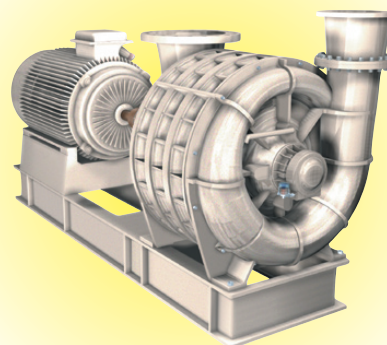


TECHNICAL DATA SHEET

TECHNICAL DATA

Number of stage : 1 thru 10 (cast)
Inlet connection : 6" (152 mm) flange, DN 150 PN 10
Outlet connection : 5" (127 mm) flange, DN 125 PN 10
Operating speed : 3600 rpm in direct drive (60Hz), 6400 with V-belt
Lubrication : Grease lubricated
Impeller diameter : 16" (406,4 mm)
Impeller tip speed : 246 f/s (75 m/s)
First critical speed : 4620 rpm (10-stage)
Drive : Direct drive or V-belts
Vibration tolerance : 1.5 mils peak-to-peak (4,5 mm /s)
Shaft end : 1" 1/2 (38 mm), inlet end drive standard.

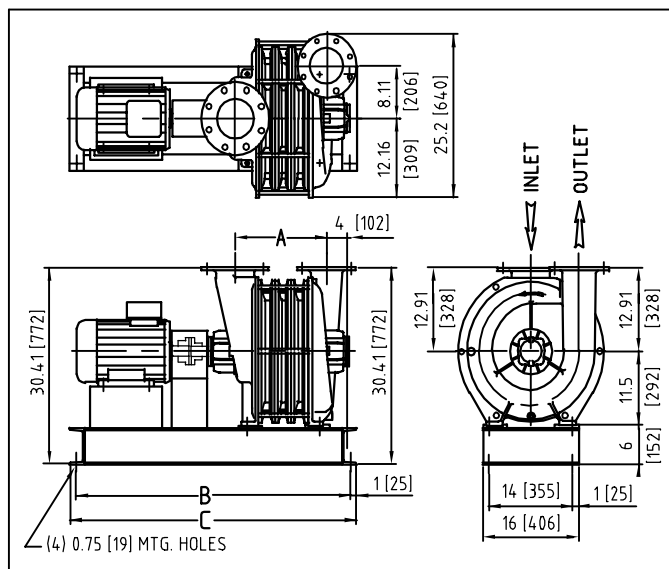
"20" SERIES



AIR & GAS

MATERIALS OF CONSTRUCTION

Bearing housings : Cast iron FGL 250
Head, Sections : Cast aluminium Al Si 7 Mg
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 6308 C3 per AFBMA B10 STANDARD
Shaft : Carbon steel C35 (stainless steel available)
Impellers : Cast aluminium Al Si 10 Mg
Motor pedestal : Structural steel.
Base frame installation : Antivibrations pads
Noise level : In compliance with OSHA standards when machine is fully, piped (certified tests available).



BLOWER SIZE	"A"	"B"	"C"	WEIGHT	
				LBS	KGS
20.01	7.04 (179)	34 (863)	36 (914)	352	160
20.02	9.80 (249)	40 (1016)	42 (1067)	408	185
20.03	12.56 (319)	46 (1168)	48 (1219)	463	210
20.04	15.31 (389)	46 (1168)	48 (1219)	507	230
20.05	18.07 (459)	52 (1321)	54 (1372)	562	255
20.06	20.83 (529)	58 (1473)	60 (1524)	617	280
20.07	23.58 (599)	58 (1473)	60 (1524)	661	300
20.08	26.33 (669)	64 (1625)	66 (1676)	716	325
20.09	29.9 (739)	64 (1625)	66 (1676)	760	345
20.10	31.85 (809)	70 (1778)	72 (1829)	815	370

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

