1-1/4AC
Series 1531
Close-Coupled Centrifugal Pumps

**SPECIFICATIONS**

- **FLOW**
- **HEAD**
- **HP**
- **RPM**
- **VOLTS**
- **CYCLE**
- **PHASE**
- **ENCLOSURE**
- **APPROX. WEIGHT**
- **SPECIALS**

**MATERIALS OF CONSTRUCTION**

- BRONZE FITTED
- ALL IRON
- ALL BRONZE

† All bronze not available in stuffing box configuration

**MAXIMUM WORKING PRESSURE**

- 175 psig (12 bar) W.P.

**TYPE OF SEAL**

- 1531 Standard Seal (Buna-Carbon/Ceramic)
- 1531 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- 1531 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- 1531 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic)
- Requires external water source
- 1531 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)
1-1/4AC Series 1531
Close-Coupled Centrifugal Pumps

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**Series 1531 1-1/4AC Centrifugal Pump Submittal**

**B-335G**

**SIZE OF PUMP AND DISCHARGE SUCTION**

<table>
<thead>
<tr>
<th>PP</th>
<th>DD</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
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<tr>
<td>1-1/4AC (NPT)</td>
<td>4-3/4 (121)</td>
<td>5 (127)</td>
<td>3-1/4 (83)</td>
<td>4-1/2 (114)</td>
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**PUMP DIMENSIONS IN 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>
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<tr>
<td>143JM</td>
<td>7 (178)</td>
<td>7 (178)</td>
<td>6 (152)</td>
<td>18-7/8 (479)</td>
<td>3-1/2 (89)</td>
<td>5-1/2 (140)</td>
<td>4 (102)</td>
<td>11/32 (9)</td>
<td>10-3/4 (273)</td>
<td>7-1/4 (184)</td>
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<tr>
<td>145JM</td>
<td>7 (178)</td>
<td>7 (178)</td>
<td>6 (152)</td>
<td>18-7/8 (479)</td>
<td>3-1/2 (89)</td>
<td>5-1/2 (140)</td>
<td>5 (127)</td>
<td>11/32 (9)</td>
<td>10-3/4 (273)</td>
<td>7-1/4 (184)</td>
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<tr>
<td>182JM</td>
<td>9 (229)</td>
<td>8-1/2 (216)</td>
<td>6-1/2 (165)</td>
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<td>7-1/2 (190)</td>
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**STUFFING BOX 1531-PF, 1531-S, 1531-D**

<table>
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<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>
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<td>7 (178)</td>
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<tr>
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<td>7 (178)</td>
<td>6 (152)</td>
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Dimensions are subject to change. Not to be used for construction purposes unless certified.