Models

A200  A300

Features

• No contact between operating components in the casing
• Flat power curve over entire vacuum range prevents motor overload
• Reduced stress on motor shaft and bearings
• Increased water handling capability prevents heat build-up, extends life of mechanical seals
• Compact, close-coupled design eliminates need for inter-stage manifold or motor alignment
• Shrouded rotor increases pumping efficiency for high vacuum and low water consumption
• Fast delivery on standard materials and local support

Typical Pumping Speed Curves

Performance curves are based on dry air at 68°F (20°C), 60°F (15°C) seal water, and 29.92 inches of mercury (760 torr) barometric pressure.

Materials of Construction

Casing, Cover, Rotor, Port Cylinder:
Cast Iron

Mechanical Seals:
BUNA — Optional
Viton™ — Cast Iron Bronze Fitted, All Bronze, Stainless Steel
EPR — Optional
Kalrez™ — Optional

Drive Options:
Pedestal Frame
Close-coupled motor

Stocked Motors:
TEFC – 3Ø

Optional Motors:
XP Class I, GpD – 3Ø — Optional
Dimensions

Values shown are approximate and should not be used for construction. Certified drawings are available through your local Kinney Sales Professional.

Close-coupled Design

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FRAME</th>
<th>INLET</th>
<th>inches/mm</th>
<th>MOTOR HP</th>
<th>Weight (lbs./kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A200</td>
<td>284TYZ</td>
<td>3” Flange</td>
<td>A: 32.4 / 823  B: 8.3 / 211  C: 14.2 / 361  D: 7.0 / 178  E: 5.50 / 140  F: 11.0 / 279</td>
<td>15</td>
<td>560 / 254</td>
</tr>
<tr>
<td>A300</td>
<td>284TYZ</td>
<td>3” Flange</td>
<td>A: 33.7 / 856  B: 9.7 / 246  C: 15.6 / 396  D: 7.0 / 178  E: 5.50 / 140  F: 11.0 / 279</td>
<td>20</td>
<td>600 / 272</td>
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</tbody>
</table>

Pedestal Mount Design

<table>
<thead>
<tr>
<th>MODEL</th>
<th>INLET</th>
<th>inches/mm</th>
<th>Weight (lbs./kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A200</td>
<td>3” Flange</td>
<td>A: 28.81 / 732  B: 8.31 / 211  C: 11.88 / 302</td>
<td>250 / 114</td>
</tr>
<tr>
<td>A300</td>
<td>3” Flange</td>
<td>A: 30.19 / 767  B: 9.69 / 246  C: 13.25 / 337</td>
<td>325 / 148</td>
</tr>
</tbody>
</table>

CONTACT US

For more information, contact your Regional Sales Manager or call us at:

1-800-825-6937