Features:

• Exclusive Sand Fighter™ sealing system
• Corrosion-resistant construction
• Stainless steel splined shaft
• Advanced Power-Dense 24-slot stator to maximize available horsepower per linear inch of motor length
• Hermetically-sealed windings
• Anti-track, self-healing resin system repairs minor shorts
• Water-lubricated bearings
• Filter check valve
• Kingsbury-type thrust bearing rated for 1,500 lbs. downthrust
• Pressure-equalizing diaphragm
• Removable Water-Bloc™ lead (sold separately)
• NEMA pump mounting dimensions
• UL 778 recognized
• CSA C22.2 #108 certified

Applications:

Franklin Electric’s Energy Service motors are built for superior dependability in 4” diameter or larger well casing with little-to-no hydrocarbons and minimal abrasives. With electrically-reversible rotation, the motors are rated for continuous operation in 86 °F (30 °C) water at 1/4 ft. per second flow past the motor.
Model Availability
Three-Phase 5-10 hp, 460/380 Volts - 60/50 Hz

<table>
<thead>
<tr>
<th>Order No.</th>
<th>HP</th>
<th>KW</th>
<th>Nominal Amps (A)</th>
<th>Length (L)</th>
<th>Shipping Weight</th>
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<tbody>
<tr>
<td></td>
<td>@ 50 Hz</td>
<td>@ 60 Hz</td>
<td>in</td>
<td>mm</td>
<td>lbs</td>
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<td>8.9</td>
<td>8.6</td>
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<td>12.9</td>
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<td>17.3</td>
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Note: 60 Hz - 3,450 RPM and 50 Hz - 2,875 RPM

Materials of Construction

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
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</thead>
<tbody>
<tr>
<td>Top Casting</td>
<td>316 Stainless Steel</td>
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<tr>
<td>Bottom Casting</td>
<td>303 Stainless Steel Over Cast Iron</td>
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<tr>
<td>Stator Shell</td>
<td>301 Stainless Steel</td>
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<tr>
<td>Stator Ends</td>
<td>Low Carbon Steel</td>
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<tr>
<td>Shaft Extensions</td>
<td>17-4 Stainless Steel</td>
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<td>Fasteners</td>
<td>300 Series Stainless Steel</td>
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<tr>
<td>Seal Cover</td>
<td>Sintered Bronze</td>
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<td>Seal</td>
<td>SiC/SiC Mechanical Seal</td>
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<td>Diaphragm</td>
<td>FPM/FKM</td>
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<td>Diaphragm Cup</td>
<td>316 Stainless Steel</td>
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<tr>
<td>Diaphragm Spring</td>
<td>316 Stainless Steel</td>
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<tr>
<td>Diaphragm Cover</td>
<td>304 Stainless Steel</td>
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<tr>
<td>Slinger</td>
<td>FPM/FKM</td>
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<tr>
<td>Lead Wire (or Cable)</td>
<td>Not Included</td>
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<tr>
<td>Filter</td>
<td>316 Stainless Steel Plug</td>
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</tbody>
</table>

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