

SUBMERSIBLE SOLIDS HANDING PUMPS

8VL(X)P

RPM	870			
MOTOR TYPE	PREMIUM EFFICIENT, IEC 60034-30 LEVEL IE3			
MOTOR DESIGN NEMA TYPE	A(3ø)			
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	230 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												

*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.

1101 Myers Parkway
Ashland, OH 44805
Ph: 855.274.8947
Fx: 800.426.9446

490 Pinebush Rd., Unit 4
Cambridge, Ontario N1T 0A5, Canada
Ph: 800.363.7867
Fx: 888.606.5484

pentair.com