

# SUBMERSIBLE SOLIDS HANDING PUMPS

## S12L(X)P

RPM	870		
MOTOR TYPE	PREMIUM EFFICIENT, IEC 60034-30 LEVEL IE3		
MOTOR DESIGN NEMA TYPE	A (3 $\phi$ )		
GENERAL INSULATION CLASS	H		
STATOR WINDING CLASS	H		
MAXIMUM STATOR TEMPERATURE	356°F (180°)		
MOTOR PROTECTION	BI-METALLIC, TEMPERATURE SENSITIVE DISC, SIZED TO OPEN AT 150°C AND AUTOMATICALLY RESET @ 117-89°C DIFFERENTIAL, THREE IN THREE PHASE		
ELECTRICAL RATINGS	HEAT SENSOR	24 VDC 5 AMPS	115 VAC 5 AMPS
	SEAL FAILURE	300 VAC 5 Ma	
VOLTAGE TOLERANCE	±10%		

HP	VOLTAGE	PHASE	NEMA CODE	SF	NAME PLATE AMPS	SF AMPS	LOCK ROTOR AMPS	RUN KW	START KVA	RUN KVA	NEMA REQ. PREMIUM EFFICIENCY AT FL	MOTOR EFF AT SF*	MOTOR EFF AT FL*	MOTOR EFF AT 75% FL*	MOTOR EFF AT 50% FL*	POWER FACTOR AT SF	POWER FACTOR AT FL	POWER FACTOR AT 75% FL	POWER FACTOR AT 50% FL
20	208	3	J	1.3	75.0	92.0	413.5	19.4	148.8	27.0	NR	90.2	89	86	84	0.77	0.72	0.67	0.65
	230				67.8	83.2	374												
	460				33.9	41.6	187												
	575				27.1	33.3	147												
25	208	3	G	1.3	91.0	120.0	413.5	25.2	148.8	32.7	NR	89	90.2	89	86	0.79	0.77	0.72	0.67
	230				82.3	108.5	374												
	460				41.2	54.2	187												
	575				32.9	43.4	147												
30	230	3	L	1.3	116.0	132.0	700	37.8	278.5	46.2	NR	89.5	91.7	89.5	86	0.85	0.82	0.76	0.69
	460				58.0	66.0	350												
	575				46.4	52.8	263												
40	460	3	H	1.3	61	84.5	350	39.8	278.5	48.5	NR	89.5	91.7	89.5	86	0.85	0.82	0.76	0.69
	575				48.8	67.6	263												

\*Motor efficiency does not include seal and oil losses per IEC60034-30 5.1.3. Full load amps and service factor amps do include these losses.

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