## 1.25BC Series e-1531
Close-Coupled Centrifugal Pumps

### Specifications

<table>
<thead>
<tr>
<th>Flow (gpm)</th>
<th>Head (fwp)</th>
<th>RPM</th>
<th>Volts</th>
<th>Cycle</th>
<th>Phase</th>
<th>Enclosure</th>
<th>Approx. Weight</th>
<th>Specials</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.5&quot;</td>
<td>30%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9&quot;</td>
<td>40%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.5&quot;</td>
<td>45%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8&quot;</td>
<td>48%</td>
<td>50%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.5&quot;</td>
<td>52%</td>
<td>53%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7&quot;</td>
<td>54%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>55%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Materials of Construction
- Stainless steel fitted

### Maximum Working Pressure
- 175 psi (12 bar) W.P.

### Type of Seal
- Standard Seal (Buna-Carbon/Ceramic)
- F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)

### Diagram

![Graph]
1.25BC Series e-1531
Close-Coupled Centrifugal Pumps

SPECIFICATIONS
FLOW _______ HEAD _______
HP _______ RPM _______
VOLTS _______ CYCLE _______
ENCLOSURE _______
APPROX. WEIGHT _______
SPECIALS _______

MATERIALS OF CONSTRUCTION
☑ STAINLESS STEEL FITTED

MAXIMUM WORKING PRESSURE
☑ 175 psi (12 bar) W.P.

TYPE OF SEAL
☐ Standard Seal (Buna-Carbon/Ceramic)
☐ F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
☐ S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
☐ PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)

---

**Series e-1531**

**Bell & Gossett**

1.25BC 1750 RPM

**Graph**

- Total Head (m)
- Capacity (GPM)
- NPSH (ft)
- NPSH (m)

**Legend**

- 1HP
- 1.5HP
- 2HP
- 3HP
- 1750 RPM
1.25BC Series e-1531
Close-Coupled Centrifugal Pumps

SPECIFICATIONS
FLOW ___________ HEAD ___________
HP ___________ RPM ___________
VOLTS ___________ CYCLE ___________
ENCLOSURE ___________ PHASE ___________
APPROX. WEIGHT ___________
SPECIALS ___________

MATERIALS OF CONSTRUCTION
☐ STAINLESS STEEL FITTED

MAXIMUM WORKING PRESSURE
☐ 175 psi (12 bar) W.P.

TYPE OF SEAL
☐ Standard Seal
☐ F Standard Seal w/ Flush Line
☐ S Stuffing Box construction w/ Flushed Mechanical Single Seal
☐ PF Stuffing Box Construction w/ Flushed Packing

