SUBMERSIBLE SOLIDS HANDLING PUMPS

4HD(X), 6MD(X) SERIES

RPM	1750			
MOTOR TYPE	PREMIUM EFFICIENT, IEC 60034 -30 LEVEL IE3 *			
MOTOR DESIGN NEMA TYPE	A or B (3ø)			
GENERAL INSULATION CLASS	H			
STATOR WINDING CLASS	H			
MAXIMUM STATOR TEMPERATURE RATING	356°F (180°)			
MOTOR PROTECTION	3 PHASE, BI-METALLIC, TEMPERATURE SENSITIVE DISC, SIZED TO OPEN AT 130°C AND AUTOMATICALLY RESET @ 82°C DIFFERENTIAL			
ELECTRICAL RATINGS	HEAT SENSOR	24VDC 5 AMPS	115VAC 5AMPS	230VAC 5AMPS
	SEAL FAIL	300VAC 5mA		
VOLTAGE TOLERANCE	±10%			

*208V versions will not conform to IE3 standards.

HP	VOLTAGE	PHASE	NEC CODE	SF	FULL LOAD AMPS	SF AMPS	LOCKED ROTOR AMPS	RUN KW	START KVA	RUN KVA	MTR. EFFICIENCY @100% FL	MTR. EFFICIENCY @75% FL	MTR. EFFICIENCY @50% FL	MTR. EFFICIENCY @SF	PWR. FACT. @SF	PWR. FACT. @100% FL	PWR. FACT. @75% FL	PWR. FACT. @50% FL
25	208	3	H	1.15	75.2	88.5	445.0	23.1	160.1	27.1	82.4	80.6	75.4	83.0	84.4	82.7	77.8	68.9
	230				68.0	80.0	402.0	23.1	160.0	27.1	82.4	80.6	75.4	83.0	84.4	82.7	77.8	68.9
	460				34.0	40.0	201.0	23.1	160.0	27.1	82.4	80.6	75.4	83.0	84.4	82.7	77.8	68.9
	575		G		27.2	32.0	157.0	23.1	156.2	27.1	82.4	80.6	75.4	83.0	84.4	82.7	77.8	68.9
30	230		G		80.2	96.2	434.0	27.4	172.7	31.9	85.2	83.5	80.3	85.4	85.4	85.6	84.9	69.1
	460				40.1	48.1	217.0	27.4	172.7	31.9	85.2	83.5	80.3	85.4	85.4	85.6	84.9	69.1
	575				32.1	38.5	178.0	27.4	177.1	31.9	85.2	83.5	80.3	85.4	85.4	85.6	84.9	69.1
40	460		H	1.0	54.7	63.7	345.0	36.8	274.6	43.5	87.8	86.2	82.3	-	-	84.1	81.6	74.9
	575				43.8	51.0	265.0	36.8	263.6	43.6	87.8	86.2	82.3	-	-	84.1	81.6	74.9

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