

3" 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;
- Pump sleeve with screw thread, single stage floating impellers;
- Installation in 3" 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	2.4	2.7			
Single-Phase 220V			l/min	0	5	10	15	20	25	30	35	40	45			
3SGm1.8/7	0.18	0.25	H(m)	30	30	29	29	27	25	23	20	16	11	29~11	915×90×185	6.5
3SGm1.8/10	0.25	0.33		43	42	42	41	39	36	33	28	23	16	42~16	1010×90×185	7.5
3SGm1.8/14	0.37	0.5		60	59	59	57	54	51	46	40	32	23	59~23	1150×90×185	9
3SGm1.8/20	0.55	0.75		86	85	84	82	78	73	66	57	46	32	84~32	1325×90×185	11
3SGm1.8/27	0.75	1		115	114	113	110	105	98	88	76	62	44	113~44	1540×90×185	13
3SGm1.8/33	1.1	1.5		142	141	139	136	130	120	109	93	77	53	139~53	1760×90×185	15.5

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	kW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7				3
Single-Phase 220V			l/min	0	5	10	15	20	25	30	35	40	45	50			
3SGm2/7	0.18	0.25	H(m)	30	29	28	27	26	24	21	18	14	10	6	28~10	915×90×185	6.5
3SGm2/10	0.25	0.33		42	41	41	39	37	34	30	26	21	15	9	41~15	1010×90×185	7.5
3SGm2/14	0.37	0.5		59	57	57	55	52	48	42	36	29	20	13	57~20	1150×90×185	9
3SGm2/20	0.55	0.75		84	82	81	78	74	68	60	52	41	29	18	81~29	1325×90×185	11
3SGm2/27	0.75	1		113	111	109	105	100	92	81	70	55	39	24	109~39	1540×90×185	13
3SGm2/33	1.1	1.5		139	135	134	129	122	112	99	86	68	48	30	134~48	1760×90×185	15.5

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	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
Single-Phase 220V			l/min	0	5	10	15	20	25	30	35	40	45	50	55	60			
3SGm2.5/5	0.18	0.25	H(m)	21	21	21	20	20	19	18	17	16	14	12	10	7	20~10	920×90×185	6
3SGm2.5/7	0.25	0.33		30	29	29	29	28	27	26	24	22	20	17	14	10	29~14	1000×90×185	7
3SGm2.5/10	0.37	0.5		41	42	41	41	40	38	37	34	32	28	24	20	14	41~20	1100×90×185	8
3SGm2.5/15	0.55	0.75		62	62	62	61	60	57	55	52	47	42	37	30	20	61~30	1300×90×185	10
3SGm2.5/20	0.75	1		83	83	83	82	79	77	73	69	63	57	49	39	27	82~39	1470×90×185	11.5
3SGm2.5/25	1.1	1.5		104	104	103	102	99	96	92	86	79	71	61	49	34	102~49	1710×90×185	14