

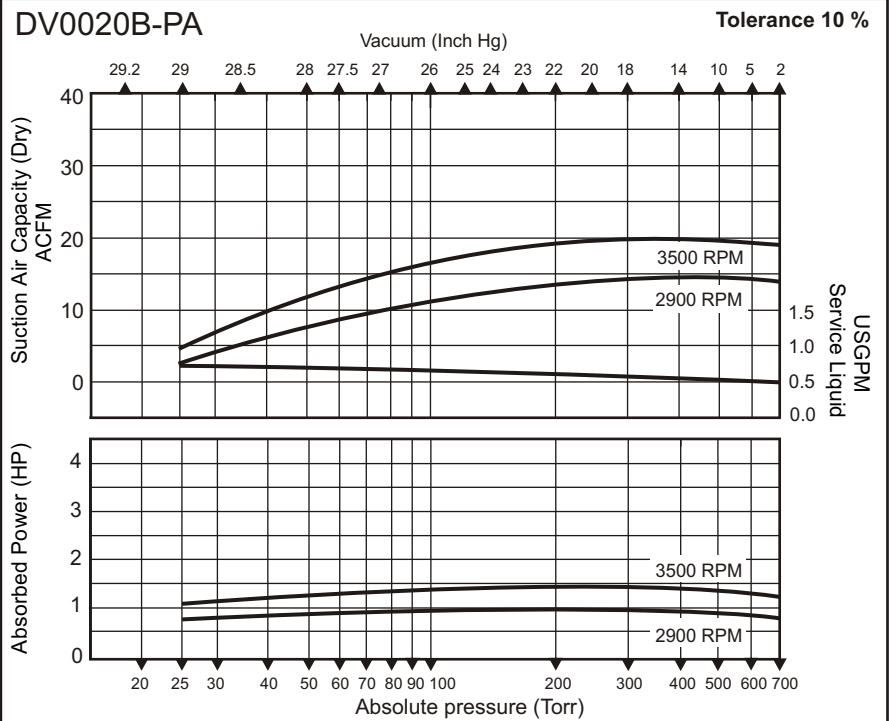
**Introducing the TITAN series
high efficiency, single-stage
liquid ring vacuum pump.**

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.

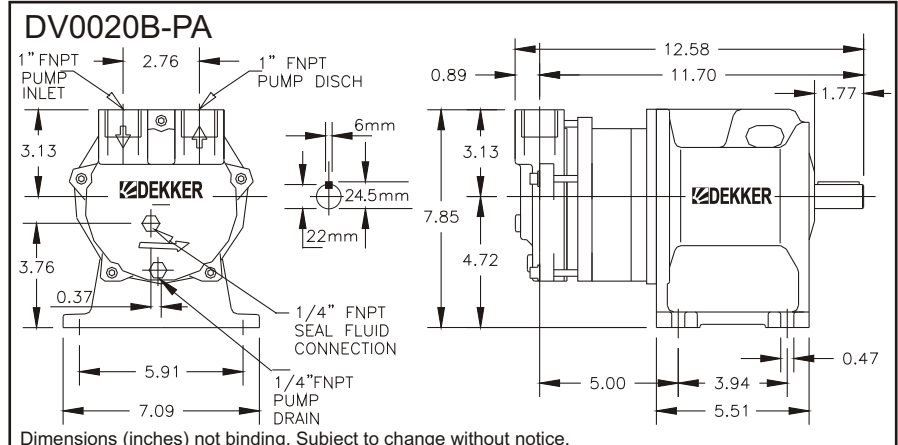


Performance characteristics
 Nominal capacity: 20CFM
 Motor: 60Hz/1.5HP/1.1kW
 50Hz/1HP/0.75kW
 Speed(RPM): 60Hz/3500
 50Hz/2900
 Max.vacuum: 29"Hg/25Torr
 Weight (excluding motor): 40Lbs/18kg
 Max. gas inlet temp: 212°F/100°C
 Max.noise level(at 3ft):68 dBA
Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.



