TECHNICAL DATA

Number of stage: 1 thru 6
Inlet connection: 24" (612 mm) flange, matches 125# ANSI
Outlet connection: 20" (511 mm) flange, matches 125# ANSI
or 18" (460 mm) flange, matches 125# ANSI
Operating speed: 3550 rpm in direct drive (60Hz)
Lubrication: Oil type with constant level
Impeller diameter: From 34" (864 mm) to 36" (915 mm)
Impeller tip speed: 443 fps (135 m/sec)
Drive: Direct drive or gear box
Vibration tolerance: 1.25 mils peak-to-peak (4.5 mm /s)
Balance piston: From 3 to 6 stages with pipes connection
Shaft end: 3" 3/4 (95 mm), inlet end drive standard

MATERIALS OF CONSTRUCTION

Heads, Sections, Bearing housings: Cast iron ASTM A-48 Class 35B
Tie rods: 7/8" (22 mm) diameter cold drawn steel A60
Joint sealing compound: RTV ISS02 Silicone
Seals (air): Two graphite rings each end
Seals (gas): Four carbon rings each end with inert gas injection
Bearings: Ball bearings 6320 C3 PER ABMA B10 STANDARD
Shaft: AISI 1038 Carbon steel or equivalent
Impellers: Fabricated aluminium ASTM 6061
Baffle rings: Stainless steel
Motor pedestal: Structural steel
Base pads: Anchor bolts
Noise level: In compliance with OSHA standards when machine is fully,
piped (certified tests available).

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

CONTINENTAL BLOWER LLC. CONTINENTAL BLOWER LLC. CONTINENTAL BLOWER LLC. CONTINENTAL BLOWER LLC.