

4"Deep Well Pumps



4SG(m)

Application Limits

- Max. ambient temperature < 40°C ;
- Sand content ( in mass fraction ) up to 0.01%;
- hydrogen sulfide content up to 1.5mg/L, chloride ion content up to 400mg/L;
- pH 6.5 to 8.5;
- Maximum: 70 m below the static water table.

Advantages & Features

- Edible oil filled motor, stable& reliable running with pressure regulating membrane;
- Single phase motor equipped with start box which built in capacitor & current mode thermal protector, convenient for replacement;
- Available with cable with a motor plug, disassemble conveniently;
- Pump sleeve with screw thread, single stage floating impellers, except 16 m<sup>3</sup>/hrs series which with integrated stage floating impellers;
- Installation in 4" or larger boreholes;

Performance Data

Model	Power	Flow														Head Range (m)	Packing Dim. (mm) Pump (LxWxH)	G.W. (kg)
		Single-Phase 220V	Three-Phase 380V	kW	HP	m <sup>3</sup> /h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4			
4SGm2/8	-	0.37	0.5	58	56	55	54	52	50	46	43	38	34	27	21	55~22	1020x110x185	13.7
4SGm2/11	-	0.55	0.75	82	80	79	77	74	71	67	62	56	49	41	32	77~34	1130x110x185	15.1
4SGm2/14	4SG2/14	0.75	1	102	100	99	97	93	89	84	82	70	62	51	41	99~43	1220x110x185(S) 1020x110x185(T)	17.0/15.3
4SGm2/16	4SG2/16	0.75	1	117	114	113	111	106	102	96	94	80	71	58	47	113~49	1290x110x185(S) 1075x110x185(T)	17.5/15.8
4SGm2/19	4SG2/19	1.1	1.5	140	137	135	133	127	122	115	107	98	86	71	57	135~60	1415x110x185(S) 1220x110x185(T)	20/18.4
4SGm2/22	4SG2/22	1.1	1.5	162	159	156	154	147	141	133	124	113	100	82	66	156~69	1500x110x185(S) 1310x110x185(T)	20.7/19.1
4SGm2/25	4SG2/25	1.5	2	184	180	178	174	169	162	152	142	128	114	96	78	178~81	M:770x125x225(S) B:1020x125x125	M:17 B:7.8 M:14 B:7.8
4SGm2/28	4SG2/28	1.5	2	206	202	199	195	189	181	170	159	143	128	108	87	199~91	M:770x125x225(S) B:1075x125x125	M:17 B:8.4 M:14 B:8.4
4SGm2/33	4SG2/33	2.2	3	246	241	238	233	226	216	204	191	174	153	130	106	238~110	M:870x125x225(S) B:1210x125x125	M:22.5 B:9.3 M:16.5 B:10.2
4SGm2/38	4SG2/38	2.2	3	283	278	274	268	260	249	235	220	200	176	150	122	274~127	M:870x125x225(S) B:1360x125x125	M:22.5 B:10.2 M:16.5 B:10.2
-	4SG2/44	3	4	320	317	311	304	295	284	269	250	225	198	165	132	311~137	M:700x125x125 B:1520x125x125	M:20.5 B:13
-	4SG2/50	3	4	364	360	353	345	335	323	306	284	256	225	188	150	353~156	M:700x125x125 B:1680x125x125	M:20.5 B:14.1
-	4SG2/55	4	5.5	410	403	396	386	376	361	342	318	289	252	206	165	396~175	M:780x125x125 B:1855x125x125	M:23.5 B:15
-	4SG2/62	4	5.5	454	446	438	427	416	400	379	352	320	279	228	183	438~190	M:780x125x125 B:2015x125x125	M:23.5 B:16

