

Electrical Data – S4M(X)P/S4MV(X)P/C4S(X)P

MODEL: S4M(X)P/S4MV(X)P/C4S(X)P - Hydromatic® Premium Efficient (HPE) Submersible Solids Handling Pump

R.P.M.	1150			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	A or B (3Ø) EXCEEDS L (1Ø)			
GENERAL INSULATION CLASS	H			
STATOR WINDING CLASS	H			
MAXIMUM STATOR TEMPERATURE RATING	356°F (180°)			
MOTOR PROTECTION	BI-METALLIC, TEMPERATURE SENSITIVE DISC, SIZED TO OPEN AT 130°C AND AUTOMATICALLY RESET @ 82°C DIFFERENTIAL, ONE IN SINGLE PHASE, THREE IN THREE PHASE			
ELECTRICAL RATINGS	HEAT SENSOR	24VDC 5AMPS	115VAC 5AMPS	230VAC 5AMPS
	SEAL FAIL	300VAC 5mA		
VOLTAGE TOLERANCE	±10%			

HP	VOL TAGE	PHASE	NEC CODE	SF	FULL LOAD AMPS	SF AMPS	LOCKED ROTOR AMPS	RUN KW	START KVA	RUN KVA	NEMA REQ. PREMIUM EFFICIENCY @ FL	MTR. EFF. 100% FL	MTR. EFF. 75% FL	MTR. EFF. 50% FL	MTR. EFF. @ SF	PWR. FACT. @ SF	PWR. FACT. 100% FL	PWR. FACT. 75% FL	PWR. FACT. 50% FL
3	208	3	P	1.3	13.3	17.7	111	2.8	39.8	4.8	89.5	*89.5	*87.8	*84.4	*89.5	0.67	0.59	0.5	0.38
	230				12	16	100												
	460				6	8	50												
	575				4.8	6.4	43												
5	208	3	J	1.3	16.6	21	111	4.4	39.8	6.0	89.5	*89.5	*89.5	*88.5	*89.2	0.782	0.733	0.66	0.536
	230				15	19	100												
	460				7.5	8.5	50												
	575				6	6.8	43												

*Motor Efficiency does not include seal and oil losses per IEC60034-30 5.1.3 Full Load Amps and Service Factor Amps do include these losses