

MODEL: S4M & S4MX—Solids Handling Sewage Pump

R.P.M.	1750			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	B (3Ø) L (1Ø)			
GENERAL INSULATION CLASS	H			
STATOR WINDING CLASS	H			
MAXIMUM STATOR TEMPERATURE	356°F (180°C)			
MOTOR PROTECTION	BI-METALLIC, TEMPERATURE SENSITIVE DISC, SIZED TO OPEN AT 130°C AND AUTOMATICALLY RESET @ 96–68°C DIFFERENTIAL, ONE IN SINGLE PHASE, TWO IN THREE PHASE			
ELECTRICAL RATINGS	HEAT SENSOR	24VDC 5AMPS	115VAC 5AMPS	230VAC 5AMPS
	SEAL FAIL	300VAC 5mA		
VOLTAGE TOLERANCE	±10%			

HP	VOLTAGE	PHASE	NEC CODE	SF	FULL LOAD AMPS	SF AMPS	LQD. RTTR. AMPS	RUN KW	START KVA	RUN KVA	MTR. EFF. @ SF	MTR. EFF. 100% FL	MTR. EFF. 75% FL	MTR. EFF. 50% FL	PWR. FACT. @ SF	PWR. FACT. 100% FL	PWR. FACT. 75% FL	PWR. FACT. 50% FL
5.0	200	1	G	1.2	26	31.9	144	4.8	28.8	4.9	.77	.78	.79	.68	.97	.97	.95	.87
	230				22.6	27.8	125											
5.0	200	3	M	1.2	18.9	21.1	147	4.8	51	6.6	.80	.78	.73	.67	.77	.73	.66	.58
	230				18.8	22.5	128											
	460				9.4	11.3	64											
	575				6.6	7.3	51.2											
7.5	230	1	D	1.2	37	45	137	7.3	31.5	7.4	.77	.77	.75	.67	.98	.98	.97	.92
7.5	200	3	H	1.2	25.2	29.5	147	7.0	51	8.8	.80	.80	.79	.73	.82	.80	.76	.66
	230				21.9	25.7	128											
	460				11	12.8	64											
	575				8.8	10.3	51.2											
10	200	3	H	1.2	33.9	40.7	186	9.3	64.5	11.7	.80	.81	.79	.75	.81	.79	.75	.66
	230				29.5	35.3	162											
	460				14.7	17.3	81											
	575				11.8	13.9	65											
15	200	3	G	1.2	50.8	60.9	267	13.7	92.5	17.6	.80	.82	.81	.79	.80	.78	.71	.60
	230				44.2	53	232											
	460				22.1	26.5	116											
	575				17.7	21.2	92.8											

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3	200	3	N	1.2	15.9	19.0	106	2.9	36.7	5.1	.80	.78	.75	.68	.61	.56	.48	.39
	230				14.2	14.8	92											
	460				7.2	7.6	46											
	575				5.1	5.6	36.8											
5	200	3	J	1.2	19.3	22.2	106	4.6	36.7	6.7	.81	.81	.80	.76	.72	.69	.62	.51
	230				16.8	19.3	92											
	460				8.4	9.6	46											
	575				6.7	7.7	36.8											