TECHNICAL DATA

Number of stage: 1 thru 7 (cast) - 1 thru 8 (fabricated)
Inlet connection: 12” (305 mm) flange, matches 125# ANSI
Outlet connection: 12” (305 mm) flange, matches 125# ANSI
Operating speed: 3550 rpm in direct drive (60Hz),
Lubrication: Oil type with constant level
Impeller diameter: 25” (636 mm)
Impeller tip speed: 390 fps (119 m/sec)
Drive: Direct drive or gear box or V-belts
Vibration tolerance: 1.25 mils peak-to-peak (4.5 mm /s)
Shaft end: 2” 3/8 (60 mm), inlet end drive standard.

MATERIALS OF CONSTRUCTION

Heads, Sections, Bearing housings: Cast iron ASTM A-48 Class 35B
Tie rods: 13/16” (20 mm) diameter cold drawn steel A60
Joint sealing compound: RTV IS502 Silicone
Seals (air): Two graphit rings each end
Seals (gas): Four carbon rings each end with inert gas injection
Bearings: Ball bearings 6313 C3 PER AFBMA B10 STANDARD
Shaft: AISI 1038 Carbon steel or equivalent
Impellers: Fabricated aluminium ASTM 6061 / Cast ASTM 360
Baffle rings: Stainless steel
Motor pedestal: Structural steel.
Base pads: Korfund Elasto-rib or equivalent
Noise level: In compliance with OSHA standards when machine is fully, piped (certified tests available).

<table>
<thead>
<tr>
<th>BLOWER SIZE</th>
<th>“A”</th>
<th>“B”</th>
<th>“C”</th>
<th>WEIGHT LBS</th>
<th>KG</th>
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<tbody>
<tr>
<td>15101</td>
<td>18.26 (464)</td>
<td>60.0 (1524)</td>
<td>72.0 (1829)</td>
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<td>1000</td>
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<tr>
<td>15102</td>
<td>24.76 (629)</td>
<td>72.0 (1829)</td>
<td>84.0 (2134)</td>
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<td>1330</td>
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<tr>
<td>15103</td>
<td>31.25 (794)</td>
<td>84.0 (2134)</td>
<td>96.0 (2438)</td>
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<td>1650</td>
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<tr>
<td>15104</td>
<td>37.75 (995)</td>
<td>90.0 (2286)</td>
<td>102.0 (2591)</td>
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<td>15105</td>
<td>44.25 (1124)</td>
<td>96.0 (2438)</td>
<td>108.0 (2743)</td>
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<td>15106</td>
<td>50.74 (1241)</td>
<td>102.0 (2591)</td>
<td>114.0 (2896)</td>
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<tr>
<td>15107</td>
<td>57.25 (1454)</td>
<td>108.0 (2743)</td>
<td>120.0 (3048)</td>
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<tr>
<td>15108</td>
<td>63.74 (1619)</td>
<td>120.0 (3048)</td>
<td>132 (3353)</td>
<td>7050</td>
<td>3200</td>
</tr>
</tbody>
</table>

DIMENSIONS ARE IN INCHES AND (MM)
ACTUAL DIMENSIONS MAY VARY SLIGHTLY TO SUIT APPLICATION

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