Materials of construction/Seal code				
Mat.code	1	2	3	4
Casing	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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- ◆ Standard with roller bearing for V-belt drive applications.
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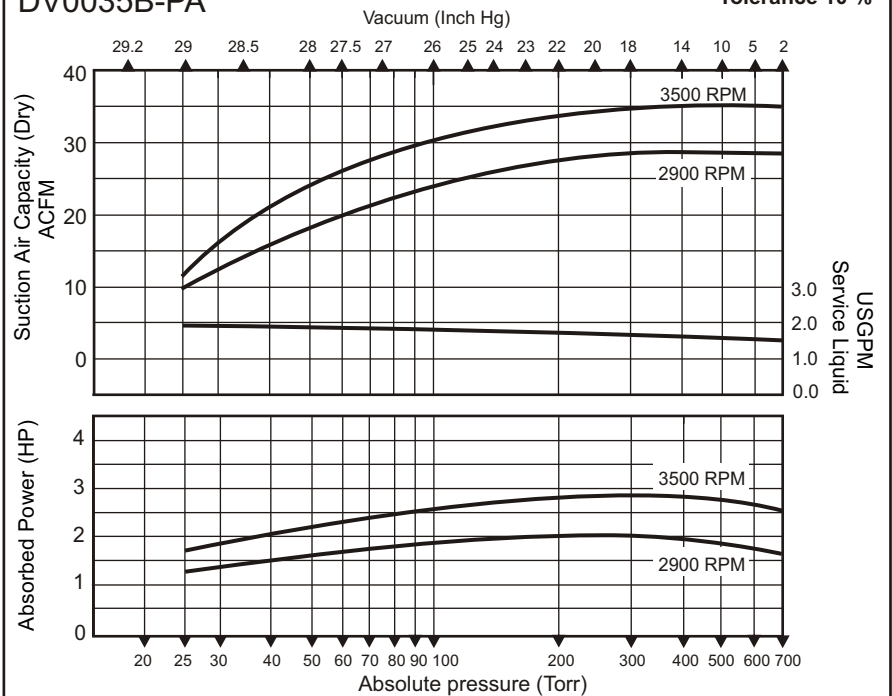


Performance characteristics

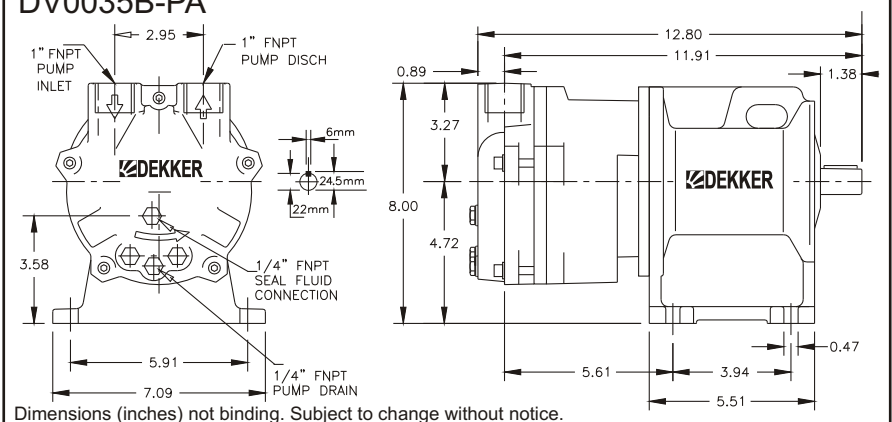
Nominal capacity:	35CFM
Motor:	60Hz/3HP/2.2kW 50Hz/2HP/1.5kW
Speed(RPM):	60Hz/3500 50Hz/2900
Max.vacuum:	29"Hg/25Torr
Weight (excluding motor):	52Lbs/24kg
Max. gas inlet temp:	212°F/100°C
Max.noise level(at 3ft):	70 dBA

Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.

DV0035B-PA



DV0035B-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*

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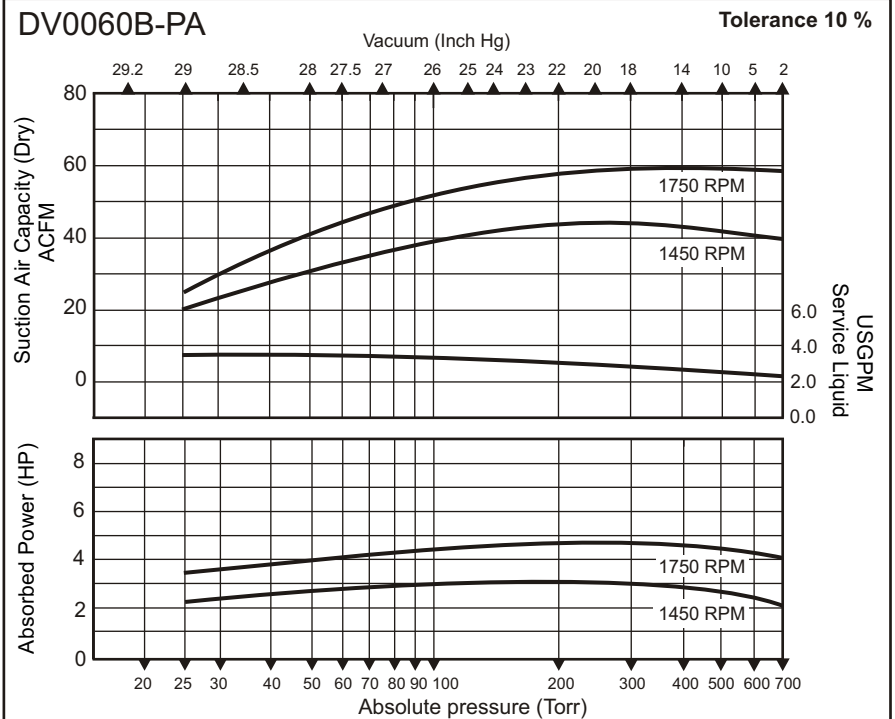
Why should you consider this vacuum pump for your application?