Model	Power	Flow												Head Range (m)	Packing Dim. (mm) Pump (LxWxH)	G.W. (kg)
		Single-Phase 220V	Three-Phase 380V	kW	HP	m <sup>3</sup> /h	0	0.6	1.2	1.8	2.4	3	3.6			
4SGm3/7	-	0.37	0.5	49	48	47	44	40	35	28	23	12	47~25	1020x110x185	13.5	
4SGm3/9	-	0.55	0.75	65	64	63	60	55	48	40	30	19	63~35	1075x110x185	14.7	
4SGm3/11	4SG3/11	0.75	1	81	79	78	75	68	60	49	37	24	78~43	1150x110x185(S) 955x110x185(T)	16.3/14.6	
4SGm3/13	4SG3/13	0.75	1	96	93	92	89	80	71	58	44	28	92~51	1220x110x185(S) 1020x110x185(T)	16.7/15	
4SGm3/15	4SG3/15	1.1	1.5	110	108	106	102	96	84	68	49	28	106~59	1310x110x185(S) 1100x110x185(T)	19.1/17.5	
4SGm3/17	4SG3/17	1.1	1.5	125	122	120	116	109	95	77	56	32	120~67	1360x110x185(S) 1150x110x185(T)	19.5/17.9	
4SGm3/19	4SG3/19	1.5	2	140	138	136	130	120	106	87	66	43	136~77	M:770x125x225(S) B:890x125x125	M:17 B:7.1 M:14 B:7.1	
4SGm3/21	4SG3/21	1.5	2	155	153	150	144	133	117	96	73	48	155~85	M:770x125x225(S) B:935x125x125	M:17 B:7.5 M:14 B:7.5	
4SGm3/26	4SG3/26	2.2	3	195	193	190	182	168	150	124	96	65	190~111	M:880x125x225(S) B:1075x125x125	M:22.5 B:8.6 M:16.5 B:8.6	
4SGm3/30	4SG3/30	2.2	3	225	223	219	210	194	173	143	111	75	219~127	M:880x125x225(S) B:1180x125x125	M:22.5 B:9.5 M:16.5 B:9.5	
-	4SG3/35	3	4	260	258	253	243	224	198	163	124	78	253~144	M:700x125x125 B:1310x125x125	M:20.5 B:10.8	
-	4SG3/40	3	4	297	295	289	278	256	226	186	142	89	289~165	M:700x125x125 B:1310x125x125	M:20.5 B:11.9	
-	4SG3/45	4	5.5	332	330	324	310	288	256	208	162	107	324~185	M:780x125x125 B:1580x125x125	M:23.5 B:13.5	
-	4SG3/50	4	5.5	369	367	360	344	320	284	231	180	114	360~206	M:780x125x125 B:1735x125x125	M:23.5 B:14.6	
-	4SG3/55	5.5	7.5	400	398	393	380	355	323	250	187	115	393~219	M:870x125x125 B:1980x125x125	M:27.5 B:15.7	
-	4SG3/60	5.5	7.5	436	434	429	415	387	352	273	204	125	429~241	M:870x125x125 B:2015x125x125	M:27.5 B:16.8	

Model	Power	Flow														Head Range (m)	Packing Dim. (mm) Pump (LxWxH)	G.W. (kg)
		Single-Phase 220V	Three-Phase 380V	kW	HP	m <sup>3</sup> /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8			
4SGm4/6	-	0.37	0.5	42	40	39	37	35	32	29	24	19	12	4	39~15	1020x110x185	13.5	
4SGm4/7	-	0.55	0.75	50	48	47	46	44	40	36	31	25	18	9	47~20	1130x110x185	14.5	
4SGm4/8	4SG4/8	0.75	1	59	57	55	53	51	47	43	37	29	21	11	55~24	1101x110x185(S) 890x110x185(T)	15.9/14.2	
4SGm4/10	4SG4/10	0.75	1	74	71	69	66	64	59	54	46	36	26	14	69~30	1180x110x185(S) 980x110x185(T)	16.3/14.6	
4SGm4/12	4SG4/12	1.1	1.5	89	85	83	81	77	72	65	56	45	33	18	83~38	1255x110x185(S) 1075x110x185(T)	18.8/17.2	
4SGm4/14	4SG4/14	1.1	1.5	104	99	97	95	90	84	76	65	53	39	21	97~43	1310x110x185(S) 1130x110x185(T)	19.2/17.6	
4SGm4/16	4SG4/16	1.5	2	118	113	110	107	102	95	86	75	60	45	26	110~51	M:770x125x225(S) B:890x125x125	M:17 B:6.8 M:14 B:6.8	
4SGm4/18	4SG4/18	1.5	2	133	127	124	120	115	107	97	84	68	51	29	124~57	M:770x125x225(S) B:890x125x125	M:17 B:7.2 M:14 B:7.2	
4SGm4/21	4SG4/21	2.2	3	156	150	146	142	136	127	116	101	82	62	35	146~70	M:880x125x225(S) B:980x125x125	M:22.5 B:7.9 M:16.5 B:7.9	
4SGm4/24	4SG4/24	2.2	3	178	171	167	162	155	145	133	115	94	71	40	167~79	M:880x125x225(S) B:1075x125x125	M:22.5 B:8.8 M:16.5 B:8.8	
-	4SG4/28	3	4	209	203	196	190	182	170	152	130	106	77	45	196~87	M:700x125x125 B:1210x125x125	M:20.5 B:9.7	
-	4SG4/32	3	4	239	232	224	217	208	194	174	149	121	88	51	224~100	M:700x125x125 B:1380x125x125	M:20.5 B:10.7	
-	4SG4/36	4	5.5	267	257	250	243	232	216	194	167	136	98	57	250~112	M:780x125x125 B:1460x125x125	M:23.5 B:12.2	
-	4SG4/40	4	5.5	297	286	278	270	258	240	216	186	151	109	63	278~124	M:780x125x125 B:1550x125x125	M:23.5 B:13.2	
-	4SG4/45	5.5	7.5	328	317	308	297	286	269	242	207	165	118	67	308~134	M:870x125x125 B:1735x125x125	M:27.5 B:14.5	
-	4SG4/50	5.5	7.5	364	352	342	330	318	299	269	230	183	131	74	342~149	M:870x125x125 B:1910x125x125	M:27.5 B:15.3	
-	4SG4/55	7.5	10	401	388	375	363	349	328	296	250	202	145	82	375~164	M:975x125x125 B:2015x125x125	M:33.5 B:16	
-	4SG4/60	7.5	10	437	423	409	396	381	358	323	273	220	158	89	409~180	M:975x125x125 B:2200x125x125	M:33.5 B:16.8	

