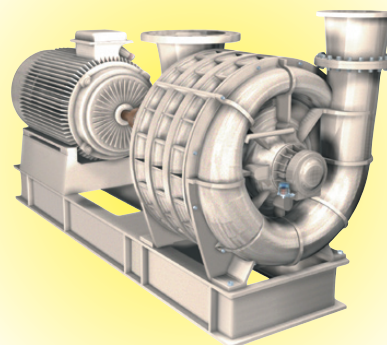


TECHNICAL DATA SHEET

TECHNICAL DATA

Number of stage : 1 thru 8
Inlet connection : 14" (355 mm) flange, PN 10 DN 350
Outlet connection : 14" (355 mm) flange, PN 10 DN 350
Operating speed : 3550 rpm in direct drive (60Hz)
Lubrication : Oil type with constant level
Impeller diameter : 26" (662 mm)
Impeller tip speed : 400 fps (122 m / sec)
First critical speed : 4601 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

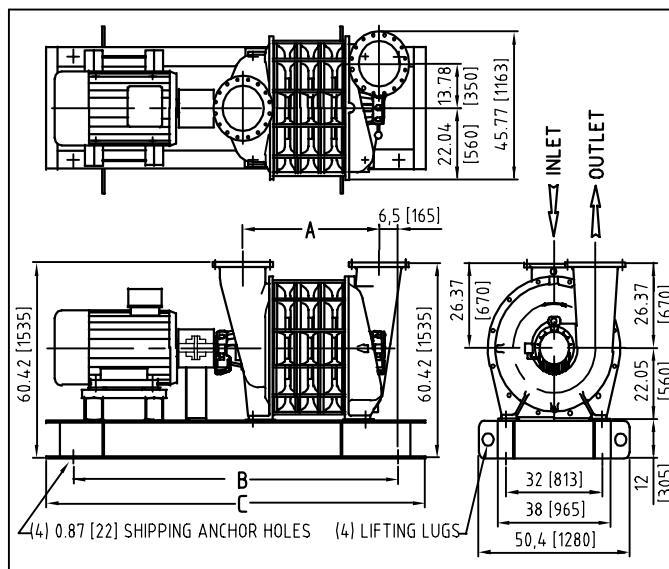
"251" SERIES



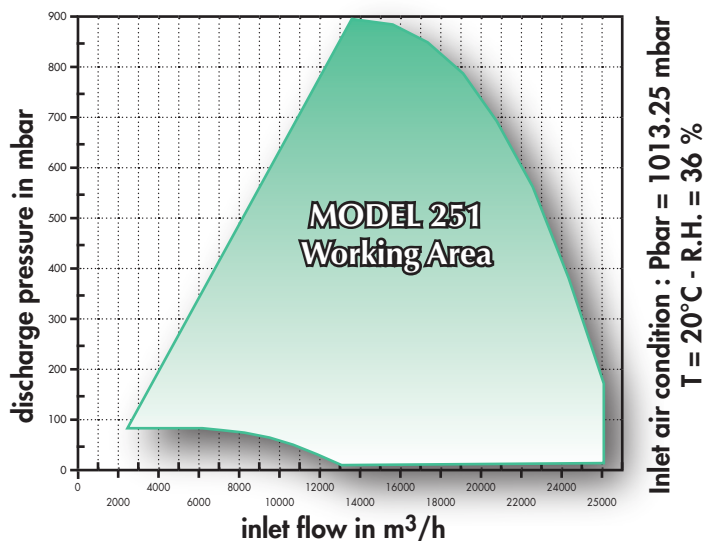
AIR & GAS

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) CAST ONLY
				LBS	KGS	
251.01	22.00 (559)	102(2591)	120 (3048)	3640	1650	8.78
251.02	29.88 (759)	102 (2591)	120 (3048)	4300	1950	17.32
251.03	37.75 (959)	114 (2896)	132 (3353)	5070	2300	26.10
251.04	45.63 (1159)	126 (3200)	144 (3658)	5840	2650	34.64
251.05	53.50 (1359)	144 (3658)	162 (4115)	6720	3050	43.19
251.06	61.38 (1559)	144 (3658)	162 (4115)	7390	3350	51.73
251.07	69.25 (1759)	154 (3912)	172 (4369)	8270	3750	60.28
251.08	77.12 (1959)	154 (3912)	172 (4369)	8930	4050	68.82



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

