

4SG(m)

4"Deep Well Pumps

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 m3/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 (L x W x H)		G.W. (kg)		Discharge (In)												
Single-Phase	Three-Phase	kW	HP	m³/h	0	0.6	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	l/min		0	10	20	25		30	35	40	45	50	60	Single-Phase	Three-Phase	Single-Phase	Three-Phase		
4SGm2/8	-	0.37	0.5	58	55	52	50	46	43	38	34	27	15	55~22	1020 x 110 x 185	-	13.7	-															
4SGm2/11	-	0.55	0.75	80	79	74	71	67	62	56	49	41	23	77~34	1100 x 110 x 185	-	15.1	-															
4SGm2/14	4SG2/14	0.75	1	103	99	93	89	84	82	70	62	51	30	99~43	1220 x 110 x 185	1075 x 110 x 185	19.7	15.3															
4SGm2/16	4SG2/16	0.75	1	117	113	106	102	96	94	80	71	58	35	113~49	1280 x 110 x 185	1130 x 110 x 185	17.5	15.8															
4SGm2/19	4SG2/19	1.1	1.5	140	135	127	122	115	107	98	86	71	42	135~60	1415 x 110 x 185	1280 x 110 x 185	20.0	18.4															
4SGm2/22	4SG2/22	1.1	1.5	162	156	147	141	133	124	113	100	82	50	156~69	1500 x 110 x 185	1310 x 110 x 185	20.7	19.1															
4SGm2/25	4SG2/25	1.5	2	184	178	169	162	152	142	128	114	96	58	178~81	M:770 x 125 x 225 B:980 x 125 x 125	M:645 x 125 x 125 B:980 x 125 x 125	M:17 B:7.8	M:13.9 B:7.8															
4SGm2/28	4SG2/28	1.5	2	206	199	189	181	170	159	143	128	108	62	199~91	M:770 x 125 x 225 B:1075 x 125 x 125	M:645 x 125 x 125 B:1075 x 125 x 125	M:17 B:8.4	M:13.9 B:8.4															
4SGm2/33	4SG2/33	2.2	3	246	238	226	216	204	191	174	153	130	80	238~110	M:870 x 125 x 225 B:1180 x 125 x 125	M:690 x 125 x 125 B:1180 x 125 x 125	M:22.5 B:9.3	M:16.5 B:9.3															
4SGm2/38	4SG2/38	2.2	3	283	274	260	249	235	220	200	176	150	91	274~127	M:870 x 125 x 225 B:1310 x 125 x 125	M:690 x 125 x 125 B:1310 x 125 x 125	M:22.5 B:10.2	M:16.5 B:10.2															
-	4SG2/44	3	4	321	311	295	284	269	250	225	198	165	96	311~137	-	M:780 x 125 x 125 B:1500 x 125 x 125	-	-	M:20.5 B:13														
-	4SG2/50	3	4	364	353	335	323	306	284	256	225	188	109	353~156	-	M:780 x 125 x 125 B:1680 x 125 x 125	-	-	M:20.5 B:14.1														
-	4SG2/56	4	5.5	411	396	376	361	342	318	289	252	206	122	396~175	-	M:825 x 125 x 125 B:1855 x 125 x 125	-	-	M:20.8 B:15														
-	4SG2/62	4	5.5	454	438	416	400	379	352	320	279	228	135	438~190	-	M:825 x 125 x 125 B:1980 x 125 x 125	-	-	M:20.8 B:16														

