 20                | 20                                | 15   | 400     | 32,2        | 124,5 | 80                                     | 81  | 81   | 61             | 69  | 82   | 2855 |
| MT6t 25                | 25                                | 18,5 | 400     | 40,2        | 155,4 | 81                                     | 82  | 82   | 59             | 67  | 82   | 2865 |
| MT6t 30                | 30                                | 22   | 400     | 46,7        | 180,3 | 82                                     | 83  | 83   | 59             | 67  | 82   | 2875 |
| MT6t 35                | 35                                | 26,5 | 400     | 54,9        | 212   | 83                                     | 84  | 84   | 61             | 69  | 83   | 2885 |
| MT6t 40                | 40                                | 30   | 400     | 62,1        | 240   | 83                                     | 84  | 84   | 61             | 69  | 83   | 2895 |
| MT6t 50                | 50                                | 37   | 400     | 76,7        | 303,3 | 81                                     | 82  | 84   | 61             | 69  | 83   | 2905 |
| MT6t 60                | 60                                | 45   | 400     | 93,2        | 360,2 | 81                                     | 82  | 84   | 61             | 69  | 83   | 2905 |

# ELETTROPOMPE SOMMERSE MULTISTADIO PER POZZI 6"

MULTISTAGE SUBMERSIBLE  
PUMPS FOR 6" WELLS



TMS-F



TMS S-F



Modelli con  
galleggiante

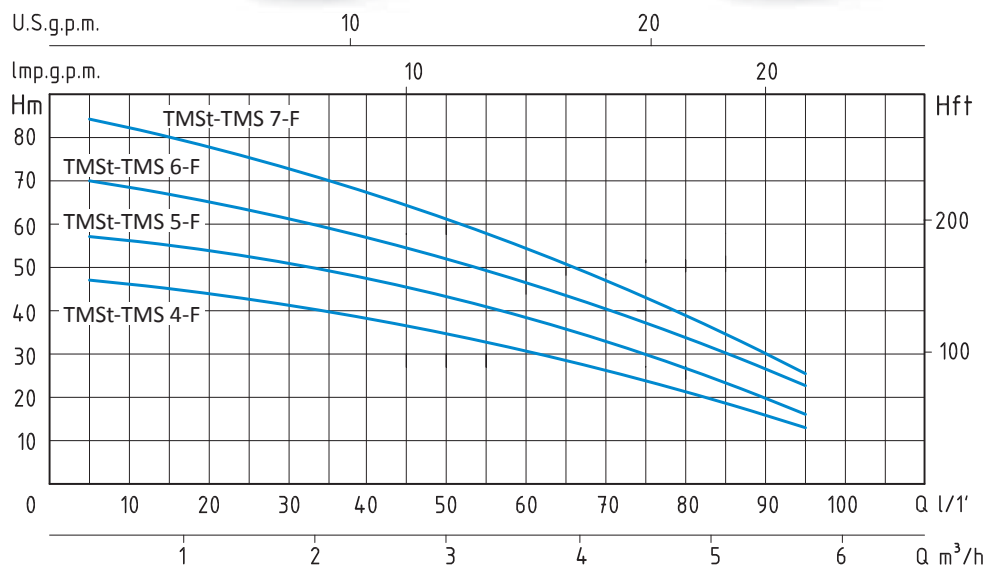
Models with  
floaters

TMS 4/S-F

TMS 5/S-F

TMS 6/S-F

TMS 7/S-F



## TMS - 50 HZ - 1 PHASE - 3 PHASE

| TIPO<br>TYPE                                                       |                        | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Condensatore<br>Capacitor | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |     |
|--------------------------------------------------------------------|------------------------|----------------------------------------|--------------------------|------------------------|---------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Monofase<br>Single-phase                                           | Trifase<br>Three-phase | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | μf                        | m³/h                  | 0,3 | 0,6 | 0,9 | 1,2 | 1,8 | 2,7 | 3,6 | 4,2 | 5,1 | 5,7 |
|                                                                    |                        | Watt                                   |                          |                        |                           | lt/1'                 | 5   | 10  | 15  | 20  | 30  | 45  | 60  | 70  | 85  | 95  |
| Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                        |                                        |                          |                        |                           |                       |     |     |     |     |     |     |     |     |     |     |
| TMS 4-F                                                            | TMSt 4-F               | 1100                                   | 5,2                      | 2                      | 20                        | H<br>(m)              | 47  | 46  | 45  | 43  | 42  | 37  | 31  | 26  | 18  | 12  |
| TMS 5-F                                                            | TMSt 5-F               | 1400                                   | 6,5                      | 3                      | 25                        |                       | 58  | 57  | 56  | 55  | 52  | 45  | 38  | 35  | 23  | 16  |
| TMS 6-F                                                            | TMSt 6-F               | 1600                                   | 7,5                      | 3,2                    | 30                        |                       | 70  | 69  | 68  | 67  | 64  | 55  | 49  | 41  | 31  | 22  |
| TMS 7-F                                                            | TMSt 7-F               | 1850                                   | 8,5                      | 3,4                    | 35                        |                       | 84  | 83  | 80  | 77  | 74  | 67  | 55  | 47  | 35  | 25  |

## APPLICAZIONI

Elettropompe sommerse centrifughe multistadio per il pompaggio di acqua pulita senza sostanze abrasive. Particolarmente indicate per impianti di irrigazione, approvvigionamento acqua potabile, lavaggio, aumento di pressione in generale. Possono essere usate per realizzare piccoli gruppi di pressurizzazione domestici assolutamente silenziosi. Elevata resistenza alla corrosione grazie all'impiego di acciaio inox per il corpo pompa e il motore.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Profondità immersione 15 mt (4F)
- Profondità immersione 20 mt
- Contenuto di sabbia 40 g/m<sup>3</sup>
- Partenza/ora 45 max.

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Protezione amperometrica a riarmo automatico incorporata
- Isolamento Classe F
- Protezione IP 68

## MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Griglia: Acciaio Inox AISI 304
- Girante e diffusori: Noryl
- Supporti: Ghisa
- Albero: Acciaio Inox AISI 304
- Corpo motore: Acciaio Inox AISI 304
- Tenuta meccanica con camera d'olio: Silicio/Silicio/NBR

## APPLICATION

Centrifugal submersible multistage water pumps for clean water drainage. Particularly suitable in irrigation systems, drinkable water supplying, washing and generally speaking where a pressure increase is requested. They are rest-resistant thanks to their pump body and motor in stainless steel.

## OPERATING CONDITIONS

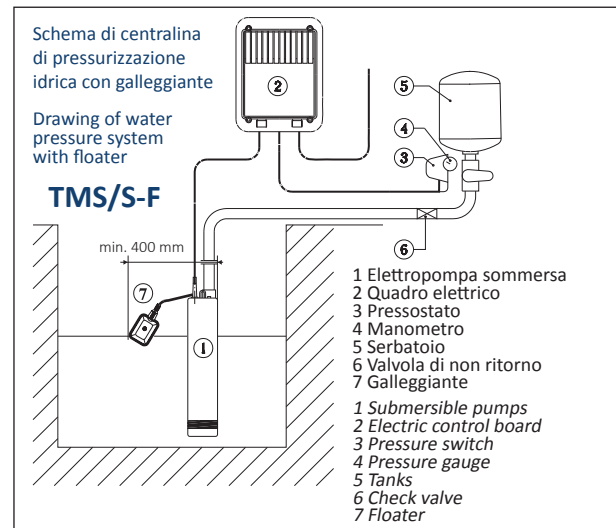
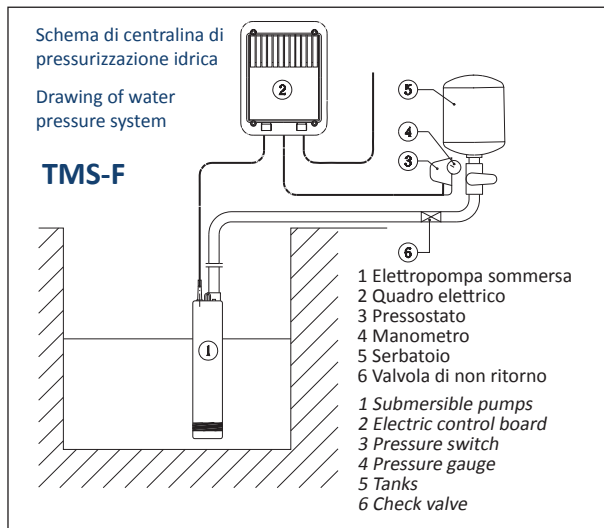
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Submersion depth 15 mt (4F)
- Submersion depth 20 mt
- Sand content 40 g/m<sup>3</sup>
- Start/hour 45 max

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Built-in over load motor protector with automatic reset
- Insulation Class F
- Protection IP 68

