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DVSL 501B

AIR COOLED, OIL-FREE PERFORMANCE

The oil-free DVSL series vacuum pumps provide increased pumping efficiency for high vapor and particle pumping load applications.

The single lap scroll design of the DVSL series is simple, lower cost and has been proven with over 3 years of industrial experience.

This design removes all seals, shafts and bearings from the gas path for guaranteed hydrocarbon free performance.

Putting it all together, the DVSL series provides oil-free pumping for higher moisture and particle pumping applications in a proven design at an exceptional value.



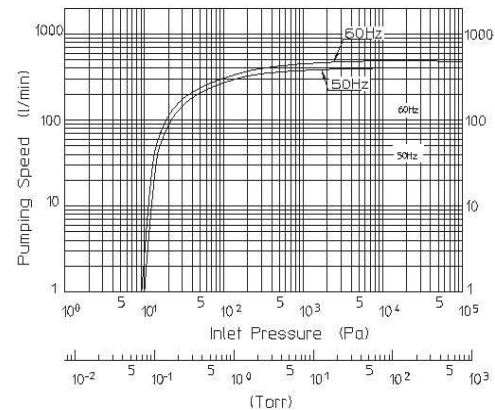
APPLICATIONS

- Vacuum Forming
- Deaerator
- Vacuum Chuck
- Regeneration
- Vacuum Cooling
- Vacuum Drying only for water based
- Ceramic Industry
- Gas Substitution
- Pumping for Electron Tube

FEATURES INCLUDE:

- Oil-free No Seals, Bearings or Shafts in Gas Path
- High Vapor & Particle Pumping Capacity
- Single Scroll Proven Design
- Compact Size
- Air Flush

Pumping Speed Curve DVSL 500B



SPECIFICATIONS

Displacement	430 liters/min 15.2 cfm @ 50 Hz operation 520 liters/min 18.4 cfm @ 60 Hz operation
Operating temperature range	5C to 40C
Ultimate Pressure	75 mTorr (10 Pa)
Motor Power Rating	1.1 kW / 0.8 hp
Voltage – 3 phase	200/460
Noise Level (with air flush)	68 db (A) without air flush: 65 db (A) at 1m
Weight	40 kg / 89 lbs
Dimensions	Inches: 14.9L x 9.5W x 9.3H mm: 19.5L x 12.25W x 11.75H
Inlet Connection	NW25
Outlet Connection	NW25
Water Handling	100+ g/day
Air Flush Flow Rate	1.02 l/min