

10" MOTORS

100HP through 250HP 60Hz THREE PHASE 2 Pole-3600RPM

OVERVIEW

- Asynchronous 10" Electric Motor with Squirrel Cage Rotor
- Ideal for use in Clear Water or Water with Limited Sand Content
- Municipal, Industrial & Agricultural Applications
- High Quality Castings and Components

ADVANTAGES & BENEFITS

- Premium Efficiency and Low AMP Draw
- Inverter Duty Rated (Variable Speed Drives)
- Availability in various HP, Voltage, Frequency, Temperature and Construction Configurations
- Mechanical Seal Protection against Sand and Debris
- One Year Standard Product Warranty
- High Tolerance 17-4PH Single Piece Splined Shaft
- Cast Iron End Bells (optional Stainless Steel)
- Rotor Copper Bar Construction
- Copper Windings 86° F (30° C)
- 10' Power Cable
- Ceramic Carbide Mechanical Seal IP 68 Protection
- Stainless Steel AISI 304 Casing
- Kingsbury Thrust Bearing

OPTIONS

- SS304, SS316, Bronze
- High Temperature Windings 122° F (50° C)
- Wye-Delta (6 Lead) Configuration
- Horizontal Configuration
- NEMA 8 or 10" Mounting
- PT 100 Thermal Sensor
- 50HZ or 60HZ
- Shaft Stick up Available in other SS Alloys
- Other Voltages Available





10-INCH

10**WATER-FILLED REWINDABLE MOTORS**

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STANDARD SPECIFICATIONS:

MOUNTING: NEMA MG1-18/413, 17-4PH Shaft End**VOLTAGE:** +/- 10% Variation from Rated**ROTATION:** Clockwise or Counter Clockwise**THRUST BEARING:** Self-Aligning Kingsbury-type NEMA MG1 18.411**TEMPERATURE:** 86° F (30° C)**MOTOR LEAD:** 10' Length**COOLING:** IC 40, 1 ft./second Flow Rate**SERVICE FACTOR:** 60Hz=1.15**PROTECTION:** IP68**STARTS PER HOUR:** 10**STARTING:** VFD Rated**MOTOR DIAMETER:** 9.1" (231 mm)

10" THREE PHASE 60 Hz MOTOR CHARACTERISTICS

Power HP / kW		V	F.L. Amps	F.L. RPM	F.L. Eff. (%)	F.L. Pwr. Factor	Thrust (lbs.)	L. (in.)	Weight (lbs.)
100	81	460	131	3490	84	0.92	16800	53.9	562.2
125	92	460	149	3500	84	0.92	16800	56.3	604.1
150	110	460	180	3500	84	0.91	16800	59.4	659.2
180	129	460	207	3510	85	0.92	16800	63.4	723.1
200	147	460	236	3500	85	0.92	16800	68.5	811.3
225	166	460	266	3490	85	0.92	16800	71.7	886.3
250	185	460	297	3490	85	0.92	16800	71.7	961.2



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