Performance Data

Model		Power		Flow								Head Range (m)	Packing Dim(mm) Pump (L x W x H)		G.W. (kg)		Discharge (In)														
Single-Phase	Three-Phase	kW	HP	m³/h	0	1.2	1.8	2.4	3	3.6	4.2		4.8	l/min	0	20		30	40	50	60	70	80	Single-Phase	Three-Phase	Single-Phase	Three-Phase				
4SGm3/7	-	0.37	0.5	49	47	44	40	35	28	23	12	47~25	1020 x 110 x 185	-	13.5	-															
4SGm3/9	-	0.55	0.75	65	63	60	55	48	40	30	19	63~35	1075 x 110 x 185	-	14.7	-															
4SGm3/11	4SG3/11	0.75	1	81	78	75	68	60	49	37	24	78~43	1150x110x185	1020x110x185	16.3	14.6															
4SGm3/13	4SG3/13	0.75	1	96	92	89	80	71	58	44	28	92~51	1220x110x185	1075x110x185	16.7	15															
4SGm3/15	4SG3/15	1.1	1.5	110	106	102	96	84	68	49	28	106~59	1310x110x185	1150x110x185	19.1	17.5															
4SGm3/17	4SG3/17	1.1	1.5	125	120	116	109	95	77	56	32	120~67	1360x110x185	1220x110x185	19.5	17.9															
4SGm3/19	4SG3/19	1.5	2	140	136	130	120	106	87	66	43	136~77	M:770x125x225 B:890x125x125	M:645x125x125 B:890x125x125	M:17 B:7.1	M:13.9 B:7.1															
4SGm3/21	4SG3/21	1.5	2	155	150	144	133	117	96	73	48	150~85	M:770x125x225 B:935x125x125	M:645x125x125 B:935x125x125	M:17 B:7.5	M:13.9 B:7.5															
4SGm3/26	4SG3/26	2.2	3	195	190	182	168	150	124	96	65	190~111	M:880x125x225 B:1075x125x125	M:690x125x125 B:1075x125x125	M:22.5 B:8.6	M:16.5 B:8.6															
4SGm3/30	4SG3/30	2.2	3	225	219	210	194	173	143	111	75	219~127	M:880x125x225 B:1180x125x125	M:690x125x125 B:1180x125x125	M:22.5 B:9.5	M:16.5 B:9.5															
-	4SG3/35	3	4	260	253	243	224	198	163	124	78	253~144	-	M:780x125x125 B:1310x125x125	-	-	M:20.5 B:10.8														
-	4SG3/40	3	4	297	289	278	256	226	186	142	89	289~165	-	M:780x125x125 B:1460x125x125	-	-	M:20.5 B:11.9														
-	4SG3/45	4	5.5	332	324	310	288	256	208	162	107	324~185	-	M:825x125x125 B:1580x125x125	-	-	M:20.8 B:13.5														
-	4SG3/50	4	5.5	369	360	344	320	284	231	180	114	360~206	-	M:825x125x125 B:1735x125x125	-	-	M:20.8 B:14.6														
-	4SG3/55	5.5	7.5	400	393	380	355	323	250	187	115	393~219	-	M:920x125x125 B:1880x125x125	-	-	M:27.5 B:15.7														
-	4SG3/60	5.5	7.5	436	429	415	387	352	273	204	125	429~241	-	M:920x125x125 B:2015x125x125	-	-	M:27.5 B:16.8														

Model		Power		Flow										Head Range (m)	Packing Dim(mm) Pump (L x W x H)		G.W. (kg)		Discharge (In)												
Single-Phase	Three-Phase	kW	HP	m³/h	0	1.2	1.8	2.4	3	3.6	4.2	4.8	6		l/min	0	20	30		40	50	60	70	80	100	Single-Phase	Three-Phase	Single-Phase	Three-Phase		
4SGm4/6	-	0.37	0.5	42	39	37	35	32	29	24	19	10	39~15	1020 x 110 x 185	-	13.5	-														
4SGm4/7	-	0.55	0.75	50	45	43	42	39	38	31	26	11	45~19	1075 x 110 x 185	-	15.7	-														
4SGm4/8	4SG4/8	0.75	1	59	52	50	49	46	44	36	30	13	52~21	1100 x 110 x 185	955 x 110 x 185	15.9	14.2														
4SGm4/10	4SG4/10	0.75	1	74	69	66	64	59	54	46	37	19	69~30	1180 x 110 x 185	980 x 110 x 185	14.8	14.6														
4SGm4/12	4SG4/12	1.1	1.5	90	83	81	77	72	65	56	45	19	83~37	1255 x 110 x 185	1075 x 110 x 185	18.8	17.2														
4SGm4/14	4SG4/14	1.1	1.5	104	97	95	90	84	76	65	53	22	97~43	1310 x 110 x 185	1130 x 110 x 185	17.4	17.6														
4SGm4/16	4SG4/16	1.5	2	119	108	105	102	96	87	78	65	34	110~51	M:770 x 125 x 225 B:850 x 125 x 125	M:645 x 125 x 125 B:850 x 125 x 125	M:17 B:6.8	M:13.9 B:6.8														
4SGm4/18	4SG4/18	1.5	2	133	122	118	115	108	98	88	73	38	124~57	M:770 x 125 x 225 B:890 x 125 x 125	M:645 x 125 x 125 B:890 x 125 x 125	M:17 B:7.2	M:13.9 B:6.4														
4SGm4/21	4SG4/21	2.2	3	156	146	140	136	127	116	104																					

