

MODEL: S12L & S12LX—Solids Handling Sewage Pump

R.P.M.	1750			
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
75	460	3	F	1.2	99.4	119.3	490	64.7	390	75.2	.87	.87	.85	.81	.86	.86	.86	.82
	575				75.5	90.6	392											
100	460	3	G	1.2	132.3	160	725	85.3	580	97.4	.87	.88	.87	.84	.87	.88	.86	.83
	575				97.8	118.8	580											
125	460	3	E	1.2	172	206	725	102.9	580	118	.87	.87	.87	.87	.87	.87	.87	.86
	575				137.6	165	580											
150	460	3	E	1.2	200	240	932	125	742	159.2	.89	.89	.89	.85	.79	.78	.75	.66
	575				160	192	745.6											