

## MODELS S4LRC — Recessed Impeller Sewage Pump

R.P.M.	3450			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	B (3Ø) L (1Ø)			
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 EACH 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
40	460	3	G	1.2	59	70	275	42	217	47	.75	.75	.72	.66	.86	.87	.87	.86
	575				47.2	56	220											
50	460	3	D	1.2	74	89	275	51	217	58.9	.75	.75	.74	.69	.86	.86	.87	.87
	575				59.2	71.2	220											
60	460	3	C	1.0	89	89	275	61	217	70.8	.75	.75	.75	.72	.84	.84	.87	.87
	575				71.2	71.2	220											

## MODEL: S4LRC & S4LVX — Recessed Impeller 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	MEC CODE	SF	FULL LOAD AMPS	SF AMPS	LCKD. 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
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	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	232											
50	230	3	G	1.2	141	197	690	46.7	275	55.1	.75	.80	.82	.79	.81	.83	.85	.83
	460				70.5	98.5	345											
	575				56.4	78.8	276											

## MODELS S4LRC & S4LVX — Recessed Impeller Sewage Pump

R.P.M.	1150			
MOTOR TYPE	ENCLOSED, OIL COOLED INDUCTION, VFD SUITABLE			
MOTOR DESIGN NEMA TYPE	B (3ø)			
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 EACH 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	LOCKD. 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	3	K	1.2	13.3	15.6	106	3.4	36.7	4.6	.69	.66	.60	.51	.72	.74	.63	.55
	230				11.6	13.6	92											
	460				5.8	6.8	46											
	575				4.6	5.4	36.8											
5	200	3	J	1.2	19.4	23.9	106	5.1	36.7	6.8	.75	.73	.70	.62	.73	.76	.73	.66
	230				16.9	20.8	92											
	460				8.4	10.4	46											
	575				6.8	8.3	36.8											
7½	200	3	K	1.2	28.8	32.7	186	7.1	64.5	10.0	.80	.79	.75	.69	.74	.71	.66	.57
	230				25	28.5	162											
	460				12.5	14.2	81											
	575				10	11.4	65											
10	200	3	H	1.2	35.7	42	186	9.3	64.5	12.3	.80	.81	.79	.74	.77	.75	.71	.63
	230				31	36.5	162											
	460				15.5	18.2	81											
	575				12.4	14.6	65											
15	200	3	G	1.2	48.1	56.6	267	13.3	92.5	16.6	.84	.84	.84	.80	.82	.80	.78	.70
	230				41.8	49.2	232											
	460				20.9	24.6	116											
	575				16.7	19.7	92.8											

## MODEL: S4LRC & S4LVX — Recessed Impeller Sewage Pump

R.P.M.	870			
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	MEC CODE	SF	FULL LOAD AMPS	SF AMPS	LCKD. 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	3	N	1.2	16.7	18.3	106	3.3	36.7	5.8	.72	.68	.62	.54	.59	.57	.53	.45
	230				14.5	15.9	92											
	460				7.2	7.9	46											
	575				5.8	6.3	36.8											
5	200	3	J	1.2	22.7	26.1	106	4.9	36.7	7.9	.78	.77	.73	.65	.64	.62	.65	.55
	230				19.7	22.7	92											
	460				9.9	11.3	46											
	575				7.9	9.1	36.8											