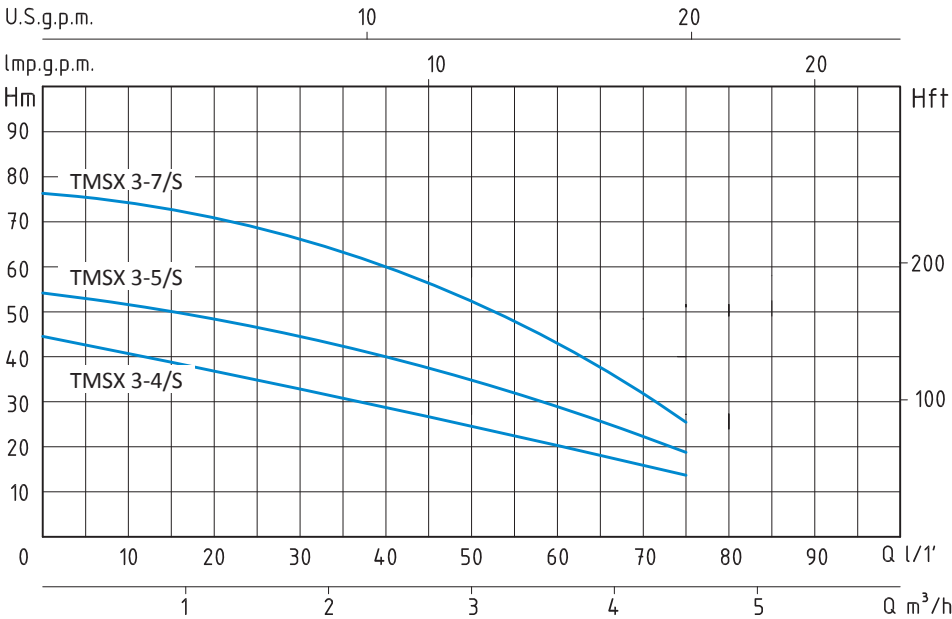
## MATERIALS

- External pump body: Stainless Steel AISI 304
- Suction strainer: Stainless Steel AISI 304
- Impeller and diffusers: Noryl
- Bearing brackets: Cast Iron
- Shaft: Stainless Steel AISI 304
- Motor housing: Stainless Steel AISI 304
- Mechanical seal with oil chamber: Silicon/Silicon/NBR



| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |                      |               |       | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|----------------------|---------------|-------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | D                            | H   | Giranti<br>Impellers | Cavo<br>Cable | DNM   | P                              | L   | H   | Kg             |
| TMS 4-F                  | TMSt 4-F               | 128                          | 496 | 4                    | 15 mt         | 1"1/4 | 197                            | 588 | 270 | 17,3           |
| TMS 5-F                  | TMSt 5-F               | 128                          | 496 | 5                    | 20 mt         | 1"1/4 | 197                            | 588 | 270 | 18,4           |
| TMS 6-F                  | TMSt 6-F               | 128                          | 564 | 6                    | 20 mt         | 1"1/4 | 212                            | 640 | 282 | 19,9           |
| TMS 7-F                  | TMSt 7-F               | 128                          | 564 | 7                    | 30 mt         | 1"1/4 | 212                            | 640 | 282 | 23,5           |

ELETTROPOMPE SOMMERSE MULTISTADIO PER POZZI 6”  
MULTISTAGE SUBMERSIBLE PUMPS FOR 6” WELLS



| TMSX - 50 HZ - 1 PHASE   |                               |                          |                        |                                                                     |    |     |     |     |     |     |
|--------------------------|-------------------------------|--------------------------|------------------------|---------------------------------------------------------------------|----|-----|-----|-----|-----|-----|
| TIPO- TYPE               | POTENZA ASSORBITA INPUT POWER | AMPERE                   | Condensatore Capacitor | Q = PORTATA - CAPACITY                                              |    |     |     |     |     |     |
|                          | P1<br>Watt                    |                          |                        | m³/h                                                                | 0  | 0,6 | 1,5 | 2,4 | 3,6 | 4,5 |
| Monofase<br>Single-phase |                               | Monofase<br>Single-phase | µf                     | lt/1'                                                               | 0  | 10  | 25  | 40  | 60  | 75  |
|                          |                               |                          |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |    |     |     |     |     |     |
| TMSX 3-4/S               | 850                           | 4                        | 20                     | H<br>(m)                                                            | 42 | 39  | 35  | 28  | 20  | 12  |
| TMSX 3-5/S               | 1100                          | 5                        | 20                     |                                                                     | 55 | 51  | 47  | 40  | 30  | 19  |
| TMSX 3-7/S               | 1450                          | 6,5                      | 30                     |                                                                     | 79 | 73  | 68  | 55  | 40  | 25  |

## APPLICAZIONI

Elettropompe sommerse centrifughe multistadio per il pompaggio di acqua pulita senza sostanze abrasive. Particolarmente indicate per impianti di irrigazione, approvvigionamento acqua potabile, lavaggio, aumento di pressione in generale. Possono essere usate per realizzare piccoli gruppi di pressurizzazione domestici assolutamente silenziosi. Elevata resistenza alla corrosione grazie all'impiego di acciaio inox per il corpo pompa e il motore.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Profondità immersione 15 mt (3-4/S)
- Profondità immersione 20 mt
- Contenuto di sabbia 40 g/m<sup>3</sup>
- Partenza/ora 30 max.

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Protezione amperometrica a riarmo automatico incorporata
- Isolamento Classe F
- Protezione IP 68

## MATERIALI

- Corpo pompa: Acciaio Inox AISI 304
- Griglia: Acciaio Inox AISI 304
- Girante e diffusori: Acciaio Inox AISI 304
- Supporti: Ottone
- Albero: Acciaio Inox AISI 304
- Corpo motore: Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d'olio: Ceramica/Grafite/NBR
- Silicio/Silicio/NBR

## APPLICATION

Centrifugal submersible multistage water pumps for clean water drainage. Particularly suitable in irrigation systems, drinkable water supplying, washing and generally speaking where a pressure increase is requested. They are rest-resistant thanks to their pump body and motor in stainless steel.

## OPERATING CONDITIONS

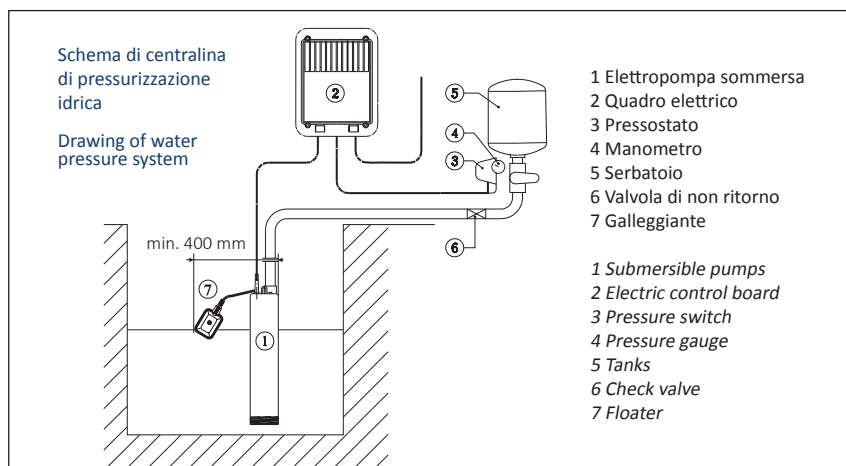
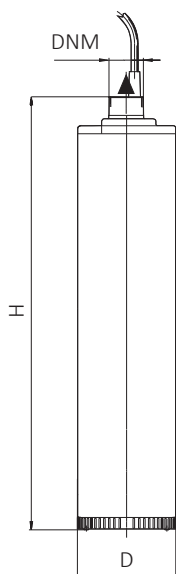
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Submersion depth 15 mt (3-4/S)
- Submersion depth 20 mt
- Sand content 40 g/m<sup>3</sup>
- Start/hour 30 max

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Built-in over load motor protector with automatic reset
- Insulation Class F
- Protection IP 68

## MATERIALS

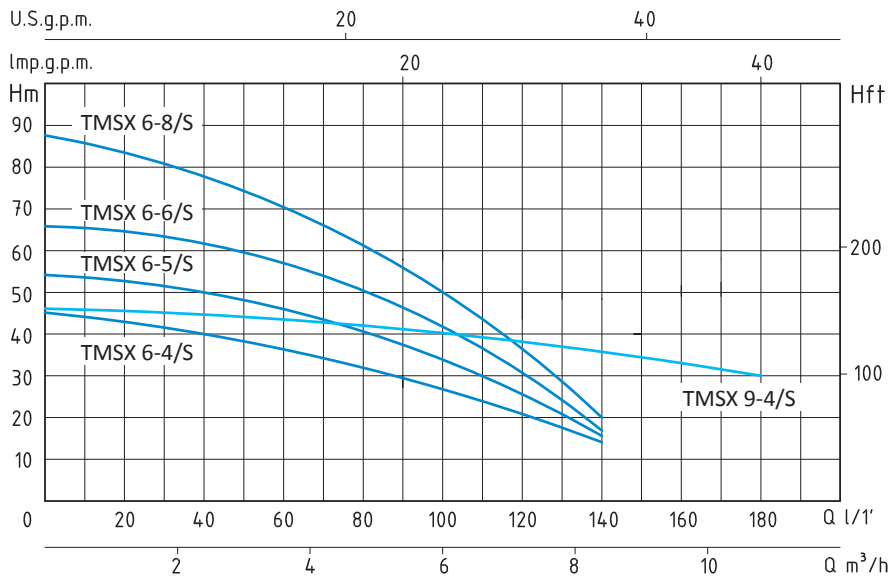
- External pump body: Stainless Steel AISI 304
- Suction strainer: Stainless Steel AISI 304
- Impeller and diffusors: Stainless Steel AISI 304
- Bearing brackets: Brass
- Shaft: Stainless Steel AISI 304
- Motor housing: Stainless Steel AISI 304
- Double mechanical seal in oil chamber: Ceramic/Graphite/NBR
- Silicon/Silicon/NBR



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |                      |               |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|----------------------|---------------|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | D                            | H   | Giranti<br>Impellers | Cavo<br>Cable | DNM | P                              | L   | H   | Kg             |
| TMSX 3-4/S               | 130                          | 434 | 4                    | 15 mt         | 1"¼ | 212                            | 640 | 282 | 15,8           |
| TMSX 3-5/S               | 130                          | 458 | 5                    | 20 mt         | 1"¼ | 212                            | 640 | 282 | 18,4           |
| TMSX 3-7/S               | 130                          | 530 | 7                    | 30 mt         | 1"¼ | 212                            | 640 | 282 | 21,8           |



