

MODEL: S8F & S8FX—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 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	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
3	200	3	N	1.2	16.7	18.3	106	3.3	36.7	5.8	.72	.68	.62	.54	.59	.57	.53	.45
	230				14.5	15.9	92											
	460				7.2	7.9	46											
	575				5.8	6.3	36.8											
5	200	3	J	1.2	22.7	26.1	106	4.9	36.7	7.9	.78	.77	.73	.65	.64	.62	.65	.55
	230				19.7	22.7	92											
	460				9.9	11.3	46											
	575				7.9	9.1	36.8											