2G
Series 1531
Close-Coupled Centrifugal Pumps

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

MATERIALS OF CONSTRUCTION
- BRONZE FITTED

MAXIMUM WORKING PRESSURE
- 175 psi (12 bar) W.P. with 125# ANSI flange drilling

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)
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Graph showing performance characteristics of 2G Series 1531 pumps.
### SIZE OF PUMP AND DISCHARGE

<table>
<thead>
<tr>
<th>SUCTION</th>
<th>PUMP DIMENSIONS IN INCHES (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2G</td>
<td>DD</td>
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<tr>
<td>3</td>
<td>10 (254)</td>
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</tbody>
</table>

#### 125# ANSI FLANGE DIMENSIONS - INCHES (MM)

<table>
<thead>
<tr>
<th>PIPE SIZE OF FLANGE</th>
<th>O.D. OF FLANGE</th>
<th>DIA. OF BOLT CIRCLE</th>
<th>NO. OF BOLTS</th>
<th>SIZE OF BOLTS</th>
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<tbody>
<tr>
<td>3</td>
<td>8 (203)</td>
<td>6 (152)</td>
<td>4</td>
<td>5/8 (16)</td>
</tr>
<tr>
<td>2</td>
<td>6-1/4 (159)</td>
<td>4-3/4 (121)</td>
<td>4</td>
<td>5/8 (16)</td>
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</table>

### DIMENSIONS – Inches (mm)

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>A</th>
<th>AB</th>
<th>HB</th>
<th>CP</th>
<th>D</th>
<th>HF</th>
<th>G</th>
<th>G1</th>
<th>H</th>
<th>HH</th>
<th>HA</th>
<th>F2</th>
<th>2E</th>
<th>2HE</th>
<th>HF2</th>
<th>B</th>
<th>F</th>
<th>O</th>
<th>HG</th>
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</thead>
<tbody>
<tr>
<td>254JP</td>
<td>16</td>
<td>8</td>
<td>15.5</td>
<td>29.81 (757)</td>
<td>6.25 (159)</td>
<td>14.25 (362)</td>
<td>0.88 (22)</td>
<td>0.19 (5)</td>
<td>0.62 (16)</td>
<td>0.5 (13)</td>
<td>13.62 (346)</td>
<td>2 (51)</td>
<td>14 (356)</td>
<td>12.5 (3.17)</td>
<td>6.56 (167)</td>
<td>7 (178)</td>
<td>5 (127)</td>
<td>10.88 (276)</td>
<td>3.75 (95)</td>
</tr>
<tr>
<td>256JP</td>
<td>16</td>
<td>8.94</td>
<td>15.5</td>
<td>31.69 (805)</td>
<td>6.25 (159)</td>
<td>14.25 (362)</td>
<td>0.88 (22)</td>
<td>0.19 (5)</td>
<td>0.62 (16)</td>
<td>0.5 (13)</td>
<td>13.62 (346)</td>
<td>2 (51)</td>
<td>14 (356)</td>
<td>12.5 (3.17)</td>
<td>8.25 (209)</td>
<td>7 (178)</td>
<td>5 (127)</td>
<td>12.94 (329)</td>
<td>3.75 (95)</td>
</tr>
<tr>
<td>284JP</td>
<td>16</td>
<td>11.5</td>
<td>17</td>
<td>31.88 (810)</td>
<td>7 (178)</td>
<td>15.5 (394)</td>
<td>0.88 (22)</td>
<td>0.25 (6)</td>
<td>0.62 (16)</td>
<td>0.62 (16)</td>
<td>14 (356)</td>
<td>2 (51)</td>
<td>14 (356)</td>
<td>12.5 (3.17)</td>
<td>6.63 (168)</td>
<td>7 (178)</td>
<td>5 (127)</td>
<td>13.88 (352)</td>
<td>3 (76)</td>
</tr>
</tbody>
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Dimensions are subject to change. Not to be used for construction purposes unless certified.

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