

## MODEL: S12L & S12LX— 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 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	LOCKD. 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
15	200	3	J	1.2	53.4	61.2	334	13.4	116	18.5	.85	.84	.82	.75	.75	.73	.68	.59
	230				46.4	53.2	290											
	460				23.2	26.6	145											
	575				18.6	21.3	116											
20	200	3	G	1.2	67.1	78.5	334	17.6	116	23.2	.86	.85	.84	.80	.77	.76	.73	.66
	230				63.6	73.8	290											
	460				31.8	36.9	145											
	575				23.3	27.3	116											
25	200	3	H	1.2	81.5	94	501	23.3	175	28.3	.83	.80	.77	.74	.77	.76	.70	.65
	230				78	88	436											
	460				39	44	218											
	575				28.4	32.7	174											
30	200	3	G	1.2	94.1	111	501	25.4	175	32.6	.89	.88	.88	.85	.79	.78	.72	.64
	230				81.8	97	436											
	460				40.9	48.5	218											
	575				32.7	38.8	174											