

# SUBMERSIBLE SOLIDS HANDLING PUMPS

## 4HC(X), 6MC(X) SERIES

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

\*208V versions and 20/23HP models will not conform to IE3 standards.

HP	VOLTAGE	PHASE	NEC CODE	SF	FULL LOAD AMPS	SF AMPS	LOCKED ROTOR AMPS	RUN KW	START KVVA	RUN KVVA	MTR. EFFICIENCY @100% FL	MTR. EFFICIENCY @75% FL	MTR. EFFICIENCY @50% FL	PWR. FACT. @SF	PWR. FACT. @100% FL	PWR. FACT. @75% FL	PWR. FACT. @50% FL	
10	208	3	P	1.15	35.1	38.0	353.0	9.5	62.9	12.6	79.3	74.4	67.9	81.0	77.6	75.0	68.6	57.9
					29.4	34.7	320.0	9.5	64.7	11.7	79.3	74.4	67.9	81.0	77.6	75.0	68.6	57.9
					14.7	17.3	160.0	9.5	127.3	11.7	79.3	74.4	67.9	81.0	77.6	75.0	68.6	57.9
					11.8	13.9	120.0	9.5	119.4	11.7	79.3	74.4	67.9	81.0	77.6	75.0	68.6	57.9
15	208	3	K	1.15	46.4	55.3	353.0	13.7	127.0	16.7	83.0	80.8	74.4	83.5	83.5	81.8	77.3	68.6
					42.0	50.0	320.0	13.7	127.3	16.7	83.0	80.8	74.4	83.5	83.5	81.8	77.3	68.6
					21.0	25.0	160.0	13.7	127.3	16.7	83.0	80.8	74.4	83.5	83.5	81.8	77.3	68.6
					16.8	20.0	120.0	13.7	119.4	16.7	83.0	80.8	74.4	83.5	83.5	81.8	77.3	68.6
20	208	3	H	1.15	58.6	64.6	353.0	18.0	127.0	21.1	83.6	83.0	79.3	85.6	85.8	84.9	81.8	75.0
					53.0	58.4	320.0	18.0	127.3	21.1	83.6	83.0	79.3	85.6	85.8	84.9	81.8	75.0
					26.5	29.2	160.0	18.0	127.3	21.1	83.6	83.0	79.3	85.6	85.8	84.9	81.8	75.0
					21.2	23.4	120.0	18.0	119.4	21.1	83.6	83.0	79.3	85.6	85.8	84.9	81.8	75.0
23	230	3	F	1.0	58.4	58.4	320.0	20.1	127.3	23.2	85.6	83.5	81.0	-	-	85.8	83.5	77.6
					29.2	29.2	160.0	20.1	127.3	23.2	85.6	83.5	81.0	-	-	85.8	83.5	77.6
					23.4	23.4	120.0	20.1	119.4	23.3	85.6	83.5	81.0	-	-	85.8	83.5	77.6

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