

MODEL: S4L & S4LX — Solids Handling Sewage Pump

R.P.M.	870			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	B (3ø)			
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	LOCKED ROTOR 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
1½	200	3	P	1.2	8.2	8.8	57.5	1.9	19.9	2.8	.63	.60	.54	.45	.70	.66	.61	.53
	230				7.1	7.6	50											
	460				3.5	3.8	25											
	575				2.8	3.1	20											
2	200	3	L	1.2	9.3	10.4	57.5	2.3	19.9	3.2	.67	.65	.60	.52	.74	.72	.66	.58
	230				8.1	9.1	50											
	460				4.1	4.5	25											
	575				3.2	3.6	20											
3	200	3	N	1.2	16.7	18.3	106	3.3	36.7	5.8	.72	.68	.62	.54	.59	.57	.53	.45
	230				14.5	15.9	92											
	460				7.2	7.9	46											
	575				5.8	6.3	36.8											
5	200	3	J	1.2	22.7	26.1	106	4.9	36.7	7.9	.78	.77	.73	.65	.64	.62	.65	.55
	230				19.7	22.7	92											
	460				9.9	11.3	46											
	575				7.9	9.1	36.8											