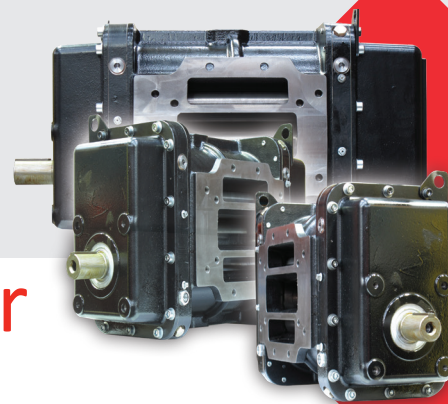




Air Injection Vacuum Blower VTB 840.XL

Hibon Ingersoll Rand presents state-of-the-art technology in three-lobe, positive displacement blowers. The VTB XL series air-injected, high-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 high-vacuum blowers are ideally suited for the rigorous demand of the vacuum truck market. Hibon is a worldwide leader in three-lobe positive displacement blower technology with thousands of units installed around the globe.

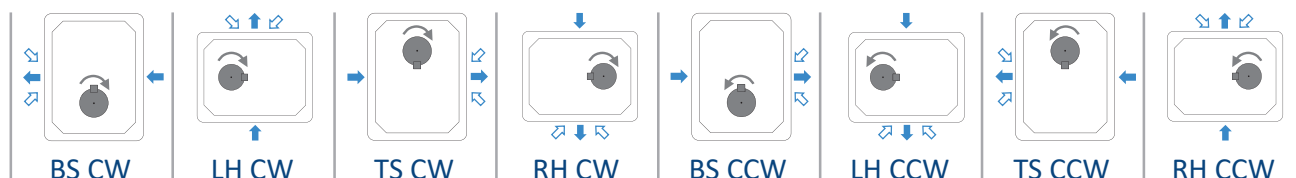
Characteristics

- Three-lobe impeller construction
- Unique air injection system
- Increased efficiency
- Clearances adjusted automatically during assembly
- Larger oil capacity
- High volume oil thrower
- High performance sealing arrangement using 4 piston rings

Benefits

- Quieter operation than two-lobe impeller construction
- Allows high vacuum including "dead end" operation without overheating
- No oil or water cooling system (100% oil free air)
- Requires less horsepower for the same performance
- Easier maintenance
- Runs cooler
- Better lubrication of bearings
- Less frequent oil changes

Configurations



Configuration	With feet option	Without feet
BS CW	.	F017570111
LH CW	.	F017570101
TS CW	.	F017570121
RH CW	.	F017570131
BS CCW	.	F017570110
LH CCW	.	F017570100
TS CCW	.	F017570120
RH CCW	.	F017570130

- ↻ Shaft rotation
- ➡ Air flow
- ↺ Air injection
- RH = Right hand shaft
- LH = Left hand shaft
- BS = Bottom shaft
- TS = Top shaft
- CW = Clockwise rotation
- CCW = Counter clockwise rotation

Performance chart

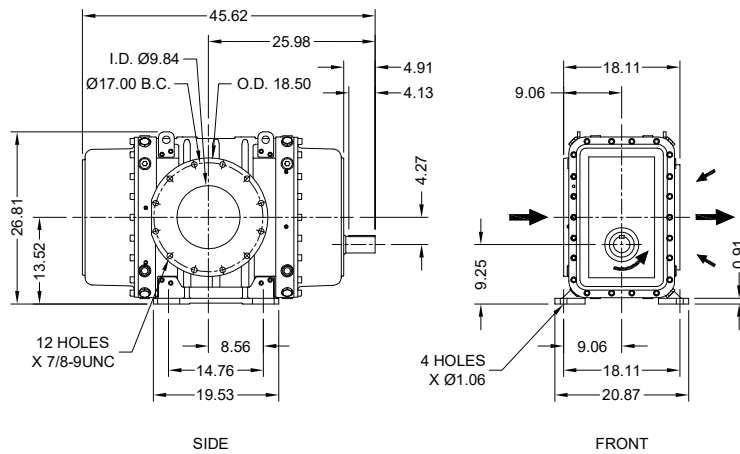
VOLUME DISPLACEMENT *(4000 CFM)																
Speed (RPM)	9" HG		12" HG		15" HG		18" HG		21" HG		24" HG		27" HG		28" HG	
RPM	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
1000	1280	32	1211	41	1121	51	989	62	771	72	370	82	-	-		
1200	1592	38	1524	49	1437	62	1308	74	1096	86	705	98	-	-		
1400	1903	44	1839	57	1753	72	1628	86	1421	100	1040	115	177	129		
1600	2215	51	2152	66	2069	82	1947	98	1746	115	1375	131	535	148		
1800	2527	57	2466	74	2386	92	2267	111	2071	129	1710	148	893	166		
2000	2839	63	2780	82	2702	103	2586	123	2396	143	2045	164	1251	185		
2200	3151	70	3094	90	3018	113	2905	135	2720	158	2380	181	1610	202		
2400	3463	76	3407	98	3334	123	3225	148	3045	172	2715	197	1968	221		
2600	3752	82	3709	107	3642	133	3544	160	3361	187	3034	213	-	-	BO	248

