

MODEL: S4M & S4MX—Solids Handling Sewage Pump

R.P.M.	1150			
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	24VDC	115VAC	230VAC
	SENSOR	5AMPS	5AMPS	5AMPS
	SEAL FAIL	300VAC 5mA		
VOLTAGE TOLERANCE	±10%			

HP	VOLTAGE	PHASE	NEC CODE	SF	FULL LOAD AMPS	SF AMPS	LOCKD. RTR. 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
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											