3G Series 1531
Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW ______ Head _______
HP ______  RPM _______
VOLTS ______ 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)

Graphical representation of Series 1531 performance characteristics.
3G 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)
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☐ 1531 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)
Series 1531 3G Centrifugal Pump Submittal

SIZE OF PUMP AND DISCHARGE

<table>
<thead>
<tr>
<th>SUCTION</th>
<th>PUMP DIMENSIONS IN INCHES (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3G</td>
<td>DD X Y Z</td>
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<tr>
<td>4</td>
<td>10 (254) 9.50 (241) 5.63 (143) 8 (203)</td>
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</tbody>
</table>

125# ANSI FLANGE DIMENSIONS - INCHES (MM)

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>OF FLANGE</th>
<th>DIA. OF BOLT CIRCLE</th>
<th>NO. OF BOLTS</th>
<th>SIZE OF BOLTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>8 (203)</td>
<td>6 (152)</td>
<td>4</td>
<td>5/8 (16)</td>
</tr>
<tr>
<td>4</td>
<td>9-1/2 (241)</td>
<td>7-1/2 (191)</td>
<td>8</td>
<td>5/8 (16)</td>
</tr>
</tbody>
</table>

DIMENSIONS – Inches (mm)

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>STANDARD SEAL 1531, 1531-F, 1531-S, Packing Seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>AB</td>
</tr>
<tr>
<td>254JP</td>
<td>16</td>
</tr>
<tr>
<td>256JP</td>
<td>16</td>
</tr>
<tr>
<td>284JP</td>
<td>16</td>
</tr>
<tr>
<td>286JP</td>
<td>16</td>
</tr>
<tr>
<td>324JP</td>
<td>16</td>
</tr>
</tbody>
</table>

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

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