

# 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 KVA	RUN KVA	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	
					460	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
					575	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	
					230	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
					460	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
					575	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	
					230	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
					460	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
					575	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	
					460	29.2	29.2	160.0	20.1	127.3	23.2	85.6	83.5	81.0	-	-	85.8	83.5	77.6
					575	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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