ELETTROPOMPE SOMMERSE MULTISTADIO PER POZZI 6"  
MULTISTAGE SUBMERSIBLE PUMPS FOR 6" WELLS



| TMSX - 50 HZ - 1 PHASE   |                                                                    |                          |                        |                       |    |     |     |     |     |     |     |     |    |
|--------------------------|--------------------------------------------------------------------|--------------------------|------------------------|-----------------------|----|-----|-----|-----|-----|-----|-----|-----|----|
| TIPO- TYPE               | POTENZA ASSORBITA<br>INPUT POWER                                   | AMPERE                   | Condensatore Capacitor | Q = PORTATA- CAPACITY |    |     |     |     |     |     |     |     |    |
| Monofase<br>Single-phase | P1                                                                 | Monofase<br>Single-phase | µf                     | m³/h                  | 0  | 1,5 | 2,4 | 3,6 | 4,5 | 5,4 | 6   | 8   | 11 |
|                          | lt/1'                                                              |                          |                        | 0                     | 25 | 40  | 60  | 75  | 90  | 100 | 133 | 183 |    |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |                          |                        |                       |    |     |     |     |     |     |     |     |    |
| TMSX 6-4/S               | 1200                                                               | 6                        | 25                     | H<br>(m)              | 45 | 42  | 39  | 36  | 33  | 30  | 25  | 13  |    |
| TMSX 6-5/S               | 1500                                                               | 7                        | 25                     |                       | 56 | 53  | 50  | 47  | 43  | 40  | 33  | 15  |    |
| TMSX 6-6/S               | 1600                                                               | 7,5                      | 30                     |                       | 66 | 63  | 58  | 53  | 48  | 45  | 37  | 15  |    |
| TMSX 6-8/S               | 2000                                                               | 9,2                      | 35                     |                       | 88 | 83  | 77  | 70  | 64  | 60  | 48  | 20  |    |
| TMSX 9-4/S               | 2000                                                               | 9,2                      | 35                     |                       | 47 | 46  | 44  | 43  | 42  | 41  | 40  | 37  | 30 |

APPLICAZIONI

Elettropompe sommerse centrifughe multistadio per il pompaggio di acqua pulita senza sostanze abrasive. Particolarmente indicate per impianti di irrigazione, approvvigionamento acqua potabile, lavaggio, aumento di pressione in generale. Possono essere usate per realizzare piccoli gruppi di pressurizzazione domestici assolutamente silenziosi. Elevata resistenza alla corrosione grazie all'impiego di acciaio inox per il corpo pompa e il motore.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C (per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Profondità immersione 15 mt (6-4/S)
- Profondità immersione 20 mt
- Contenuto di sabbia 40 g/m³
- Partenza/ora 30 max.

MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min⁻¹)
- Protezione amperometrica a riarmo automatico incorporata
- Isolamento Classe F
- Protezione IP 68

MATERIALI

- Corpo pompa Acciaio Inox AISI 304
- Griglia Acciaio Inox AISI 304
- Girante e diffusori Acciaio Inox AISI 304
- Supporti Ottone
- Albero Acciaio Inox AISI 304
- Corpo motore Acciaio Inox AISI 304
- Doppia tenuta meccanica in camera d'olio Ceramica/Grafite/NBR
- Silicio/Silicio/NBR

APPLICATION

Centrifugal submersible multistage water pumps for clean water drainage. Particularly suitable in irrigation systems, drinkable water supplying, washing and generally speaking where a pressure increase is requested. They are rest-resistant thanks to their pump body and motor in stainless steel.

OPERATING CONDITIONS

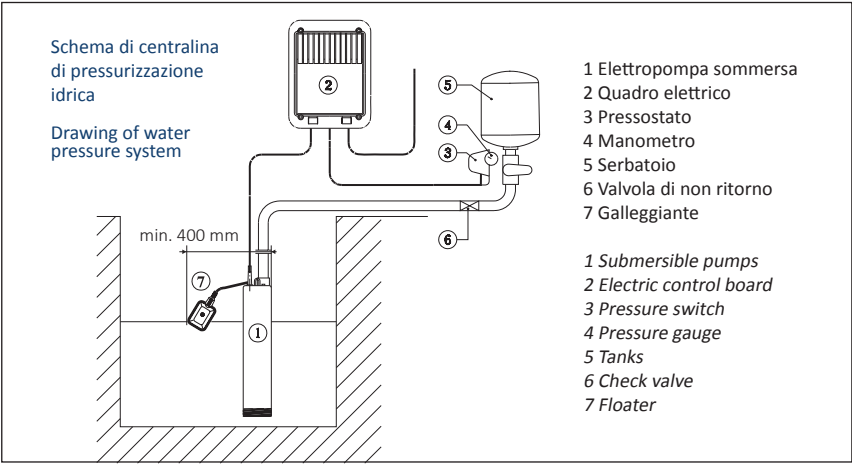
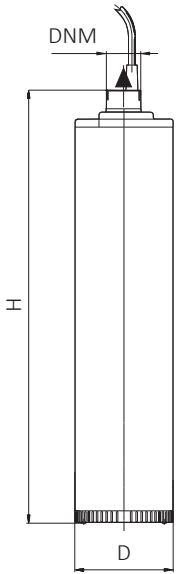
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Submersion depth 15 mt (6-4/S)
- Submersion depth 20 mt
- Sand content 40 g/m³
- Start/hour 30 max

MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor (n = 2850 min⁻¹)
- Built-in over load motor protector with automatic reset
- Insulation Class F
- Protection IP 68

MATERIALS

- External pump body Stainless Steel AISI 304
- Suction strainer Stainless Steel AISI 304
- Impeller and diffusers Stainless Steel AISI 304
- Bearing brackets Brass
- Shaft Stainless Steel AISI 304
- Motor housing Stainless Steel AISI 304
- Double mechanical seal in oil chamber Ceramic/Graphite/NBR
- Silicon/Silicon/NBR

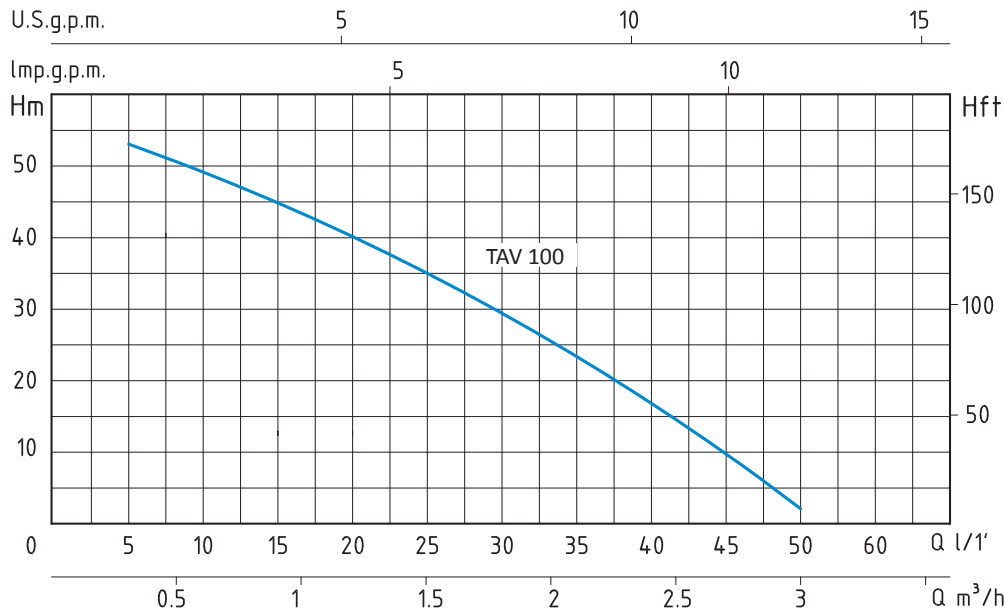


| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |                      |               |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|----------------------|---------------|-----|--------------------------------|-----|-----|----------------|
|                          | D                            | H   | Giranti<br>Impellers | Cavo<br>Cable | DNM | P                              | L   | H   |                |
| Monofase<br>Single-phase |                              |     |                      |               |     |                                |     |     | Kg             |
| TMSX 6-4/S               | 130                          | 458 | 4                    | 15 mt         | 1"¼ | 212                            | 640 | 282 | 18,4           |
| TMSX 6-5/S               | 130                          | 482 | 5                    | 20 mt         | 1"¼ | 212                            | 640 | 282 | 20,6           |
| TMSX 6-6/S               | 130                          | 506 | 6                    | 20 mt         | 1"¼ | 212                            | 640 | 282 | 21,1           |
| TMSX 6-8/S               | 130                          | 578 | 8                    | 30 mt         | 1"¼ | 212                            | 640 | 282 | 26,4           |
| TMSX 9-4/S               | 130                          | 506 | 4                    | 20 mt         | 1"¼ | 197                            | 588 | 270 | 23,1           |

ELETTROPOMPA SOMMERSA PERIFERICA  
ANTIBLOCCAGGIO PER POZZI 4"

PERIPHERAL TURBINE ANTIBLOCKING  
SUBMERSIBLE PUMP FOR 4" WELLS

NO BLOCK SYSTEM



TAV - 50 HZ - 1 PHASE

| TIPO<br>TYPE             | POTENZA NOMINALE<br>NOMINAL POWER                                  |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   | Q = PORTATA- CAPACITY |     |     |     |     |     |     |     |     |     |    |
|--------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Monofase<br>Single-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | m³/h                  | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3  |
|                          | HP                                                                 | kW   | kW                                     |                          | lt/1'                 | 5   | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50 |
|                          | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                       |     |     |     |     |     |     |     |     |     |    |
| TAV 100                  | 1                                                                  | 0,75 | 1,1                                    | 5,5                      | H (m)                 | 53  | 50  | 46  | 41  | 35  | 28  | 20  | 10  | 5   | 2  |

## APPLICAZIONI

Elettropompa sommersa periferica monoblocco per pozzi profondi con diametro minimo 4" (DN 100 mm).  
Studiata per soddisfare le esigenze di irrigazione, giardinaggio per impieghi domestici e zootecnici con utilizzo di acque pulite.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 35°C (per altri impieghi)
- Profondità immersione 20 mt
- Contenuto di sabbia 10 g/m<sup>3</sup>
- Partenza/ora 40 max.

