<table>
<thead>
<tr>
<th>Item Number</th>
<th>Part Number</th>
<th>Description</th>
<th>QTY</th>
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<tr>
<td>1</td>
<td>19-231</td>
<td>Centrifugal Pump</td>
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<tr>
<td>2</td>
<td>77-415</td>
<td>Pipe Plug 1/8&quot; NPT</td>
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<tr>
<td>3</td>
<td>77-401</td>
<td>Volute/Cast Iron, 1-1/4&quot; X 1&quot;</td>
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<tr>
<td>3</td>
<td>77-402</td>
<td>Impeller/Thermoplastic</td>
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<tr>
<td>4</td>
<td>77-201</td>
<td>Optional Impeller/Cast Iron</td>
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<tr>
<td>5</td>
<td>77-203</td>
<td>Gasket</td>
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<td>5</td>
<td>*77-207</td>
<td>Mechanical Seal, Viton-Includes 5A</td>
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<td>5</td>
<td>*77-207SC</td>
<td>Mechanical Seal, Silicone Carbide</td>
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<tr>
<td>6</td>
<td>77-208</td>
<td>O-Ring</td>
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<td>6</td>
<td>77-227</td>
<td>Mounting Frame</td>
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<td>7</td>
<td>77-228</td>
<td>Cap Screw 3/8&quot; NC x 3/4&quot;</td>
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<td>8</td>
<td>77-202</td>
<td>Slinger</td>
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<td>9</td>
<td>77-218</td>
<td>Snap Ring, Internal</td>
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<td>10</td>
<td>77-219</td>
<td>Bearing</td>
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<td>77-216</td>
<td>Snap Ring, External</td>
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<td>77-217</td>
<td>Spacer</td>
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<td>77-403</td>
<td>Stainless Steel Shaft</td>
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<td>77-230</td>
<td>Key 3/16&quot; x 1-1/4&quot;</td>
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<td>15</td>
<td>77-404</td>
<td>Spacer, D-Clutch</td>
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<td>77-405</td>
<td>Adapter Plate, D-Clutch</td>
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<td>77-313</td>
<td>Snap Ring, External</td>
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<td>77-406</td>
<td>Coil Ring 12V-DC, D-Clutch</td>
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<td>77-407</td>
<td>Pulley 5&quot;, D-Clutch</td>
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<td>77-408</td>
<td>Washer</td>
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<td>77-409</td>
<td>Cap Screw 5/16&quot; NF x 3/4&quot;</td>
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<td>77-200</td>
<td>Repair Kit, Includes #4 &amp; #5</td>
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<td>77-410</td>
<td>Magnetic Clutch Assembly</td>
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<td>Includes #15, #18 and #19</td>
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</table>
Heavy Duty
Magnetic Clutch Driven
Centrifugal Pump

Model No. 19-231

- Suction 1-1/2" - Discharge 1-1/4"
- Clockwise Rotation when Facing Pulley End
- Chemical Resistant Valox® or Optional Cast Iron Impeller
- Stainless Steel Shaft
- Standard Viton Carbon/Ceramic Seal or Optional Severe Duty Silicon Carbide Mechanical Seal
- Heavy Duty DC 12 Volt Magnetic Clutch Transmits up to 44 HP at 4000 RPM. Maximum Operating Amperage Draw: 3.3 Amps
- 5" Solid Steel Dual Belt Drive Pulley for Single or Double Belt Drives

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<table>
<thead>
<tr>
<th>PERFORMANCE CHART</th>
<th>DIMENSIONS</th>
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<tbody>
<tr>
<td>PUMP</td>
<td>SHAFT</td>
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<tr>
<td>PUMP</td>
<td>GPM</td>
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<tr>
<td>20</td>
<td>3200</td>
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<tr>
<td>30</td>
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<td>4400</td>
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<tr>
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<td>5200</td>
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</tbody>
</table>

Pump RPM = Drive Pulley Diameter
Driveshaft RPM = Pump Pulley Diameter

Requires 5 Amp Fuse