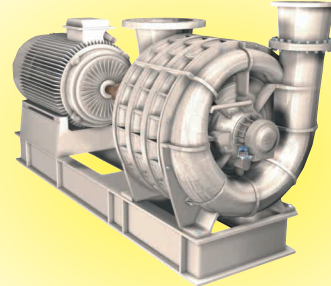


TECHNICAL DATA SHEET

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.

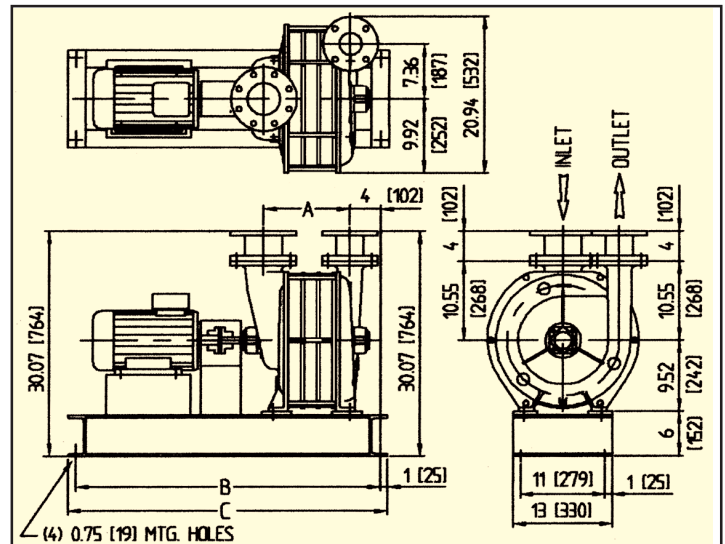
"08" SERIES



AIR & GAS

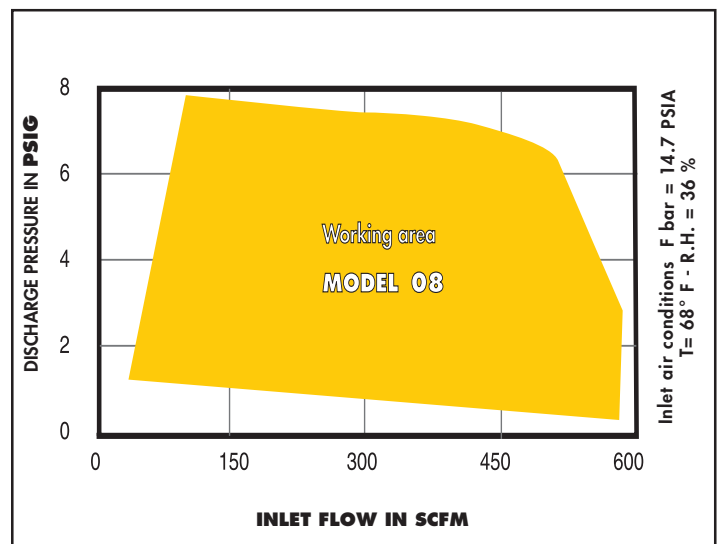
MATERIALS OF CONSTRUCTION

Heads, Bearing housings : Cast iron ASTM A-48 Class 35B or equivalent
Sections : Cast aluminium ASTM 356 or equivalent (cast iron optional)
Tie rods : 1/2" (12.7 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 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).



BLOWER SIZE	"A"	"B"	"C"	WEIGHT	
				LBS	KG
0801	5.20 (132)	28.0 (711)	30.0 (762)	198	90
0802	7.24 (184)	34.0 (863)	36.0 (914)	231	105
0803	9.29 (236)	34.0 (863)	36.0 (914)	253	115
0804	11.33 (288)	40.0 (1016)	42.0 (1067)	286	130
0805	13.38 (340)	40.0 (1016)	42.0 (1067)	308	140
0806	15.43 (392)	46.0 (1168)	48.0 (1219)	342	155
0807	17.48 (444)	46.0 (1168)	48.0 (1219)	364	165
0808	19.52 (496)	52.0 (1321)	54.0 (1371)	397	180
0809	21.57 (548)	52.0 (1321)	54.0 (1371)	419	190
0810	23.62 (600)	52.0 (1321)	54.0 (1371)	441	200

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.