

## MODEL: S12L & S12LX—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	LOAD. 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
40	230	3	G	1.2	120.4	146.4	580	34.3	230	44.0	.87	.87	.86	.83	.78	.78	.77	.72
	460				60.2	72.7	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	50.9	435	62.8	.88	.88	.88	.84	.82	.81	.78	.73
	575				69	81	438											
75	460	3	G	1.2	97.9	124	548	63.9	435	78	.86	.88	.88	.86	.79	.82	.81	.76
	575				84	107	438											