

## MODEL: S3N & S3NX—Solids Handling Sewage Pumps

R.P.M.	1150			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	B (3Ø) L (1Ø)			
GENERAL INSULATION CLASS	F			
STATOR WINDING CLASS	F			
MAXIMUM STATOR TEMPERATURE	311°F (155°C)			
MOTOR PROTECTION	BI-METALLIC, TEMPERATURE SENSITIVE DISC, SIZED TO OPEN AT 120°C AND AUTOMATICALLY RESET @ 90–65°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	LOCKED ROTOR 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
1.0	200	1	K	1.2	9.4	10.2	43.5	1.3	8.7	1.9	.59	.57	.52	.43	.75	.70	.65	.54
	230				8.2	8.9	37.8											
1.0	200	3	J	1.2	4.3	5.0	20.7	1.1	7.2	1.5	.71	.70	.68	.61	.74	.71	.64	.54
	230				3.8	4.3	18.0											
	460				1.9	2.2	9.0											
	575				1.5	1.7	7.2											
2	200	1	H	1.2	18.6	20.6	64.4	2.5	12.9	3.7	.60	.59	.55	.47	.73	.68	.60	.50
	230				16.2	17.9	56.0											
2	200	3	H	1.2	8.4	9.6	37.0	2.0	12.8	2.9	.74	.74	.73	.67	.73	.70	.62	.52
	230				7.3	8.3	32.2											
	460				3.6	4.2	16.0											
	575				2.9	3.3	12.9											