

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	RUIN KW	START KVA	RUIN KVA	MTR. EFFICIENCY @100% FL	MTR. EFFICIENCY @75% FL	MTR. EFFICIENCY @50% FL	PWR. FACT. @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
					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
					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
					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	3	G	1.15	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
					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
					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	3	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
					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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