

**Introducing the TITAN series
high efficiency, single-stage
liquid ring vacuum pump.**

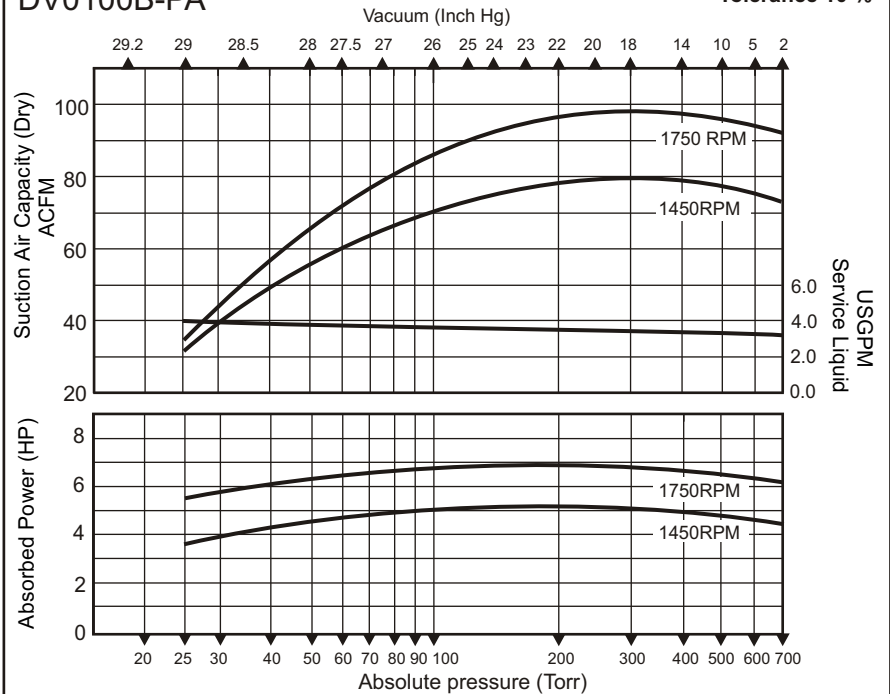
Why should you consider this vacuum pump for your application?

- ◆ Designed for heavy duty applications.
- ◆ 316 stainless steel impeller is standard.
- ◆ Sturdy bearing pedestal.
- ◆ Standard with roller bearing for V-belt drive applications.
- ◆ Manufactured to ISO 9001 standards.
- ◆ Low operating noise level.
- ◆ Heavy duty bearings mounted external to the pumping chamber.
- ◆ Features single face mechanical seal as standard.
- ◆ Virtually no maintenance is required.
- ◆ Pumps are available in different materials to suit your application.
- ◆ Capable of handling saturated gas mixtures.
- ◆ Capable of handling small amounts of liquids.
- ◆ Only one moving part.
- ◆ Can operate using various seal-fluids.



Performance characteristics
 Nominal capacity: 100CFM
 Motor: 60Hz/7.5HP/5.5kW
 50Hz/5.5HP/4kW
 Speed(RPM): 60Hz/1750
 50Hz/1450
 Max.vacuum: 29"Hg/25Torr
 Weight (excluding motor): 167Lbs/76kg
 Max. gas inlet temp: 212°F/100°C
 Max.noise level(at 3ft):74 dBA
Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.

DV0100B-PA



| Materials of construction/Seal code | | | | |
|-------------------------------------|----|----|-----------|--------|
| Mat.code | 1 | 2 | 3 | 4 |
| Casing | NA | NA | cast iron | 316 SS |
| Portplate | NA | NA | cast iron | 316 SS |
| Impeller | NA | NA | 316 SS | 316 SS |
| Shaft | NA | NA | 420 SS | 316 SS |
| Seal code | NA | NA | A* | B* |

A= standard mechanical seal with Viton elastomer
 B= standard mechanical seal with Teflon elastomer
 * = other seal materials available upon request.

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