

Medium Vacuum Blower

TS 56

Hibon Ingersoll Rand is known for always designing innovative technologies that give you peace of mind. The TS Two-Lobe series, Medium Vacuum blowers offer a wide range of design features and incorporate energy efficiency improvements, complying with the strictest operational requirements of a variety of applications. These Medium Vacuum blowers are ideally suited for the rigorous demand of the vacuum truck market. Hibon is a worldwide leader in positive displacement blower technology with thousands of units installed around the globe.

Characteristics

Drop in a Medium Vacuum Blower from Ingersoll Rand Hibon and achieve 18" Hg of continuous duty vacuum. TS Series Blowers are road-ready with intrinsic washdown protection and our tri-seal shaft-sealing system to prevent leaks.

Features and Benefits

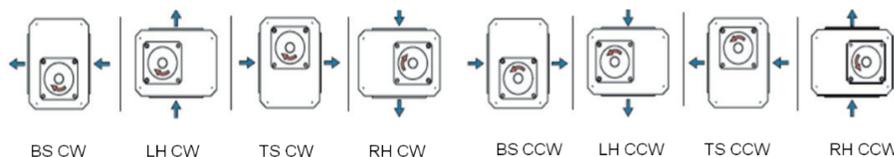
- 18" Hg vacuum is standard.
- Tri-seal shaft sealing system.
- Centrally timed.
- Robust road tested design.
- Rugged bulls eye sight glasses.
- Washdown protection package

Applications

- Mobile waste handling units, industrial, municipal, wet and dry.
- Pneumatic conveying (fly ash, chemicals, pharmaceuticals)
- Central vacuum systems (packaging, envelope manufacturing)
- Deaeration (chemical, plastics, brick and ceramics)
- Hydro excavation

Better by design

Configuration



RH = Right hand shaft
 LH = Left hand shaft
 BS = Bottom shaft
 TS = Top shaft
 CW = Clockwise rotation
 CCW = Counter clockwise rotation

Performance chart

Speed (RPM)	VOLUME DISPLACEMENT *(5000 CFM)											
	3" HG		6" HG		9" HG		12" HG		15" HG		18" HG	
RPM	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
1250	2316	19	2177	34	2048	52	1904	68	1777	83		
1500	2828	22	2690	41	2559	62	2422	82	2290	99		
1750	3340	26	3203	48	3071	73	2940	95	2803	116	2440	138
2000	3853	29	3715	56	3582	83	3458	109	3315	132	2955	157
2250	4365	33	4228	63	4093	94	3976	123	3828	148	3471	176
2400	4672	35	4536	67	4400	100	4287	131	4136	158	3780	188



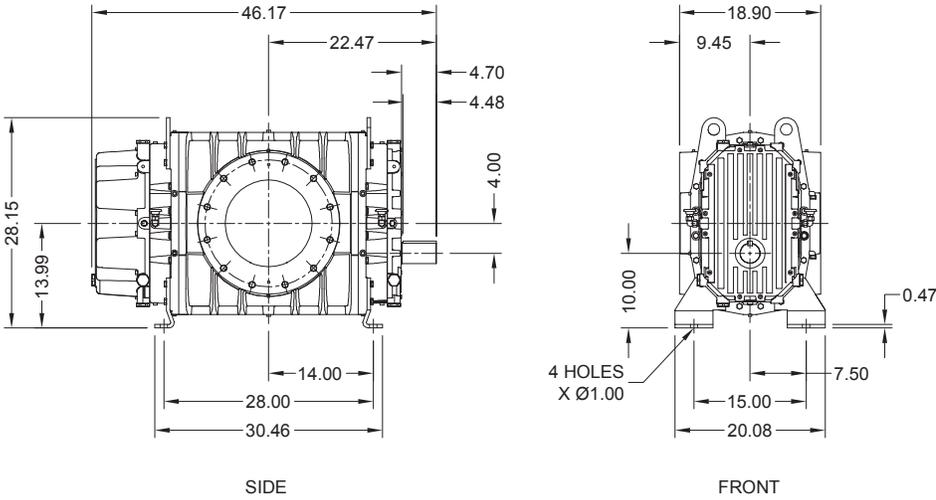
* Free air displacement at maximum speed.

Performance data is based on an inlet temperature of 68°F at sea level.

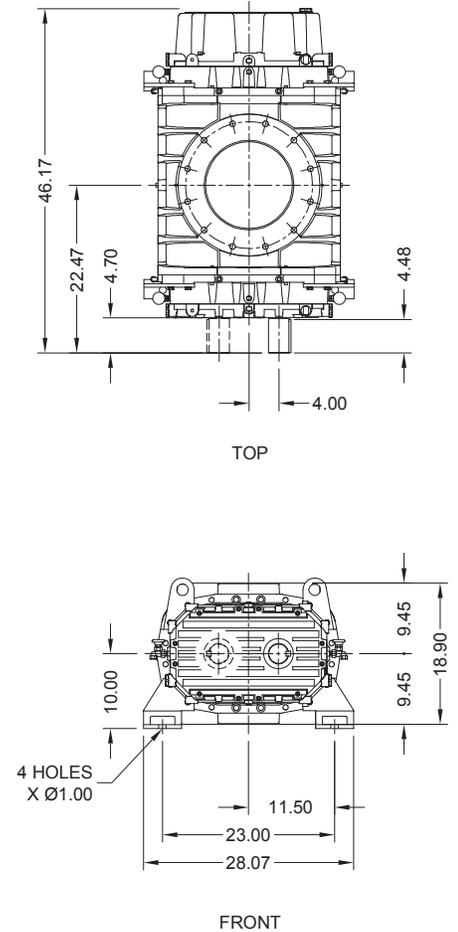
TS Series blowers are also capable of operating in pressure mode. Please contact the factory for pressure performance curves.

TS56 Dimensions

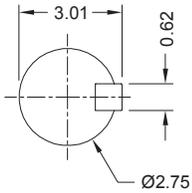
VERTICAL GEARS



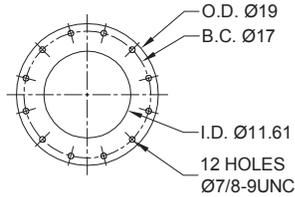
HORIZONTAL GEARS



SHAFT DETAILS



INLET/DISCHARGE FLANGES



- NOTES:
1. ENGLISH UNITS (INCH) UNLESS OTHERWISE NOTED.
 2. WEIGHT: 1825 lbs
 3. DO NOT USE FOR CONSTRUCTION.

Spare parts and accessories

For more information about spares and accessories, contact your nearest Authorized Service Center or Hibon Inc. (an Ingersoll Rand company).



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 We are committed to using environmentally conscious print practices

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