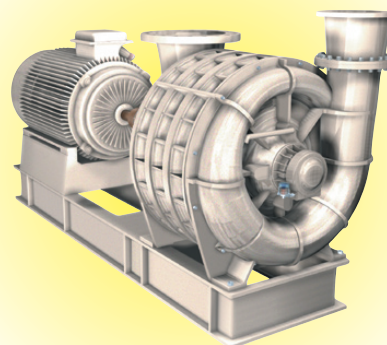


TECHNICAL DATA SHEET

TECHNICAL DATA

Number of stage : 1 thru 8
Inlet connection : 18" (455 mm) flange, PN 10 DN 450
Outlet connection : 14" (355 mm) flange, PN 10 DN 350
Operating speed : 3550 rpm in direct drive (60Hz), with gear box or V-belts
Lubrication : Oil type with constant level
Impeller diameter : 26" (662 mm)
Impeller tip speed : 405 fps (122 m / sec)
First critical speed : 4505 rpm (7 stages)
Drive : Direct drive or gear box or V-belts
Vibration tolerance : 1.25 mils peak-to-peak (4,5 mm /s)
Balance piston : From 5 to 8 stages
Shaft end : 2" 9/16 (65 mm) , inlet end drive standard

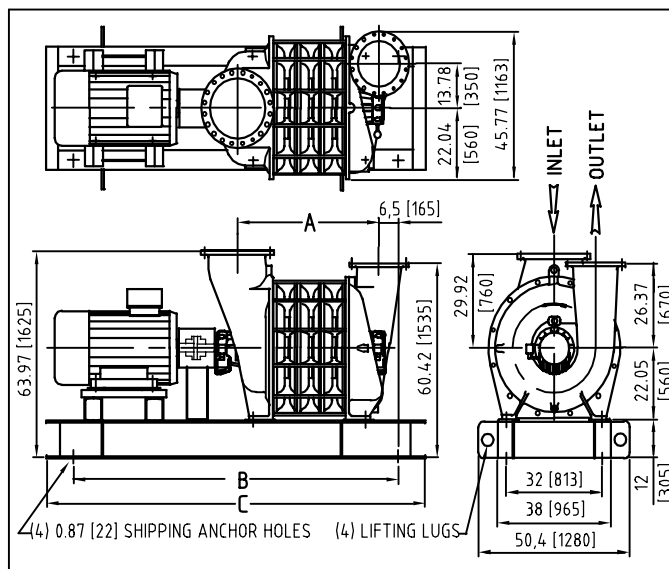
"400" SERIES



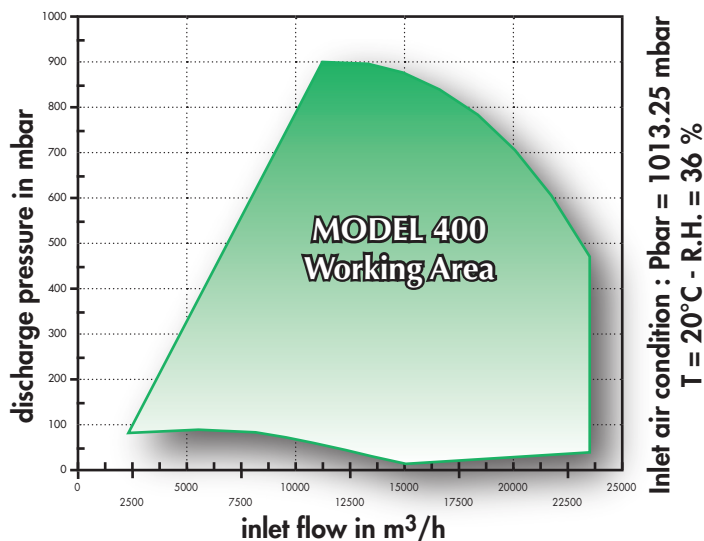
AIR & GAS

MATERIALS OF CONSTRUCTION

Head, Sections, Bearing housings : Cast iron FGL 250
Tie rods : 13/16" (20 mm) diameter cold drawn steel A60
Joint sealing compound : RTV IS502 Silicone
Seals (air) : Graphit rings each end
Seals (gas) : Four carbon rings each end with inert gas injection
Bearings : Ball bearings 6316 C3 PER AFBMA B10 STANDARD
Shaft : Carbon steel C35 (stainless steel available)
Impellers : Fabricated aluminium 5754/6082T6
Baffle rings : Stainless steel
Motor pedestal : UPN roll carbon steel.
Base frame installation : Anchor bolts or antivibrations pads
Noise level : In compliance with OSHA standards when machine is fully, piped (certified tests available)



BLOWER SIZE	"A"	"B"	"C"	WEIGHT		ROTOR WK ² (lb.ft ²)
				LBS	KGS	
400.01	23.81 (605)	102 (2591)	120 (3048)	3750	1700	8.86
400.02	31.69 (805)	102 (2591)	120 (3048)	4410	2000	17.52
400.03	39.56 (1005)	114 (2896)	132 (3353)	5180	2350	26.18
400.04	47.44 (1205)	126 (3200)	144 (3658)	5950	2700	34.84
400.05	55.31 (1405)	144 (3658)	162 (4115)	6830	3100	52.16
400.06	63.18 (1605)	144 (3658)	162 (4115)	7500	3400	52.16
400.07	71.08 (1805)	154 (3912)	172 (4369)	8380	3800	60.82
400.08	78.93 (2005)	154 (3912)	172 (4369)	9040	4100	69.48



DIMENSIONS ARE IN INCHES AND (MM)
 ACTUAL DIMENSIONS MAY VARY SLIGHTLY TO SUIT APPLICATION