## MOTORE

- Monofase 230V-50Hz
- Motore elettrico ad induzione a 2 poli (n = 2850 min<sup>-1</sup>)
- Protezione termica incorporata
- Isolamento Classe F
- Protezione IP 68
- Condensatore incorporato

## MATERIALI

- |                       |                       |
|-----------------------|-----------------------|
| - Bocca mandata       | Acciaio Inox AISI 304 |
| - Flangia aspirazione | Acciaio Inox AISI 304 |
| - Fondello inferiore  | Ghisa nichelata       |
| - Camicia esterna     | Acciaio Inox AISI 304 |
| - Girante             | Ottone                |
| - Filtro              | Acciaio Inox AISI 304 |
| - Albero motore       | Acciaio Inox AISI 304 |
| - Tenuta meccanica    | Ceramica/Grafite/NBR  |

## APPLICATION

Peripheral monoblock submersible water pump for deep wells with a min. diameter of 4" (DN 100 mm.)  
Conceived in order to solve any problem in irrigation, gardening, domestic and zootechnic plants employing clean water.

## OPERATING CONDITIONS

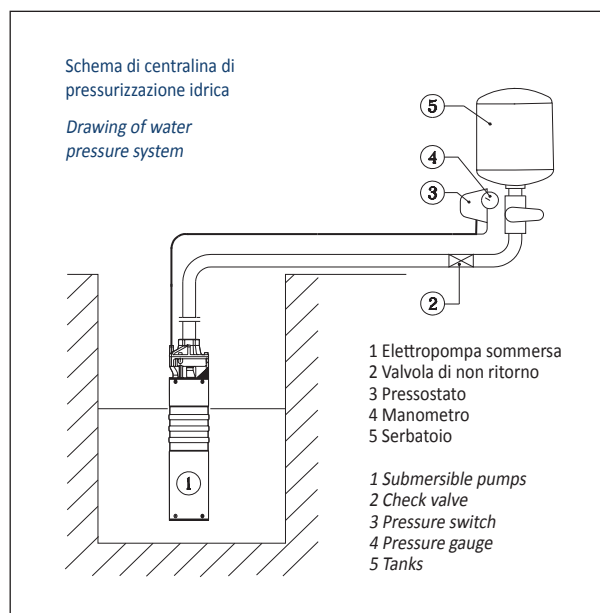
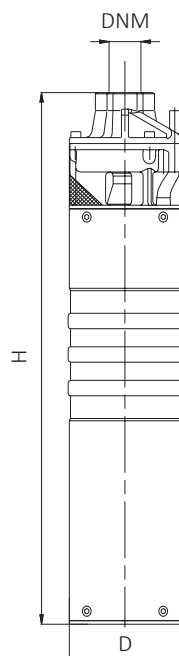
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)
- Temperature max. liquid: 35°C (for other uses)
- Submersion depth 20 mt
- Sand content 10 g/m<sup>3</sup>
- Start/hour 40 max

## MOTOR

- Single-phase 230V-50Hz
- Two-Pole induction motor (n = 2850 min<sup>-1</sup>)
- Built-in overload protection
- Insulation Class F
- Protection IP 68
- Built-in capacitor

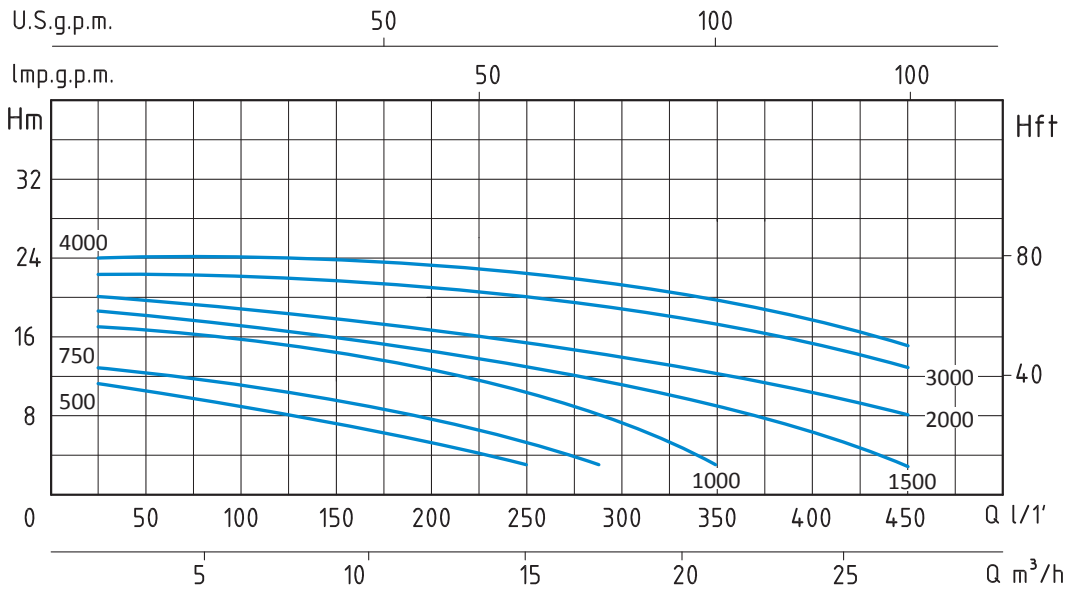
## MATERIALS

- |                    |                          |
|--------------------|--------------------------|
| - Delivery outlet  | Stainless steel AISI 304 |
| - Suction flange   | Stainless steel AISI 304 |
| - Bottom plate     | Nickelated Cast Iron     |
| - External casing  | Stainless steel AISI 304 |
| - Impeller         | Brass                    |
| - Filter           | Stainless steel AISI 304 |
| - Shaft with rotor | Stainless steel AISI 304 |
| - Mechanical seal  | Ceramic/Graphite/NBR     |



| TIPO<br>TYPE             | DIMENSIONI mm- DIMENSIONS mm |     |               |     | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------------|-----|---------------|-----|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | D                            | H   | Cavo<br>Cable | DNM | P                              | L   | H   | Kg             |
| TAV 100                  | 96                           | 451 | 20 mt         | 1"  | 240                            | 610 | 285 | 14,6           |

ELETTROPOMPE PER PISCINA  
SWIMMING POOL PUMPS



| TSW - 50 HZ - 1 PHASE / 3 PHASE |                        |                                                                    |      |                                        |                          |                        |                       |      |      |      |      |      |      |      |      |     |     |      |     |  |
|---------------------------------|------------------------|--------------------------------------------------------------------|------|----------------------------------------|--------------------------|------------------------|-----------------------|------|------|------|------|------|------|------|------|-----|-----|------|-----|--|
| TIPO- TYPE                      |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER                            |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA- CAPACITY |      |      |      |      |      |      |      |      |     |     |      |     |  |
| Monofase<br>Single-phase        | Trifase<br>Three-phase | P2                                                                 |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | m³/h                  | 1,5  | 3    | 4,5  | 6    | 9    | 12   | 15   | 16,5 | 18  | 21  | 24   | 27  |  |
|                                 |                        | HP                                                                 | kW   | kW                                     |                          |                        | lt/1'                 | 25   | 50   | 75   | 100  | 150  | 200  | 250  | 275  | 300 | 350 | 400  | 450 |  |
|                                 |                        | Prevalenza manometrica totale in m.C.A.- Total head in meters w.c. |      |                                        |                          |                        |                       |      |      |      |      |      |      |      |      |     |     |      |     |  |
| TSW 500                         |                        | 0,5                                                                | 0,37 | 0,6                                    | 2,8                      |                        | H<br>(m)              | 11   | 10,5 | 10   | 9    | 7    | 5    | 2,5  |      |     |     |      |     |  |
| TSW 750                         |                        | 0,75                                                               | 0,55 | 0,75                                   | 3,5                      |                        |                       | 13   | 12,5 | 12   | 11,5 | 10   | 7,5  | 4,5  | 3    |     |     |      |     |  |
| TSW 1000                        |                        | 1                                                                  | 0,75 | 1,15                                   | 5,1                      |                        |                       | 17   | 16,5 | 16   | 15,5 | 14,5 | 13   | 10   | 8,5  | 7   | 3   |      |     |  |
| TSW 1500                        |                        | 1,5                                                                | 1,1  | 1,4                                    | 6,2                      |                        |                       | 18   | 17,5 | 17   | 16,5 | 15,5 | 14,5 | 13   | 12   | 11  | 9   | 6    | 3   |  |
| TSW 2000                        |                        | 2                                                                  | 1,5  | 1,43                                   | 6,3                      |                        |                       | 20   | 19   | 18,5 | 18   | 17,8 | 17   | 15,7 | 14,8 | 14  | 12  | 10   | 8   |  |
| TSW 3000                        | TSWt 3000T             | 3                                                                  | 2,2  | 2                                      | 9                        | 3,7                    |                       | 22,4 | 22,2 | 22,1 | 22   | 21   | 20,5 | 20   | 19   | 18  | 17  | 15   | 13  |  |
|                                 | TSWt 4000T             | 4                                                                  | 3    | 2,4                                    |                          | 4,3                    |                       | 24   | 23,5 | 23,3 | 23   | 22,8 | 22,5 | 22   | 21   | 20  | 19  | 17,5 | 15  |  |

## APPLICAZIONI

Elettropompe autoadescanti Jet garantiscono un'ottima resa idraulica e una notevole capacità di portata. Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas. Adatte per il sollevamento e la distribuzione negli impianti di depurazione delle piscine.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 35°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Servizio continuo

## MOTORE

- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Motore elettrico ad induzione a 2 poli ( $n = 2850 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IPX 5

## MATERIALI

- Corpo pompa Polipropilene
- Supporto motore Alluminio
- Girante Noryl
- Filtro cestello Polipropilene
- Tenute meccaniche Silicio/Silicio/NBR

## APPLICATION

Selfpriming jet water pumps with a very high hydraulic performance and a considerable capacity.  
Able to pump up to mt. 8 depth and work perfectly even in so-da-water. Suitable for water lifting and distribution in purification systems for swimming pools..