MATERIALS OF CONSTRUCTION
STAINLESS STEEL FITTED

1.25BC
Series e-1531
Bell & Gossett

1.25BC
3525 RPM

Series e-1531
Bell & Gossett

Dater: 8/30/2013

xylem
Let's Solve Water
**DIMENSIONS - Inches (mm)**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>A (Max)</th>
<th>AB (Max)</th>
<th>B (Max)</th>
<th>CP (Max)</th>
<th>D</th>
<th>2E</th>
<th>F</th>
<th>H</th>
<th>L</th>
<th>O (Max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>145JM</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>19</td>
<td>3.5</td>
<td>5.5</td>
<td>5</td>
<td>0.344</td>
<td>10.75</td>
<td>7.25</td>
</tr>
<tr>
<td></td>
<td>(178)</td>
<td>(178)</td>
<td>(152)</td>
<td>(483)</td>
<td>(89)</td>
<td>(140)</td>
<td>(127)</td>
<td>(9)</td>
<td>(273)</td>
<td>(184)</td>
</tr>
<tr>
<td>182JM</td>
<td>9</td>
<td>229</td>
<td>8.5</td>
<td>6.5</td>
<td>21.875</td>
<td>4.5</td>
<td>7.5</td>
<td>4.5</td>
<td>0.406</td>
<td>11.5</td>
</tr>
<tr>
<td></td>
<td>(229)</td>
<td></td>
<td>(216)</td>
<td>(165)</td>
<td>(556)</td>
<td>(114)</td>
<td>(190)</td>
<td>(114)</td>
<td>(10)</td>
<td>(292)</td>
</tr>
<tr>
<td>184JM</td>
<td>9</td>
<td>229</td>
<td>8.5</td>
<td>7.5</td>
<td>21.875</td>
<td>4.5</td>
<td>7.5</td>
<td>5.5</td>
<td>0.406</td>
<td>11.5</td>
</tr>
<tr>
<td></td>
<td>(229)</td>
<td></td>
<td>(216)</td>
<td>(190)</td>
<td>(556)</td>
<td>(114)</td>
<td>(190)</td>
<td>(140)</td>
<td>(10)</td>
<td>(292)</td>
</tr>
<tr>
<td>213JM</td>
<td>10.5</td>
<td>267</td>
<td>10.75</td>
<td>7.5</td>
<td>24.125</td>
<td>5.25</td>
<td>8.5</td>
<td>5.5</td>
<td>0.406</td>
<td>12.375</td>
</tr>
<tr>
<td></td>
<td>(267)</td>
<td></td>
<td>(273)</td>
<td>(190)</td>
<td>(613)</td>
<td>(133)</td>
<td>(216)</td>
<td>(140)</td>
<td>(10)</td>
<td>(314)</td>
</tr>
<tr>
<td>215JM</td>
<td>10.5</td>
<td>267</td>
<td>10.75</td>
<td>9</td>
<td>25.625</td>
<td>5.25</td>
<td>8.5</td>
<td>7</td>
<td>0.406</td>
<td>12.375</td>
</tr>
<tr>
<td></td>
<td>(267)</td>
<td></td>
<td>(273)</td>
<td>(229)</td>
<td>(651)</td>
<td>(133)</td>
<td>(216)</td>
<td>(178)</td>
<td>(10)</td>
<td>(314)</td>
</tr>
<tr>
<td>254JM</td>
<td>12.5</td>
<td>267</td>
<td>10.75</td>
<td>10.75</td>
<td>29.5</td>
<td>6.25</td>
<td>10</td>
<td>8.25</td>
<td>0.531</td>
<td>13.875</td>
</tr>
<tr>
<td></td>
<td>(318)</td>
<td></td>
<td>(273)</td>
<td>(273)</td>
<td>(750)</td>
<td>(159)</td>
<td>(254)</td>
<td>(210)</td>
<td>(13)</td>
<td>(353)</td>
</tr>
<tr>
<td>256JM</td>
<td>12.5</td>
<td>318</td>
<td>10.75</td>
<td>12.5</td>
<td>31.25</td>
<td>6.25</td>
<td>10</td>
<td>10</td>
<td>0.531</td>
<td>13.875</td>
</tr>
<tr>
<td></td>
<td>(318)</td>
<td></td>
<td>(273)</td>
<td>(318)</td>
<td>(794)</td>
<td>(159)</td>
<td>(254)</td>
<td>(254)</td>
<td>(13)</td>
<td>(353)</td>
</tr>
<tr>
<td>284JM</td>
<td>14</td>
<td>360</td>
<td>12.625</td>
<td>12.5</td>
<td>30.75</td>
<td>7</td>
<td>11</td>
<td>9.5</td>
<td>0.531</td>
<td>13.875</td>
</tr>
<tr>
<td></td>
<td>(356)</td>
<td></td>
<td>(321)</td>
<td>(318)</td>
<td>(781)</td>
<td>(178)</td>
<td>(279)</td>
<td>(241)</td>
<td>(13)</td>
<td>(353)</td>
</tr>
<tr>
<td>286JM</td>
<td>14</td>
<td>360</td>
<td>12.625</td>
<td>14</td>
<td>32.25</td>
<td>7</td>
<td>11</td>
<td>11</td>
<td>0.531</td>
<td>13.875</td>
</tr>
</tbody>
</table>

**STANDARD SEAL**

**STUFFING BOX**

Dimensions are subject to change. Not to be used for construction purposes unless certified.