

Electrical Data – S3SD/SB3SD & S4SD/SB4SD

MODEL: S3SD/SB3SD & S4SD/SB4SD — 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	F			
STATOR WINDING CLASS	F			
MAXIMUM STATOR TEMPERATURE	311°F			
MOTOR PROTECTION	BI-METALLIC, TEMPERATURE SENSITIVE DISC, SIZED TO OPEN AT 120°C AND AUTOMATICALLY RESET @ 30–35°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	RUN KW	START AMPS	START KVA	RUN KVA	MTR. EFF. 100% FL	MTR. EFF. 75% FL	MTR. EFF. 50% FL	PWR. FACT. 100% FL	PWR. FACT. 75% FL	PWR. FACT. 50% FL
2.0	230	1	L	1.2	12.8	1.9	62	14.3	2.5	.60	.56	.48	.75	.68	.60
	200				7.8	1.6	46	15.9	2.3	.70	.65	.56	.70	.62	.52
2.0	230	3	L	1.2	6.8	1.6	40	15.9	2.3						
	460				3.4	1.6	20	15.9	2.3						
	575				2.7	1.6	16	15.9	2.3						
3.0	230	1	J	1.2	17.1	3.9	62	14.3	4.6	.58	.60	.57	.84	.81	.70
	200				10.9	3.1	64.5	22.3	3.8	.72	.70	.64	.82	.80	.72
3.0	230	3	J	1.2	9.5	3.1	56	22.3	3.8						
	460				4.8	3.1	28	22.3	3.8						
	575				3.8	3.1	22.5	22.3	3.8						
5.0	230	1	G	1.2	29.5	5.7	125	28.8	6.8	.66	.65	.60	.84	.77	.64
	200				17.6	4.8	108	37.4	6.1	.79	.77	.72	.78	.73	.62
5.0	230	3	L	1.2	15.3	4.8	94	37.4	6.1						
	460				7.6	4.8	47	37.4	6.1						
	575				6.1	4.8	37.6	37.4	6.1						
7.5	200	3	K	1.2	29.0	7.2	194	67.0	10.1	.78	.76	.71	.72	.66	.56
	230				25.2	7.2	168	67.0	10.1						
	460	12.6	7.2	84	67.0	10.1									
	575	10.1	7.2	67.2	67.0	10.1									