## OPERATING CONDITIONS

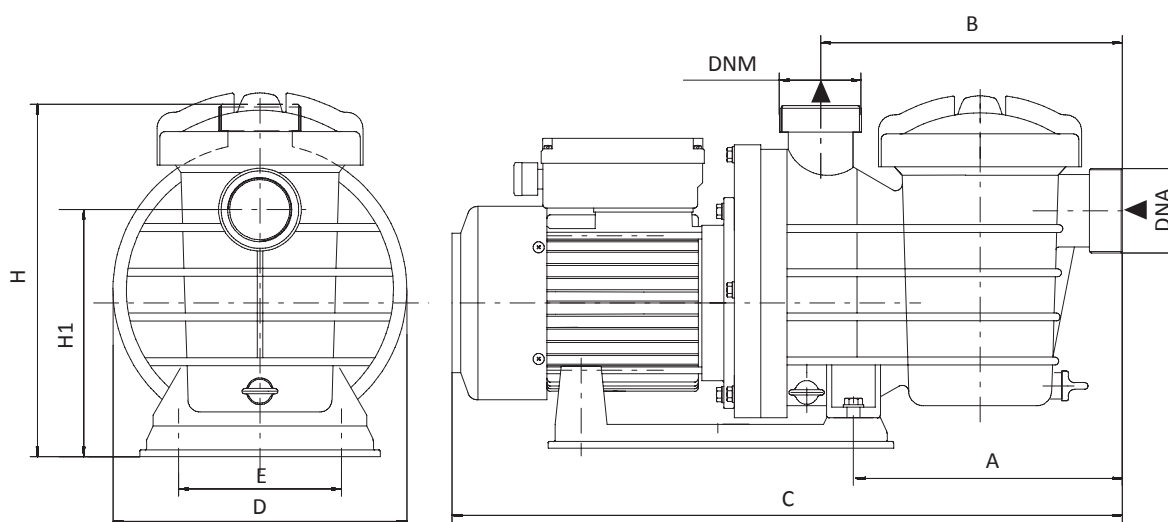
- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 35°C (for other uses)
- Ambient temperature up to 40°C
- Continuous duty

## MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Two-Pole induction motor ( $n = 2850 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IPX 5

## MATERIALS

- Pump body Moplen
- Motor Support Aluminium
- Impeller Noryl
- Filter basket Moplen
- Mechanical seal Silicon/Silicon/NBR

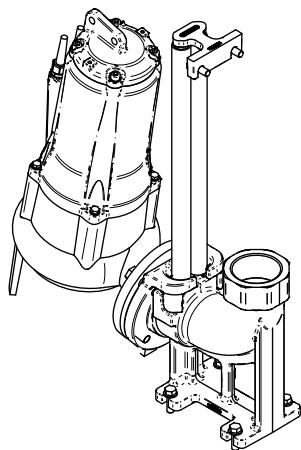


| TIPO<br>TYPE             |                        | DIMENSIONI mm- DIMENSIONS mm |     |     |     |     |     |     |        |        | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|------------------------------|-----|-----|-----|-----|-----|-----|--------|--------|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                            | B   | C   | D   | E   | H   | H1  | DNA    | DNM    | P                              | L   | H   | Kg             |
| TSW 500                  |                        | 77                           | 215 | 465 | 160 | 122 | 234 | 153 | 1" 1/2 | 1" 1/2 | 180                            | 510 | 255 | 8,7            |
| TSW 750                  |                        | 196                          | 223 | 502 | 220 | 122 | 270 | 185 | 1" 1/2 | 1" 1/2 | 241                            | 530 | 288 | 10,9           |
| TSW 1000                 |                        | 196                          | 223 | 502 | 220 | 122 | 270 | 185 | 1" 1/2 | 1" 1/2 | 241                            | 530 | 288 | 12,2           |
| TSW 1500                 |                        | 211                          | 230 | 520 | 238 | 159 | 331 | 225 | 2"     | 2"     | 255                            | 554 | 355 | 12,9           |
| TSW 2000                 |                        | 274                          | 290 | 600 | 270 | 195 | 330 | 225 | 2"     | 2"     | 300                            | 630 | 390 | 16,2           |
| TSW 3000                 | TSWt 3000T             | 274                          | 290 | 600 | 270 | 195 | 330 | 225 | 2"     | 2"     | 300                            | 645 | 400 | 17,5           |
|                          | TSWt 4000T             | 274                          | 290 | 645 | 270 | 195 | 330 | 225 | 2"     | 2"     | 300                            | 670 | 400 | 18,5           |

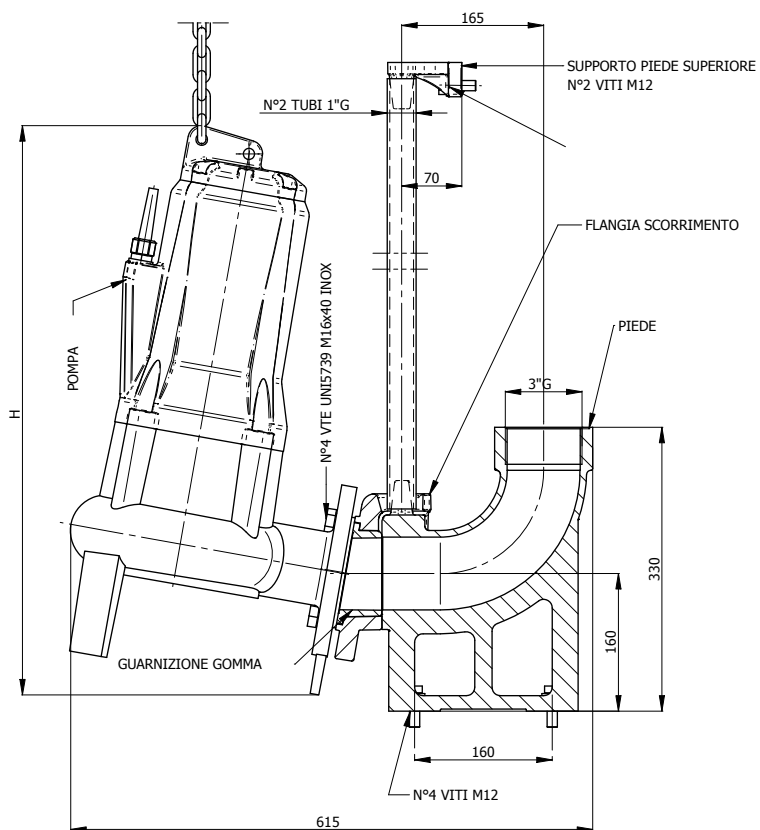
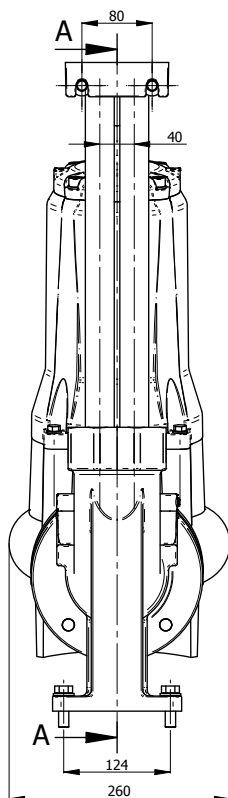


## INSTALLAZIONE STANDARD - STANDARD INSTALLATION

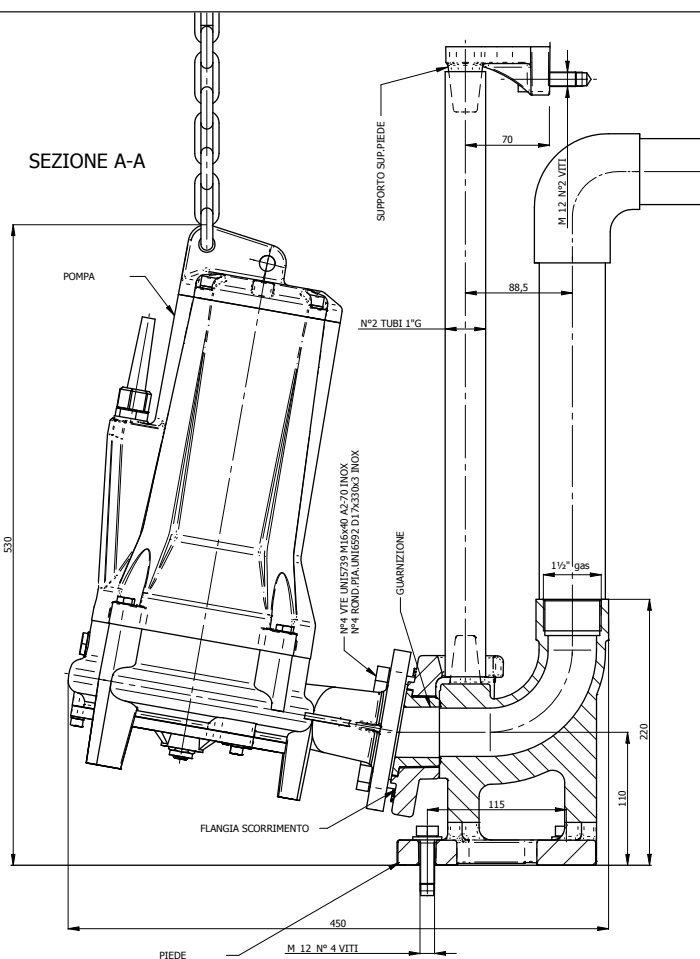
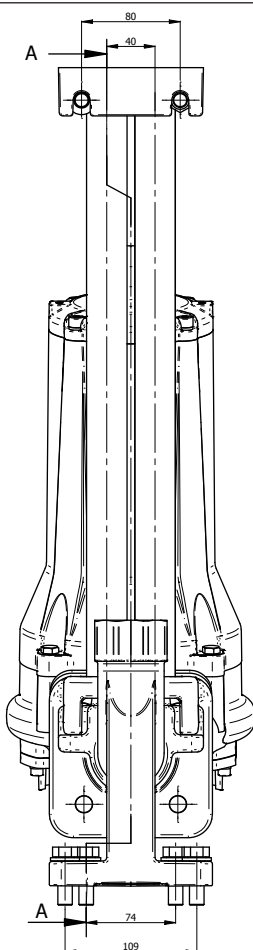
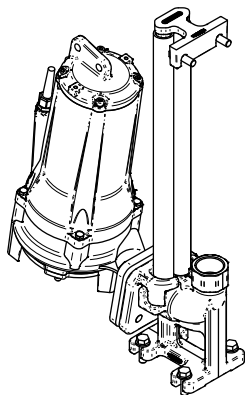
### TPF



| H   | POMPA |
|-----|-------|
| 625 | 350   |
| 640 | 400   |
| 660 | 550   |



### TPC TPT 150-200-300



## INSTALLAZIONE STANDARD - STANDARD INSTALLATION

FLANGIA 2" G SCORREVOLE

500-T  
750-T

247 125 70

65

N°2 VTE M14 + ROND.

