

## MODEL: S4B & S4BX — Solids Handling Sewage Pump

R.P.M.	1750			
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	LCKD. RTN. 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
10	200	3	N	1.2	35.9	40.6	334	9.5	116	12.4	.81	.79	.74	.65	.79	.77	.72	.64
	230				31.2	35.3	290											
	460				15.6	17.7	145											
	575				12.5	14.1	116											
15	200	3	J	1.2	48.3	56.3	334	13.5	116	16.7	.84	.83	.80	.74	.82	.81	.78	.72
	230				46	52.0	290											
	460				23	26	145											
	575				16.8	19.6	116											
20	200	3	G	1.2	62.5	75	334	17.8	116	21.6	.84	.84	.83	.79	.82	.82	.81	.77
	230				54.4	65.2	290											
	460				27.2	32.6	145											
	575				21.7	26.1	116											
25	200	3	J	1.2	78.3	92.2	575	21.7	200	27.1	.87	.86	.84	.70	.81	.80	.77	.70
	230				68	80	500											
	460				34	40	250											
	575				27.2	32.1	200											
30	200	3	H	1.2	92.2	110.7	575	25.7	200	31.9	.87	.87	.86	.83	.81	.81	.79	.73
	230				80.2	96.3	500											
	460				40.1	48.1	250											
	575				32.1	38.5	200											
40	230	3	G	1.2	105	128.3	580	34.3	230	41.8	.87	.87	.87	.85	.81	.82	.82	.79
	460				52.5	64.1	290											
	575				42	51.3	200											
50	460	3	G	1.2	70.5	98.5	345	46.7	275	55.1	.75	.80	.82	.79	.81	.83	.85	.83
	575				56.4	78.8	276											