Model		Power		Flow									Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)
Single-Phase 220V	Three-Phase 380V	kW	HP	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4			
4SGm6/5	-	0.37	0.5	33	31	29	27	24	22	16	10	30~16	980x110x185	13.2	
4SGm6/6	-	0.55	0.75	39	36	34	32	29	26	19	12	35~19	1020x110x185	14.3	
4SGm6/7	4SG6/7	0.75	1	46	42	39	37	34	30	23	14	40~23	1075x110x185(S) 890x110x185(T)	15.8/14.1	
4SGm6/8	4SG6/8	0.75	1	53	48	45	43	39	35	26	16	46~26	1130x110x185(S) 935x110x185(T)	16/14.3	
4SGm6/9	4SG6/9	1.1	1.5	59	55	51	48	44	39	29	18	53~29	1180x110x185(S) 980x110x185(T)	18.2/16.6	
4SGm6/11	4SG6/11	1.1	1.5	72	67	61	59	54	48	35	22	64~35	1255x110x185(S) 1075x110x185(T)	18.6/17	
4SGm6/12	4SG6/12	1.5	2	79	74	67	64	59	52	39	24	70~39	M:770x125x225(S) B:730x125x125	M:17 B:5.4 M:14 B:5.4	
4SGm6/14	4SG6/14	1.5	2	92	86	78	75	68	61	45	28	85~45	M:770x125x225(S) B:730x125x125	M:17 B:6 M:14 B:6	
4SGm6/17	4SG6/17	2.2	3	113	106	98	91	83	74	55	34	102~55	M:880x125x225(S) B:890x125x125	M:22.5 B:7.3 M:16.5 B:7.3	
4SGm6/20	4SG6/20	2.2	3	133	125	113	107	98	87	64	40	121~64	M:880x125x225(S) B:890x125x125	M:22.5 B:8.1 M:16.5 B:8.1	
-	4SG6/23	3	4	154	142	132	123	112	100	74	46	139~74	M:700x125x125 B:1075x125x125	M:20.5 B:8.6 M:20.5 B:8.6	
-	4SG6/26	3	4	174	161	150	139	127	113	84	52	156~84	M:700x125x125 B:1180x125x125	M:20.5 B:9.4 M:20.5 B:9.4	
-	4SG6/30	4	5.5	201	185	172	160	147	130	97	60	179~97	M:780x125x125 B:1360x125x125	M:23.5 B:11 M:23.5 B:11	
-	4SG6/34	4	5.5	228	210	192	181	166	147	110	68	205~110	M:780x125x125 B:1460x125x125	M:23.5 B:12.1 M:23.5 B:12.1	
-	4SG6/38	5.5	7.5	247	229	220	203	186	165	122	76	226~122	M:870x125x125 B:1580x125x125	M:27.5 B:13 M:27.5 B:13	
-	4SG6/42	5.5	7.5	273	253	238	224	205	182	135	84	245~135	M:870x125x125 B:1680x125x125	M:27.5 B:14 M:27.5 B:14	
-	4SG6/46	7.5	10	299	280	260	245	225	199	148	92	267~148	M:975x125x125 B:1880x125x125	M:33.5 B:15 M:33.5 B:15	
-	4SG6/50	7.5	10	325	303	284	267	244	217	161	100	294~161	M:975x125x125 B:1980x125x125	M:33.5 B:16 M:33.5 B:16	