2" G

FLANGIA DN50

N°2 GUARNIZ. DN50

N°4 VTE M12x50  
N°4 ROND. ø11  
N°4 DADI M12

278

165

135 80

PIEDE DN50

N°4 VTE M18  
N°4 ROND. ø18

N°4 VTE M12x35  
N°4 ROND. ø12

100 150 290

110

540  
550

65 100 640 660 705 725

FLANGIA 2" G SCORREVOLE

265

215

103

20

15x24 N°2 ASOLE

165

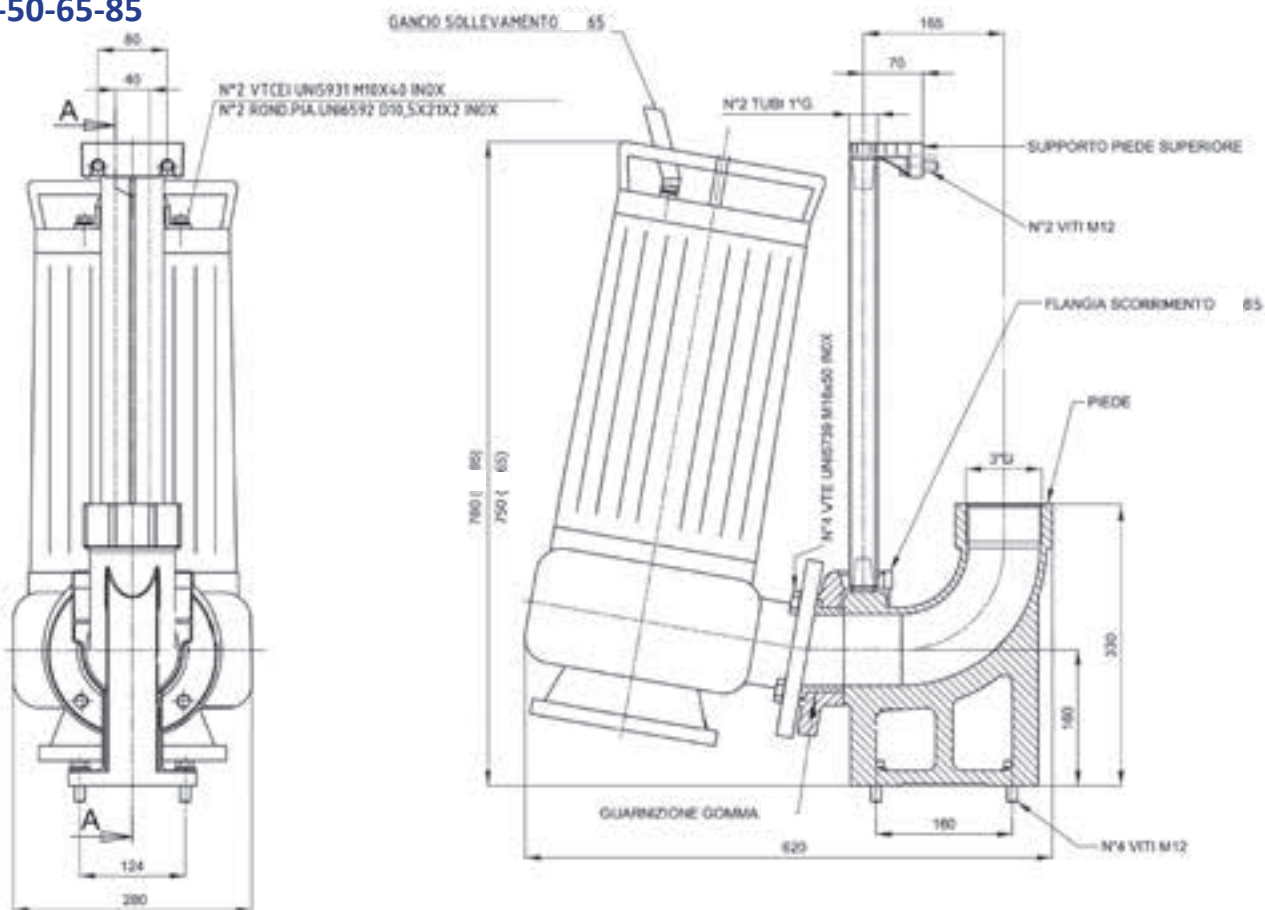
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205  
220

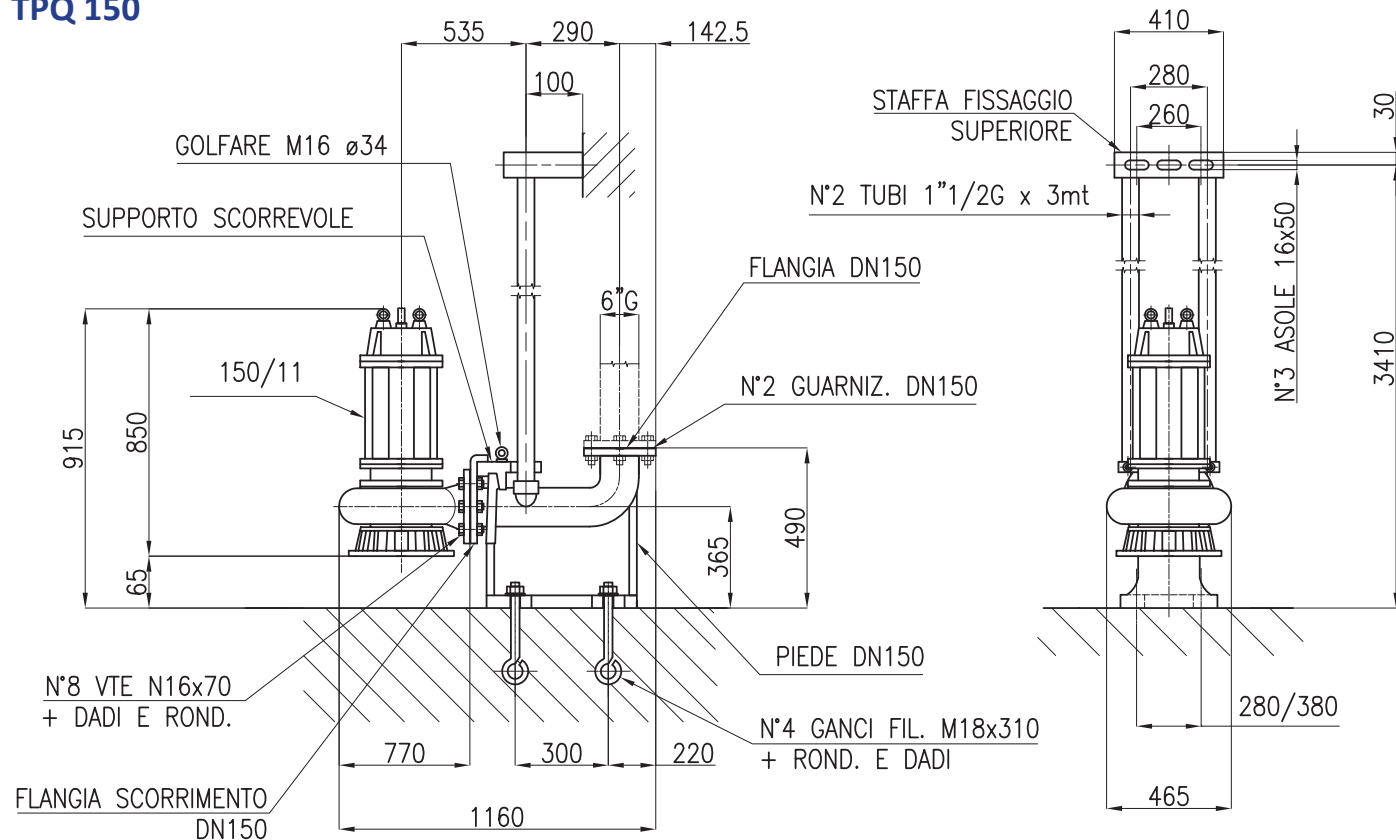
H

## INSTALLAZIONE STANDARD - STANDARD INSTALLATION

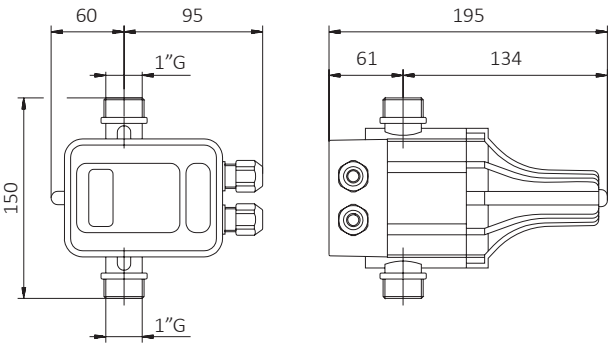
### TPQ 42-50-65-85



### TPQ 150



REGOLATORE DI PRESSIONE PER ELETTROPOMPE  
PRESSURE REGULATOR FOR ELECTRIC PUMPS



APPLICAZIONI

Particolarmente adatto per il controllo automatico degli impianti di pressurizzazione idrica. Avviamento e spegnimento automatico della pompa, rispettivamente all'apertura dei rubinetti e quando la portata è nulla.  
Protegge l'impianto contro il funzionamento a secco oppure quando la pompa supera la propria capacità di aspirazione.

