TECHNICAL DATA

Number of stage: 1 thru 10 (cast)
Inlet connection: 4" (102 mm) flange, matches 125# ANSI
Outlet connection: 2.5" (63.5 mm) flange, matches 125# ANSI
Operating speed: 3600 rpm in direct drive (60Hz)
Lubrication: Grease lubricated
Impeller diameter: 14" (355.6 mm)
Impeller tip speed: 246 f/s (75 m/s)
Drive: Direct drive or V-belts
Vibration tolerance: 1.5 mils peak-to-peak (5.4 mm/s)
Shaft end: 0.86" (38 mm), inlet end drive standard.

MATERIALS OF CONSTRUCTION

Heads, Bearing housings: Cast iron ASTM A-48 Class 35B or equivalent
Sections: Cast aluminum ASTM 356 or equivalent (cast iron optional)
Tie rods: 1/2" (12.7 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 6410 C3 THT per AFBMA B10 STANDARD
Shaft: AISI 1038 CARBON STEEL or equivalent
Impellers: Cast aluminum 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).

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.

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