Material

- **Impeller Type:** Semi-Vortex (LB-480/LB(T)-800)
  Semi-Open (LB(T)-1500)
- **Impeller Material:** Urethane Rubber (LB-480/LB(T)-800)
  High Chrome (LB(T)-1500)
- **Volute Casing Material:** Ethylene Propylene Rubber (LB-480)
  Butadiene Rubber and Natural Rubber (LB(T)-800/1500)
- **Wear Plate Material:** Urethane Rubber (LB-480/LB(T)-800)
  Butadiene Rubber and Natural Rubber (LB(T)-1500)
- **Shaft Seal:** Double inside mechanical seal with Silicone Carbide (All three series)

Features: **LB-480, LB-800/LBT-800**

- Built with durable materials and light weight for easy handling.
- Motor protector protects against overheating, over-current, and run-dry conditions.
- Double Inside Mechanical Seal with Silicon Carbide faces provides the longest operational life.
- Oil Lifter provides lubrication of the seal faces.
- Single-phase is available in automatic operation.

Features: **LB-1500/LBT-1500**

- Motor protector protects against overheating, over-current, and run-dry conditions.
- Double Inside Mechanical Seal with Silicon Carbide faces provide the longest operational life.
- Oil Lifter provides lubrication of the seal faces.
- High Chrome Iron Semi-Open Impeller resists wear from abrasive particles.
- Synthetic Iron Pump Casing provides wear resistance and easy maintenance.
- Optional 2 inch discharge available for LB(T)-1500 series.

### Performance Curves

![Performance Curves](image)

### MOTOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Motor Output (HP)</th>
<th>Phase</th>
<th>Single phase 2P: 3600rpm</th>
<th>Three phase 3P: 3600rpm</th>
<th>RPM</th>
<th>Discharge Size (inch)</th>
<th>DIMENSION</th>
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<tbody>
<tr>
<td>LB-480</td>
<td>1/2</td>
<td>Single</td>
<td>5.9</td>
<td>3</td>
<td>5.9</td>
<td>5.9</td>
<td>11.16</td>
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<tr>
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<td>Single</td>
<td>10.5</td>
<td>5.2</td>
<td>10.5</td>
<td>5.2</td>
<td>13</td>
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<tr>
<td>LB(T)-800</td>
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<td>Three</td>
<td>22.6</td>
<td>13.2</td>
<td>22.6</td>
<td>13.2</td>
<td>7/8</td>
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<tr>
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<td>Single</td>
<td>26.2</td>
<td>13.2</td>
<td>26.2</td>
<td>13.2</td>
<td>7/8</td>
</tr>
<tr>
<td>LB(T)-1500</td>
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<td>Three</td>
<td>28.2</td>
<td>13.2</td>
<td>28.2</td>
<td>13.2</td>
<td>7/8</td>
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* *208 & 230V same motor*