LIMITI D'IMPIEGO

- |                                 |            |
|---------------------------------|------------|
| - Tensione di alimentazione     | 230 V      |
| - Frequenza                     | 50-60 Hz   |
| - Intensità Max.                | 16 (6) A   |
| - Indice di Protezione          | IP 65      |
| - Pressione max. di esercizio   | 8 bar      |
| - Temperatura max. di esercizio | 65 °C      |
| - Attacchi                      | 1" maschio |

MATERIALI

- |               |        |
|---------------|--------|
| - Corpo       | Nylon  |
| - Membrana    | NBR    |
| - Flussostato | Ottone |

APPLICATION

Particularly suitable for the automatic control in water pressure system.  
The pump starts and stops automatically when cocks are opened and the delivery is none. Device avoids dry running working and protects the pump from over-suction capacity.

OPERATING CONDITIONS

- |                                |          |
|--------------------------------|----------|
| - Input voltage                | 230 V    |
| - Frequency                    | 50-60 Hz |
| - Intensity Max.               | 16 (6) A |
| - Protection rating            | IP 65    |
| - Maximum working pressure     | 8 bar    |
| - Maximum temperature pressure | 65 °C    |
| - Connection                   | 1" male  |

MATERIALS

- |                   |       |
|-------------------|-------|
| - Body            | Nylon |
| - Membrane        | NBR   |
| - Pressure switch | Brass |



#### INVERTER EASY (bordo motore - motor edge)

| Tipo - Type   | Volt in   | Volt out  | Max (A) out | P2 Motore Motor P2 |
|---------------|-----------|-----------|-------------|--------------------|
| SV kW 1,1 M/T | 1 x 230 V | 3 x 230 V | 6 A         | 1,5 kW             |
| SV kW 1,5 M/T | 1 x 230 V | 3 x 230 V | 6,8 A       | 1,5 kW             |

(SENSORE incluso - included SENSOR)

#### INVERTER EASY



| Tipo - Type | Volt in   | Volt out  | Max (A) out | P2 Motore Motor P2 |
|-------------|-----------|-----------|-------------|--------------------|
| kW 1,5 M/M  | 1 x 230 V | 1 x 230 V | 12 A        | 1,5 kW             |
| kW 1,1 M/T  | 1 x 230 V | 3 x 400 V | 6 A         | 1,1 kW             |
| kW 1,5 M/T  | 1 x 230 V | 3 x 400 V | 6,8 A       | 1,5 kW             |
| kW 2,2 M/T  | 1 x 230 V | 3 x 400 V | 9,6 A       | 2,2 kW             |

(SENSORE incluso - included SENSOR)

#### INVERTER EASY



| Tipo - Type | Volt in   | Volt out  | Max (A) out | P2 Motore Motor P2 |
|-------------|-----------|-----------|-------------|--------------------|
| kW 1,5 T/T  | 3 x 400 V | 3 x 400 V | 4,3 A       | 1,5 kW             |
| kW 2,2 T/T  | 3 x 400 V | 3 x 400 V | 6,1 A       | 2,2 kW             |
| kW 4 T/T    | 3 x 400 V | 3 x 400 V | 9,7 A       | 4 kW               |
| kW 5,5 T/T  | 3 x 400 V | 3 x 400 V | 14 A        | 5,5 kW             |
| kW 7,5 T/T  | 3 x 400 V | 3 x 400 V | 18 A        | 7,5 kW             |

(SENSORE incluso - included SENSOR)



#### SENSORE - SENSOR

| Tipo - Type    | Misure - Sizes |
|----------------|----------------|
| SENSORE 10-90° | 10 bar         |
| SENSORE 16-90° | 16 bar         |



#### MANOMETRO - PRESSURE GAUGE

| Tipo - Type             | Misure - Sizes |
|-------------------------|----------------|
| MANOMETRO 0-11 bar Pos. | Ø 60- 1/4"     |
| MANOMETRO 0-11 bar Rad. | Ø 60- 1/4"     |

#### RACCORDO INOX - STAINLESS STEEL CONNECTOR



| Tipo - Type               | Misure - Sizes |
|---------------------------|----------------|
| RACCORDO 5 VIE INOX 1"    | 1"             |
| RACCORDO 5 VIE INOX 1"1/4 | 1"¼            |
| RACCORDO 5 VIE INOX 1"1/2 | 1"½            |
| RACCORDO 5 VIE INOX 2"    | 2"             |





IDROSFERA 24 LITRI A MEMBRANA  
24 LITERS MEMBRANE PRESSURE TANK

| Tipo - Type | Pressione max.<br>Max. Pressure | Capacità litri<br>Capacity liters | Raccordo<br>Connector |
|-------------|---------------------------------|-----------------------------------|-----------------------|
| IDROSFERA   | 8 bar                           | 24                                | 1"                    |



IDROPRESS A MEMBRANA €  
MEMBRANE PRESSURE TANK

| Tipo - Type   | Pressione max.<br>Max. Pressure | Capacità litri<br>Capacity liters | Raccordo<br>Connector |
|---------------|---------------------------------|-----------------------------------|-----------------------|
| IDROPRESS 22  | 8 bar                           | 22                                | 1"                    |
| IDROPRESS 25  | 8 bar                           | 25                                | 1"                    |
| IDROPRESS 60  | 10 bar                          | 60                                | 1"                    |
| IDROPRESS 100 | 10 bar                          | 100                               | 1"                    |
| IDROPRESS 200 | 10 bar                          | 200                               | 1"½                   |
| IDROPRESS 300 | 10 bar                          | 300                               | 1"½                   |



IDROSFERA A MEMBRANA €  
MEMBRANE PRESSURE TANK

| Tipo - Type   | Pressione max.<br>Max. Pressure | Capacità litri<br>Capacity liters | Raccordo<br>Connector |
|---------------|---------------------------------|-----------------------------------|-----------------------|
| IDROSFERA 100 | 10 bar                          | 100                               | 1"                    |
| IDROSFERA 200 | 10 bar                          | 200                               | 1"½                   |
| IDROSFERA 300 | 10 bar                          | 300                               | 1"½                   |
| IDROSFERA 500 | 10 bar                          | 500                               | 1"½                   |



SET IDROSFERA 24 LITRI  
24 LITERS TANK GROUP

**Componenti - Components**

- Serbatoio 24 lt. verticale- Vertical tank 24 lt.
- Manometro scala 0÷6 bar- Pressure gauge
- Raccordo ottone 5 vie- 5 ways connector
- Pressostato- Pressure switch



SET IDROPRESS 25 LITRI  
25 LITERS TANK GROUP

**Componenti - Components**

- Serbatoio 25 lt. orizzontale- horizontal tank 25 lt.
- Manometro scala 0÷6 bar- Pressure gauge
- Tubo flessibile 520 mm- Flexible hose
- Raccordo ottone 5 vie- 5 ways connector
- Pressostato- Pressure switch





#### PRESSOSTATO - PRESSURE SWITCH

| Tipo - Type | Misura - Size | Raccordo - Connector |
|-------------|---------------|----------------------|
| PM 5- F     | 1,6 ÷ 3,2 bar | 1/4" Femmina/Female  |
| PM 5- ML    | 1,6 ÷ 3,2 bar | 1/4" Maschio/Male    |



#### PRESSOSTATO - PRESSURE SWITCH

| Tipo - Type | Misura - Size | Raccordo - Connector |
|-------------|---------------|----------------------|
| FSG- 2      | 1,4 ÷ 2,8 bar | 1/4" Femmina/Female  |



#### TUBO FLESSIBILE ANTIVIBRANTE - ANTI VIBRATION FLEXIBLE HOSE

| Tipo - Type | Misura - Size | Raccordo - Connector   |
|-------------|---------------|------------------------|
| TFR 30      | 300 mm        | 1/2" Raccordato/Bended |
| TFR 52      | 520 mm        | 1" Raccordato/Bended   |
| TFD 60      | 600 mm        | 1" Diritto/Right       |



#### MANOMETRO - PRESSURE GAUGE

| Tipo - Type                                                | Misura - Size | Raccordo - Connector |
|------------------------------------------------------------|---------------|----------------------|
| Manometro attacco posteriore<br>Pressure gauge back attack | Ø 40          | 1/4"                 |
| Manometro attacco radiale<br>Pressure gauge radial attack  | Ø 50          | 1/4"                 |



#### RACCORDO OTTONE - BRASS CONNECTOR

| Tipo - Type                      | Misura - Size |
|----------------------------------|---------------|
| Raccordo 3 Vie- 3 ways Connector | 1"            |
| Raccordo 4 Vie- 4 ways Connector | 1"            |
| Raccordo 5 Vie- 5 ways Connector | 1"            |



#### VALVOLA DI FONDO - FOOT VALVE

| Tipo - Type                          | Misura - Size |
|--------------------------------------|---------------|
| Valvola in Nylon<br>Nylon foot valve | 1"            |