Model		Power		Flow										Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)
Single-Phase 220V	Three-Phase 380V	kW	HP	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6			
4SGm8/5	-	0.55	0.75	32	31	28	26	25	23	21	17	13	7	28~11	1020x110x185	14.4
4SGm8/6	4SG8/6	0.75	1	39	38	35	32	30	28	26	22	17	10	35~15	1100x110x185(S) 890x110x185(T)	15.9/14.2
4SGm8/7	4SG8/7	0.75	1	46	44	41	37	35	33	30	26	20	12	41~17	1130x110x185(S) 935x110x185(T)	16.2/14.5
4SGm8/8	4SG8/8	1.1	1.5	51	50	46	43	40	38	35	30	23	15	46~21	1220x110x185(S) 1020x110x185(T)	18.4/16.8
4SGm8/9	4SG8/9	1.1	1.5	57	56	52	48	45	43	39	34	26	17	52~23	1255x110x185(S) 1075x110x185(T)	18.7/17.1
4SGm8/10	4SG8/10	1.5	2	64	63	58	54	51	48	44	38	30	19	58~26	M:770x125x225(S) B:730x125x125	M:17 B:5.4 M:14 B:5.4
4SGm8/12	4SG8/12	1.5	2	77	76	70	65	61	58	53	46	36	23	70~32	M:770x125x225(S) B:730x125x125	M:17 B:6 M:14 B:6
4SGm8/15	4SG8/15	2.2	3	98	95	88	82	78	73	67	58	45	29	88~41	M:880x125x225(S) B:890x125x125	M:22.5 B:7 M:16.5 B:7
4SGm8/18	4SG8/18	2.2	3	118	114	106	98	94	88	80	70	54	35	106~48	M:880x125x225(S) B:890x125x125	M:22.5 B:8 M:16.5 B:8
-	4SG8/21	3	4	134	130	124	114	107	102	93	80	63	40	124~56	M:700x125x125 B:1180x125x125	M:20.5 B:9.3 M:20.5 B:9.3
-	4SG8/24	3	4	153	149	142	130	122	117	106	91	72	46	142~64	M:700x125x125 B:1310x125x125	M:20.5 B:10.2 M:20.5 B:10.2
-	4SG8/27	4	5.5	172	168	160	147	138	132	120	103	80	49	160~71	M:780x125x125 B:1415x125x125	M:23.5 B:11.1 M:23.5 B:11.1
-	4SG8/30	4	5.5	191	187	178	163	153	147	133	114	89	54	178~78	M:780x125x125 B:1550x125x125	M:23.5 B:12 M:23.5 B:12
-	4SG8/34	5.5	7.5	212	208	198	182	171	162	147	125	95	56	198~83	M:870x125x125 B:1735x125x125	M:27.5 B:13.7 M:27.5 B:13.7
-	4SG8/38	5.5	7.5	237	232	221	203	191	181	164	140	106	62	221~93	M:870x125x125 B:1910x125x125	M:27.5 B:14.9 M:27.5 B:14.9
-	4SG8/42	7.5	10	260	253	241	223	209	198	178	149	112	63	241~97	M:975x125x125 B:2090x125x125	M:33.5 B:16.1 M:33.5 B:16.1
-	4SG8/46	7.5	10	285	277	264	244	229	217	195	163	123	69	264~106	M:975x125x125 B:2210x125x125	M:33.5 B:17.3 M:33.5 B:17.3

