

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	FULL LOAD KW	LOAD. RTR. AMPS	START KVA	FULL LOAD 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	3	J	1.2	12.8	2.6	66	15.2	2.9	.76	.75	.71	.89	.85	.77
	208		K		7.8	2.2	49	17.6	2.4	.69	.65	.56	.76	.69	.59
	230		K		6.8	2.2	44	17.5	2.3						
	460		K		3.4	2.2	22	17.5	2.3						
575	K	2.7	2.2	18	17.9	2.3									
3.0	230	3	J	1.2	17.1	3.5	100	23	3.9	.73	.69	.62	.85	.79	.70
	208		G		10.9	3.5	49	17.6	3.8	.72	.70	.64	.88	.85	.79
	230		G		9.5	3.7	44	17.5	3.8						
	460		G		4.8	3.7	22	17.5	3.8						
575	G	3.8	3.6	18	17.9	3.8									
5.0	230	3	E	1.2	29.5	5.4	108	24.8	6.8	.69	.67	.59	.86	.82	.72
	208		J		17.6	5.5	106	38.1	6.3	.75	.73	.68	.76	.68	.58
	230		J		15.3	5.4	96	38.2	6.1						
	460		J		7.6	5.4	48	38.2	6.0						
575	J	6.1	5.4	39	38.8	6.1									
7.5	208	3	H	1.2	29.0	10.1	135	48.6	10.4	.76	.74	.69	.75	.67	.54
	230		H		25.2	8.3	122	48.5	10.0						
	460		H		12.6	8.3	61	48.5	10.0						
	575		H		10.1	6.9	49	48.7	10.0						