PUMP SPECIFICATIONS
Size: 8” x 6” (203 mm x 152 mm) Flanged.
  Maximum Casing Pressure 291 psi (2006 kPa).*
  Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100 °F (37 °C) Based on System Component Limitations. *
Enclosed Type, Five Vane Impeller: Ductile Iron 65-45-12.
  Handles 3” (76,2 mm) Diameter Spherical Solids.
Suction Head: Ductile Iron 65-45-12
Impeller Shaft: Alloy Steel 4150M.
Replaceable Wear Ring: Ductile Iron 65-45-12.
Bearing Pedestal: Gray Iron 30.
Seal Plate: Gray Iron 30.
Shaft Sleeve: Stainless Steel 303/304.
Priming Chamber: Gray Iron 30 Housing */Stainless Steel Float and Linkage.
Discharge Check Valve: Ductile Iron Housing */Buna-N Flapper.
Radial Bearing: Open Single Ball.
Thrust Bearing: Open Double Ball.
Gaskets: Buna-N and Red Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Seal Cavity Oil Level Sight Gauges.
* Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

Standard Equipment: Belt Driven Air Compressor. Strainer.
Optional Equipment: Base. NPT Threaded Flange Kit. Coupling. TEFC Motor. Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure Gauge Kit.

SEAL DETAIL
**Specification Data**

**SECTION 43, PAGE 296**

**APPROXIMATE DIMENSIONS and WEIGHTS**

- **NET WEIGHT:** 1280 LBS. (580.6 KG.)
- **SHIPPING WEIGHT:** 1380 LBS. (626 KG.)
- **EXPORT CRATE SIZE:** 65 CU. FT. (1.8 CU. M.)

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<th>Millimeters</th>
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<td>52.34</td>
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<tr>
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<tr>
<td>DIA 47.27</td>
<td>1196.3</td>
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</tbody>
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<td>1196.3</td>
<td>1196.3</td>
</tr>
</tbody>
</table>

**Discharge:**

- 6.00 NOMINAL WITH 8 HOLES .88/DIA EQUALLY SPACED ON A 9.50/DIA BC

**Suction:**

- 8.00 NOMINAL WITH 8 HOLES .88/DIA EQUALLY SPACED ON A 11.75/DIA BC

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**Performance Curve**

**Volute** 38218-323 Curve PAH6CC-B-1

**Impeller** 38621-733 Model PAH6CC-B

**Size:** 8"x6" IMP. DIA. 14.25"

**SP. GR. 1.0 RPM NOTED**

**Operating Range**

- 500 GPM @ 1400 RPM
- 300 GPM @ 1200 RPM
- 200 GPM @ 1000 RPM
- 100 GPM @ 800 RPM

**NPSH:**

- 30 FT
- 10 M

**Specifications Subject to Change Without Notice**

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