**TECHNICAL DATA**

Number of stages: 1 thru 7 (8 for 50Hz)

Inlet connection: 14" (356 mm) flange, ANSI 125# drilling

Outlet connection: 14" (356 mm) flange, ANSI 125# drilling

Operating speed: 3550 rpm in direct drive (60Hz)

Lubrication: Oil type with constant level

Impeller diameter: 26" (662 mm)

Impeller tip speed: 400 fps (122 m/sec)

Drive: Direct drive or gear box or V-belts

Vibration tolerance: 1.25 mils peak-to-peak (4.5 mm/s RMS)

Balance piston: From 5 to 8 stages with pipe connection

Shaft end: 2" 9/16 (65mm) diameter, inlet end drive standard

**MATERIALS OF CONSTRUCTION**

Head, 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): Graphite ring (standard) or carbon ring each end

Seals (gas): Four carbon rings each end with inert gas injection

Bearings: Ball bearings 6316 C3 PER AFBMA B10 STANDARD

Shaft: AISI 1038 Carbon steel or equivalent

Impellers: Fabricated aluminium ASTM 6061

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).

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**BLOWER SIZE**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
<th>WEIGHT</th>
<th>ROTOR WK</th>
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</table>

DIMENSIONS ARE IN INCHES AND (MM)

ACTUAL DIMENSIONS MAY VARY SLIGHTLY TO SUIT APPLICATION

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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.