

MODEL: S4L & S4LX — Solids Handling Sewage Pump

R.P.M.	1150			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	B (3 ϕ)			
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
3	200	3	K	1.2	13.3	15.6	106	3.4	36.7	4.6	.69	.66	.60	.51	.72	.74	.63	.55
	230				11.6	13.6	92											
	460				5.8	6.8	46											
	575				4.6	5.4	36.8											
5	200	3	J	1.2	19.4	23.9	106	5.1	36.7	6.8	.75	.73	.70	.62	.73	.76	.73	.66
	230				16.9	20.8	92											
	460				8.4	10.4	46											
	575				6.8	8.3	36.8											
7½	200	3	K	1.2	28.8	32.7	186	7.1	64.5	10.0	.80	.79	.75	.69	.74	.71	.66	.57
	230				25	28.5	162											
	460				12.5	14.2	81											
	575				10	11.4	65											
10	200	3	H	1.2	35.7	42	186	9.3	64.5	12.3	.80	.81	.79	.74	.77	.75	.71	.63
	230				31	36.5	162											
	460				15.5	18.2	81											
	575				12.4	14.6	65											
15	200	3	G	1.2	48.1	56.6	267	13.3	92.5	16.6	.84	.84	.84	.80	.82	.80	.78	.70
	230				41.8	49.2	232											
	460				20.9	24.6	116											
	575				16.7	19.7	92.8											