Model		Power		Flow								Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)
Single-Phase 220V	Three-Phase 380V	kW	HP	m³/h	0	1.8	3.6	5.4	7.2	9	10.8			
4SGm10/4	4SG10/4	0.75	1	25	24	23	22	21	18	14	7	23~7	1020x110x185(S) 810x110x185(T)	15.3/13.6
4SGm10/5	4SG10/5	0.75	1	31	30	29	27	26	23	18	9	29~9	1075x110x185(S) 890x110x185(T)	15.6/13.9
4SGm10/6	4SG10/6	1.1	1.5	37	36	34	33	31	28	23	13	35~13	1130x110x185(S) 935x110x185(T)	17.8/16.2
4SGm10/7	4SG10/7	1.1	1.5	43	42	40	39	36	33	27	15	40~15	1180x110x185(S) 980x110x185(T)	18.1/16.5
4SGm10/8	4SG10/8	1.5	2	50	49	46	44	42	37	30	17	47~17	M:770x125x225(S) B:635x125x125	M:17 B:4.8 M:14 B:4.8
4SGm10/10	4SG10/10	1.5	2	63	61	58	55	53	46	38	21	59~21	M:770x125x225(S) B:730x125x125	M:17 B:5.5 M:14 B:5.5
4SGm10/12	4SG10/12	2.2	3	77	76	70	66	63	55	42	22	70~22	M:880x125x225(S) B:890x125x125	M:22.5 B:8.1 M:16.5 B:8.1
4SGm10/14	4SG10/14	2.2	3	90	89	82	77	74	64	49	26	84~26	M:880x125x225(S) B:890x125x125	M:22.5 B:8.7 M:16.5 B:8.7
-	4SG10/16	3	4	100	98	91	88	84	74	59	36	92~36	M:700x125x125 B:980x125x125	M:20.5 B:7.6 M:20.5 B:7.6
-	4SG10/18	3	4	113	110	102	99	95	83	66	41	105~41	M:700x125x125 B:1075x125x125	M:20.5 B:8.3 M:20.5 B:8.3
-	4SG10/20	4	5.5	124	121	114	110	106	95	76	45	116~45	M:780x125x125 B:1130x125x125	M:23.5 B:8.8 M:23.5 B:8.8
-	4SG10/22	4	5.5	136	133	125	121	117	105	84	50	128~50	M:780x125x125 B:1210x125x125	M:23.5 B:9.5 M:23.5 B:9.5
-	4SG10/25	5.5	7.5	154	150	141	136	130	116	92	55	144~55	M:870x125x125 B:1360x125x125	M:27.5 B:10.1 M:27.5 B:10.1
-	4SG10/28	5.5	7.5	172	168	158	152	146	125	103	62	161~62	M:870x125x125 B:1460x125x125	M:27.5 B:10.8 M:27.5 B:10.8
-	4SG10/31	7.5	10	188	184	174	168	160	141	110	66	177~66	M:975x125x125 B:1580x125x125	M:33.5 B:12 M:33.5 B:12
-	4SG10/34	7.5	10	206	202	191	184	175	155	121	72	194~72	M:975x125x125 B:1680x125x125	M:33.5 B:12.7 M:33.5 B:12.7

Model		Power		Flow														Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)
Single-Phase 220V	Three-Phase 380V	kW	HP	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2						
4SGm12/3	4SG12/3	0.75	1	19	18	17	16	15	13	11	8	6	2	18~7	1075x110x185(S) 890x110x185(T)	15.7/14				
4SGm12/4	4SG12/4	0.75	1	25	24	23	21	20	17	15	11	8	3	23~9	1130x110x185(S) 935x110x185(T)	16.1/14.4				
4SGm12/5	4SG12/5	1.1	1.5	32	31	29	28	25	23	19	16	12	6	30~12	1220x110x185(S) 1020x110x185(T)	18.5/16.9				
4SGm12/6	4SG12/6	1.1	1.5	38	37	35	34	30	28	23	19	14	7	35~16	1255x110x185(S) 1075x110x185(T)	18.9/17.3				
4SGm12/7	4SG12/7	1.5	2	46	44	42	39	36	32	28	23	17	9	42~19	M:770x125x225(S) B:700x125x125	M:17 B:5.8 M:14 B:5.8				
4SGm12/8	4SG12/8	1.5	2	53	50	48	45	41	37	32	26	19	10	49~21	M:770x125x225(S) B:730x125x125	M:17 B:6.2 M:14 B:6.2				
4SGm12/10	4SG12/10	2.2	3	65	63	60	56	52	47	41	35	27	17	60~28	M:880x125x225(S) B:890x125x125	M:22.5 B:7.3 M:16.5 B:7.3				
4SGm12/12	4SG12/12	2.2	3	78	76	72	67	62	56	49	42	32	20	73~35	M:880x125x225(S) B:890x125x125	M:22.5 B:8.1 M:16.5 B:8.1				
-	4SG12/14	3	4	90	86	82	78													