Model		Power		Flow								Head Range (m)	Packing Dim(mm) Pump (L x W x H)		G.W. (kg)		Discharge (In)
Single-Phase	Three-Phase	kW	HP	m³/h									Single-Phase	Three-Phase	Single-Phase	Three-Phase	
					0	2.4	3.6	4.8	6	7.2	8.4						
4SGm6/5	-	0.37	0.55	35	30	27	24	21	15	9	30~11	980 x 110 x 185	-	13.2	-	G1½ / G2	
4SGm6/6	-	0.55	0.75	43	38	35	31	27	20	12	38~16	1020 x 110 x 185	-	14.3	-		
4SGm6/7	4SG6/7	0.75	1	50	46	41	37	32	25	15	46~19	1075 x 110 x 185	935 x 110 x 185	15.8	14.1		
4SGm6/8	4SG6/8	0.75	1	57	52	47	42	36	28	17	52~22	1130 x 110 x 185	955 x 110 x 185	16.0	14.3		
4SGm6/9	4SG6/9	1.1	1.5	64	59	54	47	41	31	20	60~25	1180 x 110 x 185	1020 x 110 x 185	18.2	16.6		
4SGm6/11	4SG6/11	1.1	1.5	78	72	66	58	50	38	25	73~21	1280 x 110 x 185	1100 x 110 x 185	17.3	17		
4SGm6/12	4SG6/12	1.5	2	89	80	73	65	57	45	26	80~34	M:770 x 125 x 225 B:700 x 125 x 125	M:645 x 125 x 125 B:700 x 125 x 125	M:17 B:5.5	M:13.9 B:5.5		
4SGm6/14	4SG6/14	1.5	2	103	93	85	76	66	52	30	93~40	M:770 x 125 x 225 B:770 x 125 x 125	M:645 x 125 x 125 B:770 x 125 x 125	M:17 B:6.2	M:13.9 B:6.2		
4SGm6/17	4SG6/17	2.2	3	121	112	105	92	77	61	38	115~47	M:880 x 125 x 225 B:890 x 125 x 125	M:690 x 125 x 125 B:890 x 125 x 125	M:22.5 B:7.2	M:16.5 B:7.2		
4SGm6/20	4SG6/20	2.2	3	142	132	123	108	90	72	45	135~55	M:880 x 125 x 225 B:1020 x 125 x 125	M:690 x 125 x 125 B:1020 x 125 x 125	M:22.5 B:8.1	M:16.5 B:8.1		
-	4SG6/23	3	4	164	150	138	122	104	81	53	152~66	-	-	-	M:20.5 B:8.8		
-	4SG6/26	3	4	185	169	156	138	117	92	60	172~75	-	-	-	M:20.5 B:9.1		
-	4SG6/30	4	5.5	213	193	177	157	135	106	69	197~86	-	M:825 x 125 x 125 B:1360 x 125 x 125	-	M:20.8 B:11		
-	4SG6/34	4	5.5	241	219	201	178	153	120	78	223~98	-	M:825 x 125 x 125 B:1500 x 125 x 125	-	M:20.8 B:12.3		
-	4SG6/38	5.5	7.5	270	247	226	202	171	137	91	252~118	-	M:920 x 125 x 125 B:1615 x 125 x 125	-	M:27.5 B:13.2		
-	4SG6/42	5.5	7.5	298	273	250	223	189	151	101	278~130	-	M:920 x 125 x 125 B:1800 x 125 x 125	-	M:27.5 B:14.1		
-	4SG6/46	7.5	10	335	300	276	247	214	163	109	307~136	-	M:1040 x 125 x 125 B:1980 x 125 x 125	-	M:24.2 B:15.3		
-	4SG6/50	7.5	10	364	326	300	269	233	177	118	334~148	-	M:1040 x 125 x 125 B:2060 x 125 x 125	-	M:24.2 B:16.1		

