TECHNICAL DATA

Number of stage: 1 thru 8 (cast) - 1 thru 11 (fabricated)
Inlet connection: 8” (202 mm) flange, matches 125# ANSI
Outlet connection: 8” (202 mm) flange, matches 125# ANSI
Operating speed: 3550 rpm in direct drive (60Hz), 4400 with gear box or V-belt
Lubrication: Oil type with constant level (grease optional)
Impeller diameter: 24” (611 mm)
Impeller tip speed: 372 f/s (113 m/s)
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

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): 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: Cast aluminium ASTM 360, 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).

TECHNICAL DATA

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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