EurusBlower

*High Quality Blowers*
*Excellent Value*
*Superior Customer Service*

# ZCS824
## Vacuum Truck Blower



The Eurus ZCS824 Vacuum Truck Blower is a heavy-duty blower designed with integral-shaft, ductile iron impellers. The blower is center timed for rotation in either direction. The precisely aligned gears and bearings offer consistent and superior performance at an affordable price. Rugged, detachable steel mounting feet allow configuration in either vertical or horizontal to meet installation requirements. The headplates, gear cover, end cover and rigid, one-piece casing are grey iron. Carburized and ground alloy steel spur timing gears are taper mounted on the shafts, secured with a locknut. Cylindrical roller bearings are used on the drive end with ball bearings on the gear end. Piston rings reduce air leakage through the shaft openings in the head-plates, and lip-type oil seals prevent lubricant from entering the air chamber and provides oil free compression.

Flow Range: to 4460 CFM
Max Δ Pressure: 15 psi
Max Δ Vacuum: 18" Hg
Maximum RPM: 2470
Minimum RPM: 880
Free Air 5,187 cfm

**FEATURES**

- Center-timed for rotation in either direction
- Alloy steel timing gears
- Cylindrical roller bearings (Cylindrical roller bearings are used on the drive end with ball bearings on the gear end.)
- Piston ring air seals
- Lip-type oil seals
- Splash oil lubrication
- High volumetric efficiency
- Horizontal and vertical configurations available

**PERFORMANCE TABLE**

| FRAME SIZE | SPEED RPM | 4 PSI | | 6 PSI | | 8 PSI | | 10 PSI | | 12 PSI | | 15 PSI | | MAX.VACUUM | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CFM | BHP | CFM | BHP | CFM | BHP | CFM | BHP | CFM | BHP | CFM | BHP | ″ Hg | CFM | BHP |
| ZCS-824 | 880 | 1321 | 33.04 | 1205 | 49.28 | 1105 | 65.44 | 1018 | 81.60 | | | | | 12 | 1026 | 48.43 |
| | 1600 | 2836 | 67.98 | 2720 | 97.53 | 2620 | 126.91 | 2533 | 156.30 | 2452 | 185.68 | 2346 | 229.75 | 18 | 2127 | 139.28 |
| | 1770 | 3194 | 74.61 | 3077 | 107.20 | 2978 | 139.80 | 2891 | 172.31 | 2810 | 204.81 | 2704 | 253.57 | 18 | 2485 | 153.48 |
| | 2250 | 4204 | 101.42 | 4087 | 143.00 | 3988 | 184.32 | 3901 | 225.63 | 3820 | 266.95 | 3714 | 328.93 | 18 | 3495 | 205.73 |
| | 2470 | 4667 | 117.24 | 4550 | 162.90 | 4450 | 208.25 | 4364 | 253.61 | 4283 | 298.97 | | | 18 | 3958 | 227.34 |

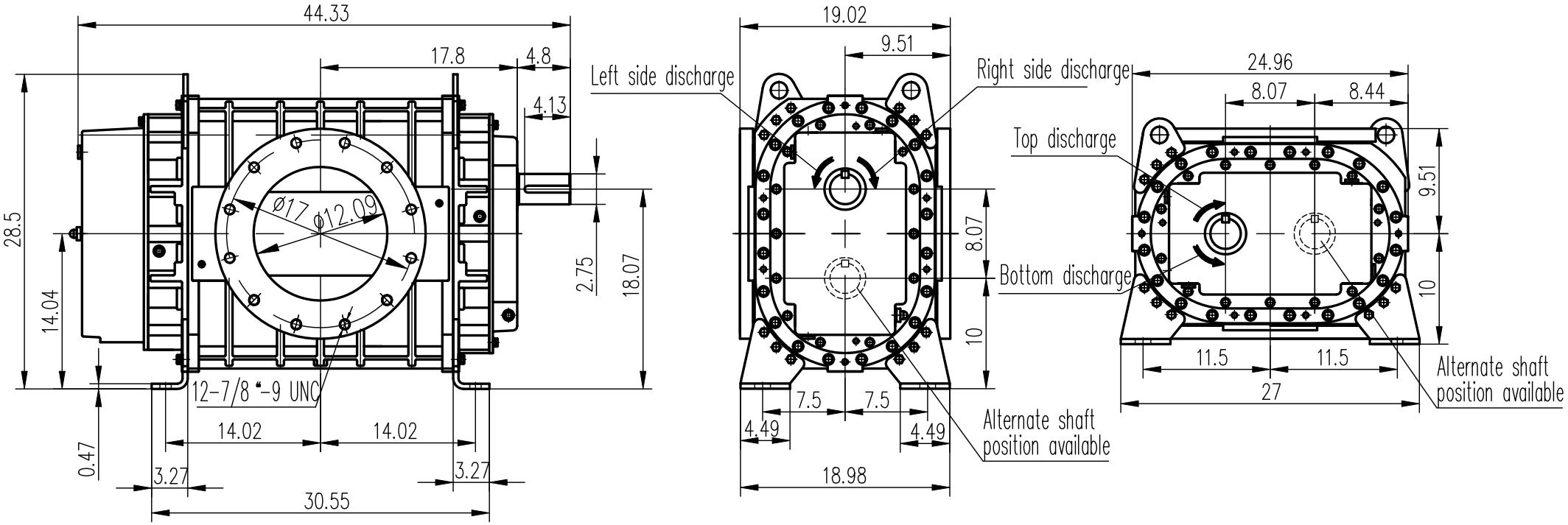
NOTES: 1、Pressure ratings based on inlet air standard pressure of 14.7 psia,standard temperature of 68°F,and specific gravity of 1.0.
2、Vacuum ratings based on inlet air at standard temperature of 68°F,discharge pressure of 30" Hg and specific gravity of 1.0.


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**Shandong Zhangqiu Blower Co., Ltd**
Est. 1968 - Blowers, Vacuum Pumps, Slurry Pumps
Factory > 1,000,000 ft² Production > 13,000/year
In-house foundry
ISO9001, ISO14001, GB/T28001 Quality Certifications

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All dimensions shown in inches