Model		Power		Flow								Head Range (m)	Packing Dim(mm) Pump (L x W x H)		G.W. (kg)		Discharge (In)
Single-Phase	Three-Phase	kW	HP	m³/h									Single-Phase	Three-Phase	Single-Phase	Three-Phase	
					0	2.4	3.6	6	7.2	8.4	10.8						
4SGm8/5	-	0.55	0.75	32	28	26	23	21	17	7	28~11	1020x110x185	-	14.4	-	G2	
4SGm8/6	4SG8/6	0.75	1	39	35	32	28	26	22	10	35~15	1100x110x185	955x110x185	15.9	14.2		
4SGm8/7	4SG8/7	0.75	1	46	41	37	33	30	26	12	41~17	1130x110x185	980x110x185	14.4	14.5		
4SGm8/8	4SG8/8	1.1	1.5	51	46	43	38	35	30	15	46~21	1220x110x185	1075x110x185	18.4	19.1		
4SGm8/9	4SG8/9	1.1	1.5	57	52	48	43	39	34	17	52~23	1255x110x185	1130x110x185	16.7	17.1		
4SGm8/10	4SG8/10	1.5	2	64	58	54	48	44	38	19	58~26	M:770x125x225 B:730x125x125	M:645x125x125 B:730x125x125	M:17 B:4.8	M:13.9 B:4.8		
4SGm8/12	4SG8/12	1.5	2	77	70	65	58	53	46	23	70~32	M:770x125x225 B:810x125x125	M:645x125x125 B:810x125x125	M:17 B:5.9	M:13.9 B:5.9		
4SGm8/15	4SG8/15	2.2	3	98	88	82	73	67	58	29	88~41	M:880x125x225 B:935x125x125	M:690x125x125 B:935x125x125	M:22.5 B:7	M:16.5 B:7		
4SGm8/18	4SG8/18	2.2	3	118	106	98	88	80	70	35	106~48	M:880x125x225 B:1075x125x125	M:690x125x125 B:1075x125x125	M:22.5 B:7.9	M:16.5 B:7.9		
-	4SG8/21	3	4	134	124	114	102	93	80	40	124~56	-	-	-	M:20.5 B:9.2		
-	4SG8/24	3	4	153	142	130	117	106	91	46	142~64	-	M:780x125x125 B:1310x125x125	-	M:20.5 B:10.3		
-	4SG8/27	4	5.5	172	160	147	132	120	103	49	160~71	-	M:825x125x125 B:1415x125x125	-	M:20.8 B:11.2		
-	4SG8/30	4	5.5	191	178	163	147	133	114	54	178~78	-	M:825x125x125 B:1550x125x125	-	M:20.8 B:12.1		
-	4SG8/34	5.5	7.5	212	198	182	162	147	125	56	198~83	-	M:920x125x125 B:1735x125x125	-	M:27.5 B:13.8		
-	4SG8/38	5.5	7.5	237	221	203	181	164	140	62	221~93	-	M:920x125x125 B:1910x125x125	-	M:27.5 B:14.7		
-	4SG8/42	7.5	10	260	241	223	198	178	149	63	241~97	-	M:1040x125x125 B:2060x125x125	-	M:24.2 B:16.3		
-	4SG8/46	7.5	10	285	264	244	217	195	163	69	264~106	-	M:1040x125x125 B:2210x125x125	-	M:24.2 B:17.5		