* Volume displacement at maximum speed. BO = Blanked off

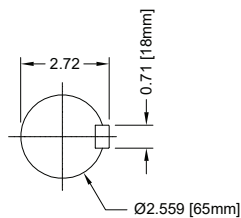
VTB 840.XL

Configuration BS CCW

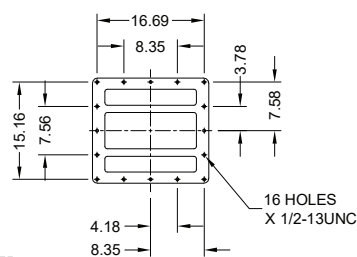
VERTICAL GEARS



SHAFT DETAILS



DISCHARGE FLANGE



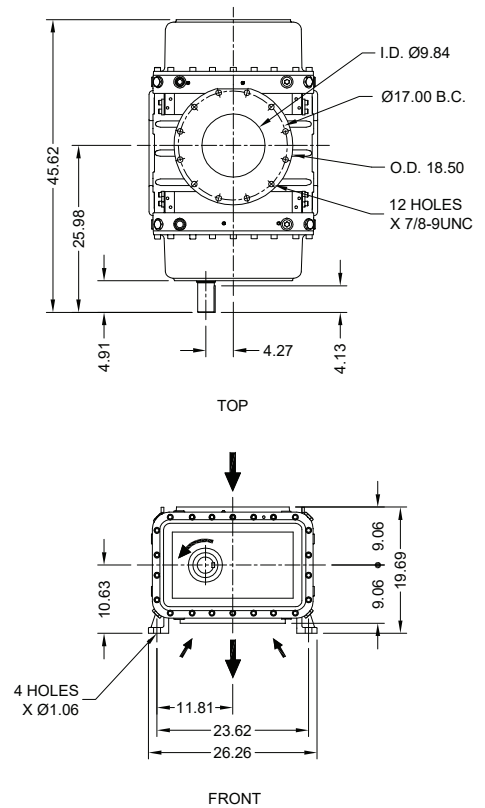
NOTES:

1. ENGLISH UNITS (INCH) UNLESS OTHERWISE NOTED.
2. WEIGHT: 1708 lbs.
3. C.W. SHAFT ROTATION ALSO AVAILABLE ON REQUEST.
4. DO NOT USE FOR CONSTRUCTION.

Dimensions

Configuration LH CCW

HORIZONTAL GEARS



Spare parts and accessories

KIT 1 - STANDARD MAINTENANCE KIT	KIT 2 - SET OF RING HOLDERS	KIT 3 - SET OF GEARS	MANIFOLD & DISCHARGE/INJECTION MANIFOLD GASKETS	HIBON LUBE
Contains all parts required for 40 000 h. maintenance				

For more information about spares and accessories, contact your nearest Service Center or Ingersoll Rand - HiBON company.

hibon®

COMPRESSED AIR SYSTEMS
AND SERVICES HIBON INC

100 Voyageur
Pointe-Claire, Quebec
Canada
H9R 6A8

T: +1 514 631-3501
F: +1 877 584 0307

www.hibon.com

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com.

©2022 Ingersoll-Rand Company

DS-VTB840.XL_US-I

