Interchanging of any 2 wires in a 3-phase system will reverse motor rotation.

The pump uses a mechanical type shaft seal with a Buna rubber element. It is suitable for water, oils, and some mild solvents. It is limited to 212° F. Viton® seals are available for severe solvents, difficult chemicals, and elevated temperatures.

These centrifugal pumps are not self-priming. They must be installed below the liquid level so that the liquid flows to the pump by gravity (flooded suction). However, if a foot valve is used at the beginning of the suction line and all air is bled from the pump by manual priming, the pump will lift on the suction side up to 15 feet. Such a system relies entirely on a non-leaking foot valve for starting capability.

The flow of a centrifugal pump can be conveniently controlled by a throttling valve in the discharge line without the need for a relief valve. In centrifugal pumps, the horsepower demand will decrease as the pressure increases. Maximum horsepower occurs with a wide open discharge.
Bronze Close Coupled Centrifugal Pump
Model 500

Exploded View and Parts List

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3*</th>
<th>4*</th>
<th>5*</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12**</th>
<th>Repair Kit</th>
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<tbody>
<tr>
<td>Screw</td>
<td>Cover</td>
<td>Gasket</td>
<td>Impeller</td>
<td>Seal Assy</td>
<td>Plug</td>
<td>Body</td>
<td>Screw</td>
<td>Adapter</td>
<td>Motor</td>
<td>Screw Set</td>
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<td>Model</td>
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<td>Qty. 4</td>
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<td>10694 (Single Phase)</td>
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* Repair kit contains items 3, 4, 5, 12. ** Parts not shown

PUMP & MOTOR OPTIONS
These are the most frequently used pump and motor combinations. If you have other needs, our sales reps can recommend a pump and motor for your application.

Dimensions

Numbering

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