Model		Power		Flow								Head Range (m)	Packing Dim(mm) Pump (L x W x H)		G.W. (kg)		Discharge (In)
Single-Phase	Three-Phase	kW	HP	m³/h									Single-Phase	Three-Phase	Single-Phase	Three-Phase	
					0	3.6	5.4	7.2	9	10.8	12.6						
4SGm10/4	4SG10/4	0.75	1	25	23	22	21	18	14	7	23~7	1020x110x185	890x110x185	15.3	13.6	G2	
4SGm10/5	4SG10/5	0.75	1	31	29	27	26	23	18	9	29~9	1075x110x185	955x110x185	15.6	13.9		
4SGm10/6	4SG10/6	1.1	1.5	37	34	33	31	28	23	13	35~13	1130x110x185	980x110x185	17.8	16.2		
4SGm10/7	4SG10/7	1.1	1.5	43	40	39	36	33	27	15	40~15	1180x110x185	1020x110x185	18.1	16.5		
4SGm10/8	4SG10/8	1.5	2	50	46	44	42	37	30	17	47~17	M:770x125x225 B:635x125x125	M:645x125x125 B:635x125x125	M:17 B:4.7	M:14 B:4.7		
4SGm10/10	4SG10/10	1.5	2	63	58	55	52	46	38	21	59~21	M:770x125x225 B:730x125x125	M:645x125x125 B:730x125x125	M:17 B:6.0	M:14 B:6.0		
4SGm10/12	4SG10/12	2.2	3	77	70	66	63	55	42	22	70~22	M:880x125x225 B:850x125x125	M:690x125x125 B:850x125x125	M:22.5 B:6.6	M:16.5 B:6.6		
4SGm10/14	4SG10/14	2.2	3	90	82	77	74	64	49	26	84~26	M:880x125x225 B:890x125x125	M:690x125x125 B:890x125x125	M:22.5 B:6.6	M:16.5 B:6.6		
-	4SG10/16	3	4	100	91	88	84	74	59	36	92~36	-	M:780x125x125 B:980x125x125	-	M:20.5 B:7.5		
-	4SG10/18	3	4	113	102	99	95	83	66	41	105~41	-	M:780x125x125 B:1075x125x125	-	M:20.5 B:8.2		
-	4SG10/20	4	5.5	124	114	110	106	95	76	45	116~45	-	M:825x125x125 B:1130x125x125	-	M:20.8 B:8.7		
-	4SG10/22	4	5.5	136	125	121	117	105	84	50	128~50	-	M:825x125x125 B:1210x125x125	-	M:20.8 B:9.4		
-	4SG10/25	5.5	7.5	154	141	136	130	116	92	55	144~55	-	M:920x125x125 B:1360x125x125	-	M:27.5 B:10.0		
-	4SG10/28	5.5	7.5	172	158	152	146	125	103	62	161~62	-	M:920x125x125 B:1460x125x125	-	M:27.5 B:10.7		
-	4SG10/31	7.5	10	188	174	168	160	141	110	66	177~66	-	M:1040x125x125 B:1580x125x125	-	M:24.2 B:11.9		
-	4SG10/34	7.5	10	206	191	184	175	155	121	72	194~72	-	M:1040x125x125 B:1680x125x125	-	M:24.2 B:12.6		

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Single-Phase	Three-Phase	kW	HP	m³/h											Single-Phase	Three-Phase	Single-Phase	Three-Phase	
					0	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2						
4SGm12/3	4SG12/3	0.75	1	19	17	17	16	14	12	10	8	2	18~7	1075x110x185	890x110x185	15.7	14	G2	
4SGm12/4	4SG12/4	0.75	1	25	23	22	21	19	16	13	10	3	23~9	1100x110x185	935x110x185	16.1	14.4		
4SGm12/5	4SG12/5	1.1	1.5	32	30	29	28	24	21	18	13	5	29~13	1180x110x185	935x110x185	18.5	16.9		
4SGm12/6	4SG12/6	1.1	1.5	38	36	35	33	29	25	21	16	6	35~16	1255x110x185	1075x110x185	18.9	17.3		
4SGm12/7	4SG12/7	1.5	2	47	45	41	38	35	30	26	20	8	43~18	M:770x125x225 B:700x125x125	M:645x125x125 B:700x125x125	M:17 B:5.9	M:14 B:5.9		
4SGm12/8	4SG12/8	1.5	2	53	51	47	43	40	34	30	23	9	49~21	M:770x125x225 B:730x125x125	M:645x125x125 B:730x125x125	M:17 B:6.1	M:14 B:6.1		
4SGm12/10	4SG12/10	2.2	3	65	63	58	53	48	43	37	30	12	61~29	M:880x125x225 B:890x125x125	M:690x125x125 B:890x125x125	M:22.5 B:7.5	M:16.5 B:7.5		
4SGm12/12	4SG12/12	2.2	3																