#### VALVOLA DI FONDO - FOOT VALVE

| Tipo - Type                                                | Misura - Size |
|------------------------------------------------------------|---------------|
| Valvola in bronzo "JUPITER"<br>Bronze foot valve "JUPITER" | 1"            |



#### VALVOLA DI RITEGNO - CHECK VALVE

| Tipo - Type                                            | Misura - Size |
|--------------------------------------------------------|---------------|
| Valvola in bronzo "JOLLY"<br>Bronze foot valve "JOLLY" | 1"            |
|                                                        | 1" 1/4        |
|                                                        | 1" 1/2        |



## FILTRI ACQUA - WATER FILTER

| Tipo - Type | Pressione max.<br>Max. Pressure | Misura<br>Size | Altezza<br>Height |
|-------------|---------------------------------|----------------|-------------------|
| FA 125      | 3,5 bar                         | 1" x 1"        | 5"                |
| FA 250      | 3,5 bar                         | 1" x 1"        | 9"                |



## CARTUCCIA FILTRO - FILTER CARTRIDGE

| Tipo - Type | Diametro - Diameter | Altezza - Height |
|-------------|---------------------|------------------|
| CF 125      | 63                  | 112              |
| CF 250      | 63                  | 243              |



## GALLEGGIANTE - FLOATER

| Tipo - Type | Misura - Size |
|-------------|---------------|
| IGD 2/S     | 2 mt.         |
| IGD 5/S     | 5 mt.         |
| IGD 10/S    | 10 mt.        |



## SET MANDATA - DELIVERY SET

| Tipo - Type                         | Misura - Size |
|-------------------------------------|---------------|
| Set mandata 8 m<br>Delivery set 8 m | 1" x 28       |
|                                     | 1"1/4 x 35    |
|                                     | 1"1/2 x 40    |
|                                     | 2" x 50       |



## SET MANICHETTA - SET FLAT HOSE

| Tipo - Type                                                                                 | Lunghezza - Length |
|---------------------------------------------------------------------------------------------|--------------------|
| Set manichetta con raccordi STORZ 1"1/2 - 2"<br>Set flat hose with STORZ raccord 1"1/2 - 2" | 15 mt.             |



## SET ASPIRAZIONE - SUCTION SET

| Tipo - Type                          | Misura - Size |
|--------------------------------------|---------------|
| Set aspirazione 4 m- Suction set 4 m | 1" x 1"       |
| Set aspirazione 7 m- Suction set 7 m | 1" x 1"       |



## SET ASPIRAZIONE - SUCTION SET

| Tipo - Type                          | Attacco - Connection |
|--------------------------------------|----------------------|
| Set aspirazione 6 m- Suction set 6 m | 1"1/2 x 40           |
|                                      | 2" x 50              |
|                                      | 3" x 80              |



## VALVOLA DI RITEGNO A PALLA FILETTATA - THREADED BALL CHECK VALVE

PN16

| Tipo - Type                                                       | Attacco - Connection |
|-------------------------------------------------------------------|----------------------|
| Valvola di ritegno a palla filettata<br>Threaded ball check valve | 1" 1/4               |
|                                                                   | 1" 1/2               |
|                                                                   | 2"                   |
|                                                                   | 2" 1/2               |



## VALVOLA DI RITEGNO A PALLA FLANGIATA FLANGED BALL CHECK VALVE

PN16

| Tipo - Type                                                      | Attacco - Connection |
|------------------------------------------------------------------|----------------------|
| Valvola di ritegno a palla flangiata<br>Flanged ball check valve | 2" 1/2               |
|                                                                  | 3"                   |
|                                                                  | 4"                   |



## VALVOLA DI RITEGNO A PALLA FLANGIATA CON CONTROFLANGIA FLANGED BALL CHECK VALVE WITH COUNTERFLANGE

PN16

| Tipo - Type                                                                                           | Attacco - Connection |
|-------------------------------------------------------------------------------------------------------|----------------------|
| Valvola di ritegno a palla flangiata con controflangia<br>Flanged ball check valve with counterflange | 2" 1/2               |
|                                                                                                       | 3"                   |
|                                                                                                       | 4"                   |



## CONDENSATORE - CAPACITOR

| Tipo - Type | Diametro- Diameter | Misura - Size |
|-------------|--------------------|---------------|
| μF 8        | Ø 32               | 60 mm         |
| μF 10       | Ø 36               | 60 mm         |
| μF 12,5     | Ø 36               | 72 mm         |
| μF 14       | Ø 36               | 72 mm         |
| μF 16       | Ø 40               | 72 mm         |
| μF 20       | Ø 40               | 72 mm         |
| μF 25       | Ø 40               | 97 mm         |
| μF 30       | Ø 40               | 97 mm         |
| μF 32       | Ø 40               | 97 mm         |
| μF 35       | Ø 45               | 97 mm         |
| μF 40       | Ø 50               | 97 mm         |
| μF 45       | Ø 50               | 97 mm         |
| μF 50       | Ø 50               | 97 mm         |
| μF 60       | Ø 50               | 122 mm        |
| μF 80       | Ø 50               | 122 mm        |

## TENUTA MECCANICA COMPLETA - COMPLETE MECHANICAL SEAL



| Tipo - Type       | Diametro albero<br>Shaft diameter | Materiale<br>Material                       |
|-------------------|-----------------------------------|---------------------------------------------|
| Kit tenuta AR 12  | 12 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta AR 13  | 13 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta AR 15  | 15 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta AR 19  | 19 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta FN 15  | 15 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta FN 18  | 18 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta FN 20  | 20 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta FN 24  | 24 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |
| Kit tenuta RN 12  | 12 mm                             | Widia/Grafite/NBR - Widia/Graphite/NBR      |
| Kit tenuta RN 15  | 15 mm                             | Widia/Grafite/NBR - Widia/Graphite/NBR      |
| Kit tenuta RN 20  | 20 mm                             | Widia/Grafite/NBR - Widia/Graphite/NBR      |
| Kit tenuta RN 24  | 24 mm                             | Widia/Grafite/NBR - Widia/Graphite/NBR      |
| Kit tenuta PNT 15 | 15 mm                             | Ceramica/Grafite/NBR - Ceramic/Graphite/NBR |



## EIETTORE - EJECTOR

| Tipo - Type | Diametro - Diameter | Misura - Size |
|-------------|---------------------|---------------|
| Set EJECTOR | 2"                  | 1"            |



## SET PIEDE POMPA - SET RAIL SYSTEM

| Tipo - Type | Misura - Size |
|-------------|---------------|
| TPC         | 1"½           |
| TPF         | 3"            |
| TPQ 15-25   | 1"½           |
| TPQ 42-50   | 3"            |
| TPQ 65-85   | 3"            |
| TPQ 150     | 6"            |



## QUADRO ELETTRICO MONOFASE - CONTROL BOX SINGLE-PHASE

| Tipo - Type | Potenza nominale (P2)<br>Nominal power (P2) | Protezione termica<br>Thermal protection | Condensatore<br>Capacitor |
|-------------|---------------------------------------------|------------------------------------------|---------------------------|
| EC 0,37     | 0,37 kW                                     | 4 A                                      | µF 20                     |
| EC 0,55     | 0,55 kW                                     | 6 A                                      | µF 25                     |
| EC 0,75     | 0,75 kW                                     | 8 A                                      | µF 35                     |
| EC 1,1      | 1,1 kW                                      | 10 A                                     | µF 40                     |
| EC 1,5      | 1,5 kW                                      | 14 A                                     | µF 60                     |
| EC 2,2      | 2,2 kW                                      | 18 A                                     | µF 80                     |

Monofase - Single-phase 230V - 50Hz - Comando diretto - Direct control



## QUADRO ELETTRICO MONOFASE - CONTROL BOX SINGLE-PHASE

| Tipo - Type | Potenza nominale (P2)<br>Nominal power (P2) | Protezione termica<br>Thermal protection | Condensatore<br>Capacitor |
|-------------|---------------------------------------------|------------------------------------------|---------------------------|
| AM 0,37     | 0,37 kW                                     | 4 A                                      | µF 20                     |
| AM 0,55     | 0,55 kW                                     | 6 A                                      | µF 25                     |
| AM 0,75     | 0,75 kW                                     | 8 A                                      | µF 35                     |
| AM 1,1      | 1,1 kW                                      | 10 A                                     | µF 40                     |
| AM 1,5      | 1,5 kW                                      | 14 A                                     | µF 60                     |
| AM 2,2      | 2,2 kW                                      | 18 A                                     | µF 80                     |

Monofase - Single-phase 230V - 50Hz - Comando diretto - Direct control



## QUADRO ELETTRICO TRIFASE - CONTROL BOX THREE-PHASE

| Tipo - Type | Tensione / Frequenza<br>Input Voltage / Frequency | Potenza nominale (P2)<br>Nominal power (P2) |
|-------------|---------------------------------------------------|---------------------------------------------|
| DS 0,37     | 400V- 50Hz                                        | 0,37 kW                                     |
| DS 0,55     | 400V- 50Hz                                        | 0,55 kW                                     |
| DS 0,75     | 400V- 50Hz                                        | 0,75 kW                                     |
| DS 1,1      | 400V- 50Hz                                        | 1,1 kW                                      |
| DS 1,5      | 400V- 50Hz                                        | 1,5 kW                                      |
| DS 2,2      | 400V- 50Hz                                        | 2,2 kW                                      |
| DS 3        | 400V- 50Hz                                        | 3 kW                                        |
| DS 4        | 400V- 50Hz                                        | 4 kW                                        |
| DS 5,5      | 400V- 50Hz                                        | 5,5 kW                                      |
| DS 7,5      | 400V- 50Hz                                        | 7,5 kW                                      |
| DS 9,2      | 400V- 50Hz                                        | 9,2 kW                                      |
| DS 11       | 400V- 50Hz                                        | 11 kW                                       |

Trifase - Three-phase 400V - 50Hz - Avviamento diretto - Direct start up

PROGETTO  
GRAFICO

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