

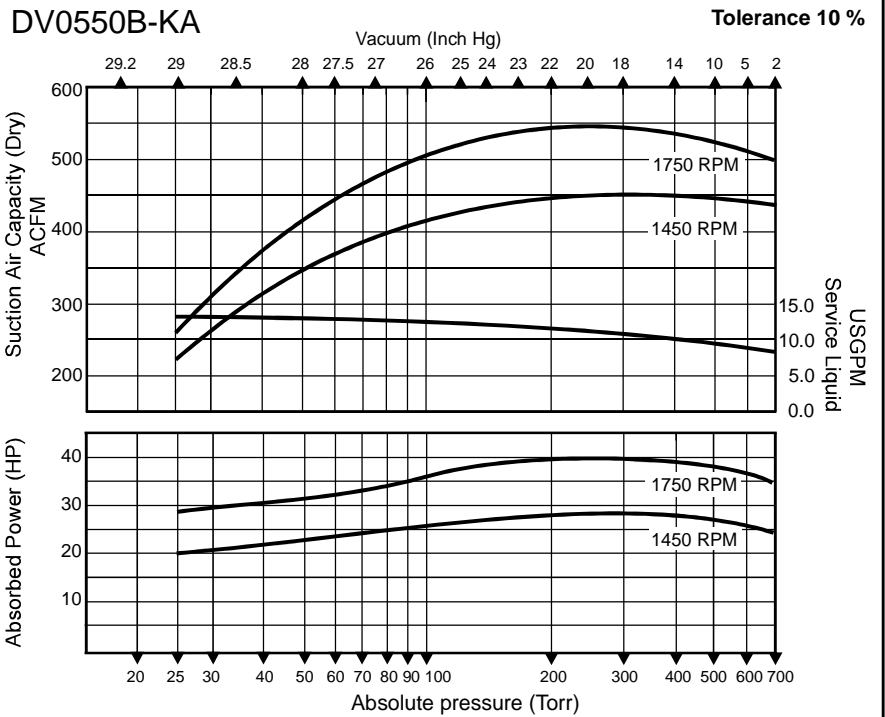
**Introducing the TITAN series high efficiency, single-stage liquid ring vacuum pump.**

Why should you consider this vacuum pump for your application?

- ◆ Designed for heavy duty applications.
- ◆ Manufactured to ISO 9001 standards.
- ◆ Low operating noise level.
- ◆ Heavy duty bearings mounted external to the pumping chamber.
- ◆ Features single face mechanical seals 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: 550CFM  
 Motor: 60Hz/40HP/30kW  
 50Hz/30HP/22kW  
 Speed(RPM): 60Hz/1750  
 50Hz/1450  
 Max.vacuum: 29"Hg/25Torr  
 Weight (excluding motor): 451Lbs/205kg  
 Max. gas inlet temp: 212°F/100°C  
 Max.noise level(at 3ft):78 dBA  
*Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.*



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

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

