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## DVSL 100B

### 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

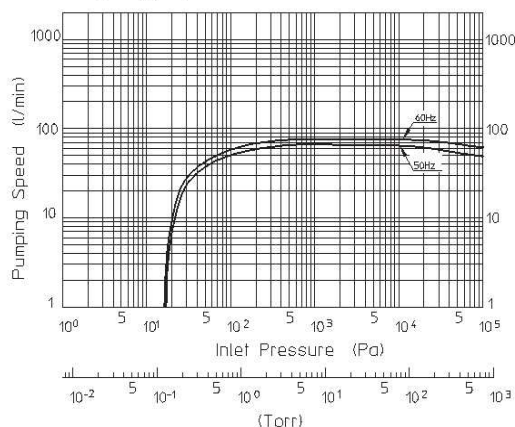
- Vacuum Forming
- Deaerator
- Vacuum Chuck
- Regeneration
- Vacuum Cooling
- Vacuum Drying only for water based
- Ceramic Industry
- Gas Substitution
- Pumping for Electron Tube

### 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 100B**



## SPECIFICATIONS

<b>Displacement</b>	100 liters/min 3.5 cfm @ 50 Hz operation 120 liters/min 4.2 cfm @ 60 Hz operation
<b>Operating temperature range</b>	5c to 40C
<b>Ultimate Pressure</b>	20 Pa (150x10 <sup>-3</sup> Torr)
<b>Motor Power Rating</b>	0.35 kW / 0.47 hp
<b>Voltage – 1 phase</b>	115/230 volts
<b>Noise Level (with air flush)</b>	68 db (A) <b>without air flush:</b> 59 db (A) at 1m
<b>Weight</b>	18.5 kg / 41 lbs
<b>Dimensions</b>	Inches: 14.9L x 9.5W x 9.3H mm: 378L x 240W x 236H
<b>Inlet Connection</b>	NW25
<b>Outlet Connection</b>	1.02 l/minNW16
<b>Water Handling</b>	100+ g/day
<b>Air Flush Flow Rate</b>	1.02 l/min

