

## MODEL: S3HRC & S3HVX — Recessed Impeller Sewage Pump

R.P.M.	3450			
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	LOAD. RTR. 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
3	200	1	F	1.2	20.6	25.8	81.0	3.8	16.2	4.1	.56	.59	.57	.51	.93	.93	.92	.88
	230				17.9	22.4	70.5											
3	200	3	J	1.2	10.9	12.9	53.0	3.2	18.4	3.8	.70	.70	.67	.62	.86	.85	.82	.75
	230				9.4	11.2	46.2											
	460				4.7	5.6	23.0											
	575				3.8	4.5	18.5											
5	200	1	F	1.2	33.9	40.7	144	5.5	28.8	6.0	.65	.68	.68	.64	.91	.92	.92	.92
	230				29.5	35.5	125											
5	200	3	G	1.2	17.9	21.5	83.0	5.4	28.7	6.2	.69	.70	.68	.63	.87	.87	.86	.84
	230				15.6	18.7	72.0											
	460				7.8	9.4	36.0											
	575				6.2	7.5	28.8											
7.5	200	3	H	1.2	24.8	29.7	149.5	7.4	51.8	8.6	.71	.74	.76	.60	.87	.87	.85	.80
	230				21.5	25.8	130											
	460				10.8	12.9	65											
	575				8.6	10.3	52											