

3.5" 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;
- motor equipped with start box which built in capacitor & current mode thermal protector, convenient for replacement;
- Pump sleeve with screw thread, single stage floating impellers;
- Installation in 3.5" or larger boreholes;

Performance Data

Model	Power		Flow										Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)												
	kW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	l/min				0	5	10	15	20	25	30	35				
Single-Phase 220V																											
3.5SGm1/9	0.37	0.5		54	51	45	40	35	24	16	3		51~32	1015×110×185	15												
3.5SGm1/12	0.55	0.75		72	68	60	53	47	32	21	3		68~43	1050×110×185	17												
3.5SGm1/18	0.75	1	H(m)	108	102	90	80	70	48	32	5		102~63	1220×110×185	19.5												
3.5SGm1/22	1.1	1.5		132	125	110	98	86	59	39	6		125~77	1380×110×185	22												
3.5SGm1/26	1.5	2		156	147	130	116	101	69	46	7		147~91	M:770×125×225 B:850×125×125	27.5												

Model	Power		Flow														Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)										
	kW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6				l/min	0	5	10	15	20	25	30	35	40
3.5SGm2/10	0.37	0.5		63	62	61	59	56	53	49	46	41	36	31	24	17		60~28	1100×110×185	15.5									
3.5SGm2/13	0.55	0.75		81	80	79	77	73	69	64	59	53	47	39	31	22		78~36	1220×110×185	17									
3.5SGm2/15	0.75	1	H(m)	92	90	88	85	81	76	71	65	59	51	44	34	23		87~40	1280×110×185	18.5									
3.5SGm2/18	1.1	1.5		116	114	112	109	104	98	93	86	79	70	61	51	38		111~57	1415×110×185	21									
3.5SGm2/25	1.5	2		163	161	158	154	147	140	132	123	113	101	88	72	55		157~82	M:770×125×225 B:980×125×125	M:20.5 B:7.5									
3.5SGm2/28	1.8	2.4		186	184	181	176	169	160	151	141	131	118	103	85	66		179~96	M:825×125×225 B:1075×125×125	M:23.5 B:8.5									

Model	Power		Flow											Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)							
	kW	HP	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4				l/min	0	10	20	30	40	50
3.5SGm3/8	0.37	0.5		43	42	41	38	37	33	29	23	17	9		41~18	1075×110×185	15						
3.5SGm3/11	0.55	0.75		58	56	54	51	48	44	38	30	21	11		54~23	1150×110×185	16.5						
3.5SGm3/14	0.75	1	H(m)	70	69	66	62	59	52	44	34	23	10		67~25	1255×110×185	18						
3.5SGm3/17	1.1	1.5		91	89	87	82	79	73	62	51	37	22		88~40	1360×110×185	21						
3.5SGm3/23	1.5	2		123	120	116	112	108	100	87	72	53	31		117~57	M:770×125×225 B:935×125×125	M:20.5 B:7.5						
3.5SGm3/26	1.8	2.4		141	138	133	129	126	116	101	83	62	39		135~66	M:825×125×225 B:980×125×125	M:23.5 B:8.5						

Model	Power		Flow												Head Range (m)	Packing Dim. (mm) Pump (L×W×H)	G.W. (kg)								
	kW	HP	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6				l/min	0	10	20	30	40	50	60
3.5SGm4/7	0.37	0.5		38	37	36	35	33	32	29	25	22	16	11		36~19	1020×110×185	11							
3.5SGm4/9	0.55	0.75		49	48	46	45	44	42	38	33	27	21	13		46~23	1100×110×185	12							
3.5SGm4/11	0.75	1	H(m)	59	58	55	54	51	49	45	39	32	25	16		55~27	1150×110×185	13							
3.5SGm4/13	1.1	1.5		73	71	69	68	64	63	58	52	44	34	23		69~37	1255×110×185	15							
3.5SGm4/18	1.5	2		101	98	96	94	89	88	81	72	61	48	32		96~53	M:770×125×225 B:730×125×125	M:13.5 B:6.5							
3.5SGm4/21	1.8	2.5		119	116	114	113	106	105	97	87	74	58	41		114~64	M:825×125×225 B:850×125×125	M:15 B:6.7							