TECHNICAL DATA

Number of stage: 1 thru 9 (cast)
Inlet connection: 6" (152 mm) flange, matches 125# ANSI
Outlet connection: 6" (152 mm) flange, matches 125# ANSI
Operating speed: 3600 rpm in direct drive (60Hz)
Lubrication: Grease lubricated
Impeller diameter: 24" (611 mm)
Impeller tip speed: 437 f/s (133.26 m/s)
Drive: Direct drive or V-belts
Vibration tolerance: 1.25 mils peak-to-peak (4.5 mm /s)
Shaft end: 1” 3/4 (45 mm), inlet end drive standard.

MATERIALS OF CONSTRUCTION

Heads, Bearing housings: Cast iron ASTM A-48 Class 35B or equivalent
Sections: Cast aluminium ASTM 356 or equivalent (cast iron optional)
Tie rods: 3/4" (19 mm) diameter cold drawn steel A60
Joint sealing compound: RTV ISS02 Silicone
Seals (air): Two graphit rings each end
Seals (gas): Four carbon rings each end with inert gas injection
Bearings: Ball bearings 6410 C3 THT per AFBMA B10 STANDARD
Shaft: AISI 1038 Carbon Steel or equivalent
Impellers: Cast aluminium ASTM 360 or equivalent
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>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
<th>WEIGHT LBS</th>
<th>KG</th>
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<td>3101</td>
<td>9.21 (234)</td>
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<td>54.0 (1372)</td>
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<td>12.64 (321)</td>
<td>52.0 (1321)</td>
<td>54.0 (1372)</td>
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<td>3103</td>
<td>16.06 (408)</td>
<td>64.0 (1625)</td>
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<td>70.0 (1778)</td>
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<td>84.0 (2134)</td>
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<td>3109</td>
<td>36.61 (930)</td>
<td>94.0 (2388)</td>
<td>96.0 (2438)</td>
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<td>785</td>
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</tbody>
</table>

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

Values, dimensions and reference in this brochure are approximate and intended as a guide only, not for construction and are subject to change without notice.