

ROTARY AIR BLOWER

Sr#	Description	Qty
1	<u>Rotary Air Blower (Roots Type):</u> <ul style="list-style-type: none">• Discharge Pressure: 2000 m³/hr• Suction Pressure: Atmospheric	One
Notes: <ol style="list-style-type: none">a. Please refer to the attached technical specifications document for further details.b. Technical literature of the offered blower must be sent with the quotation.c. Make and country of origin should be clearly mentioned in quotation		

ROTARY AIR BLOWER

TECHNICAL SPECIFICATIONS **ROTARY AIR BLOWER**

DESIGN SPECIFICATIONS:

Blower					
Structure			Material		
Rotor	Shaft seal	Bearing	Rotor	Casing	Shaft
3-Lode Helical Port	Labyrinth	Ball Bearing	Gray Cast Iron	Gray Cast Iron	Carbon Steel
Motor					
Drip-Proof Motor		4-Pole		E-Class Insulation	
Discharge Connection					
JIS 10K Flange/Equivalent					

OPERATING SPECIFICATIONS:

Discharge Diameter	6 in (150 mm)
Discharge Pressure	0.8 Kg/cm ² (g)
Suction Pressure	Atmospheric
Ambient Temperature	Max. 50 ⁰ C, Min. 0 ⁰ ± 2 ⁰ C
Suction Medium/Fluid	Air from Atmosphere
Out Flow Rate	2000 m ³ /hr

ELECTRICAL SPECIFICATIONS:

Motor	3-Phase
Cooling Type	Water Cooled
Voltage	400-440 V (50Hz)
Safety Switches	Must be provided by vendor
Power	75±5 kW or as per manufacturer's recommendation

STANDARD ACCESSORIES:

1. Common Base
2. Suction Silencer along with Filter
3. Safety Valves
4. Pressure Gauges
5. Foundation Base with Nuts
6. Necessary Spare parts including Bearings, Seals, Filters, etc for 5 years.
7. Performance curves along with installation and operating manuals