

MODEL: S8L & S8LX— Solids Handling Sewage Pump

R.P.M.	1150			
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 150°C AND AUTOMATICALLY RESET @ 117–89°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	LCKD. 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
30	200	3	J	1.2	97.5	114	667	26.0	230	33.8	.87	.86	.84	.79	.78	.77	.74	.68
	230				92.2	107	580											
	460				46.0	53.0	290											
	575				33.9	39.7	232											
40	200	3	G	1.2	127	152	667	34.3	230	44	.87	.87	.86	.83	.78	.78	.77	.72
	230				120.4	144.4	580											
	460				60.2	72.2	290											
	575				44.2	53	232											
50	230	3	G	1.2	148	174	726	46	290	53.3	.81	.80	.78	.74	.80	.80	.79	.75
	460				74	87	363											
	575				59	70	290											
60	460	3	J	1.2	84	101	548	54.5	435	62.8	.82	.82	.80	.76	.87	.86	.83	.76
	575				69	81	438											