

SUBMERSIBLE SOLIDS HANDING PUMPS

S12L(X)P

RPM	1150		
MOTOR TYPE	PREMIUM EFFICIENT, IEC 60034-30 LEVEL IE3		
MOTOR DESIGN NEMA TYPE	A (3 ϕ)		
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
40	460	3	K	1.3	54	63	420	36.5	349.2	43.0	94.1	93	94.1	93	91.5	0.865	0.85	0.84	0.83
	575				43.2	50.4	351												
50	460	3	H	1.3	64.0	79.0	420	44.1	349.2	50.9	94.1	93.1	94.1	93	91.6	0.865	0.865	0.85	0.84
	575				51.2	63.2	351												
60	460	3	J	1.3	78.0	95.0	503	54.0	426.7	62.1	94.5	93.2	94.5	93.2	91.8	0.875	0.87	0.86	0.85
	575				62.4	76.0	429												
75	460	3	G	1.3	94	115	503	65.5	426.7	74.8	94.5	93.4	94.5	93.2	91.9	0.88	0.875	0.87	0.86
	575				75.2	92.0	429												

*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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