

## MODEL: S4P & S4PX—Solids Handling Sewage Pump

R.P.M.	1750			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	B (3Ø) L (1Ø)			
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	RVW kW	START KVA	RVW 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
5.0	200	1	G	1.2	26	31.9	144	4.8	28.8	4.9	.77	.78	.79	.68	.97	.97	.95	.87
	230				22.6	27.8	125											
5.0	200	3	M	1.2	18.9	21.1	147	4.8	51	6.6	.80	.78	.73	.67	.77	.73	.66	.58
	230				18.8	20.5	128											
	460				9.4	10.3	64											
	575				6.6	7.3	51.2											
7.5	230	1	D	1.2	37	45	137	7.3	31.5	7.4	.77	.77	.75	.67	.98	.98	.97	.92
7.5	200	3	H	1.2	25.2	29.5	147	7.0	51	8.8	.80	.80	.79	.73	.82	.80	.76	.66
	230				21.9	25.7	128											
	460				11	12.8	64											
	575				8.8	10.3	51.2											
10	200	3	H	1.2	33.9	39.9	186	9.3	64.5	11.7	.80	.81	.79	.75	.81	.79	.75	.66
	230				29.4	34.7	162											
	460				14.7	17.3	81											
	575				11.8	13.9	65											
15	200	3	G	1.2	50.8	60.9	267	13.7	92.5	17.6	.80	.82	.81	.79	.80	.78	.71	.60
	230				44.2	53	232											
	460				22.1	26.5	116											
	575				17.7	21.2	92.8											