- ◆ 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: 60CFM
 Motor: 60Hz/5HP/4kW
 50Hz/3HP/2.2kW
 Speed(RPM): 60Hz/1750
 50Hz/1450
 Max.vacuum: 29"Hg/25Torr
 Weight (excluding motor): 160Lbs/73kg
 Max. gas inlet temp: 212°F/100°C
 Max.noise level(at 3ft):73 dBA
Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.

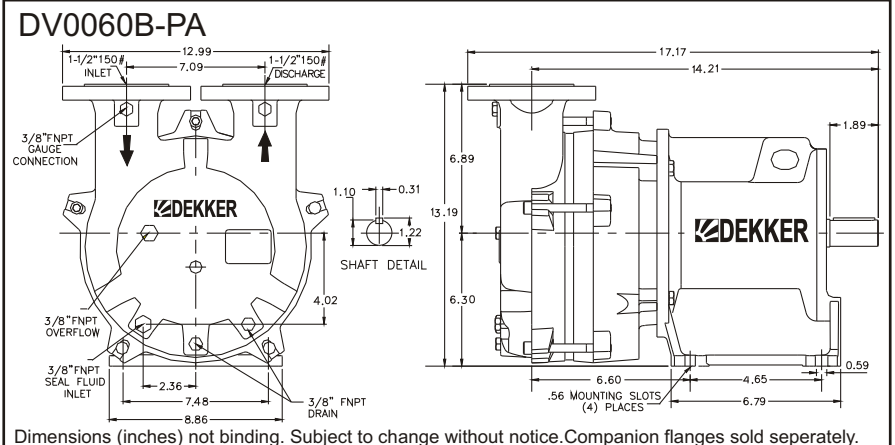
DV0060B-PA



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*

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DV0060B-PA



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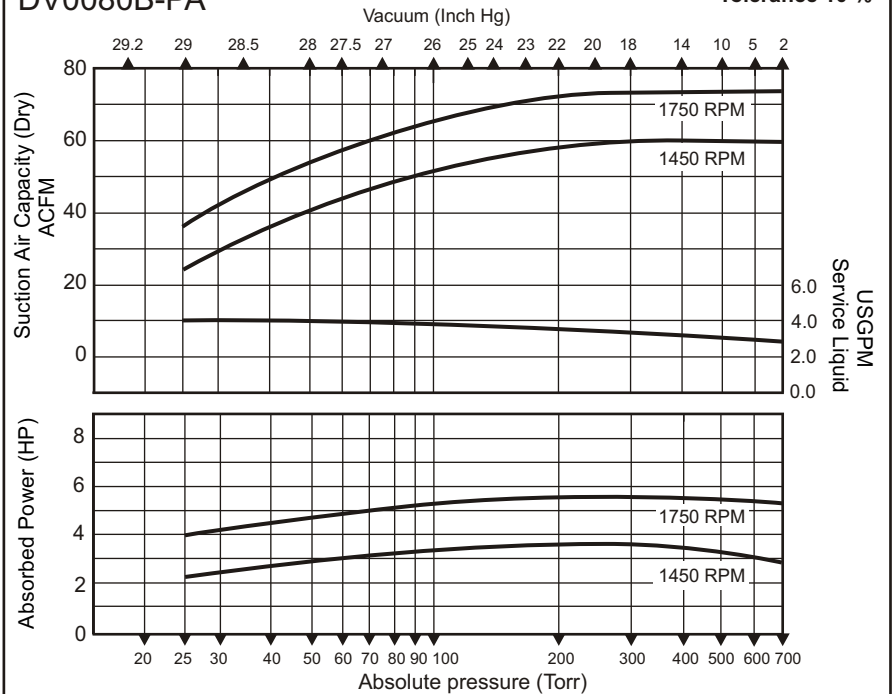
Why should you consider this vacuum pump for your application?

- ◆ 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.

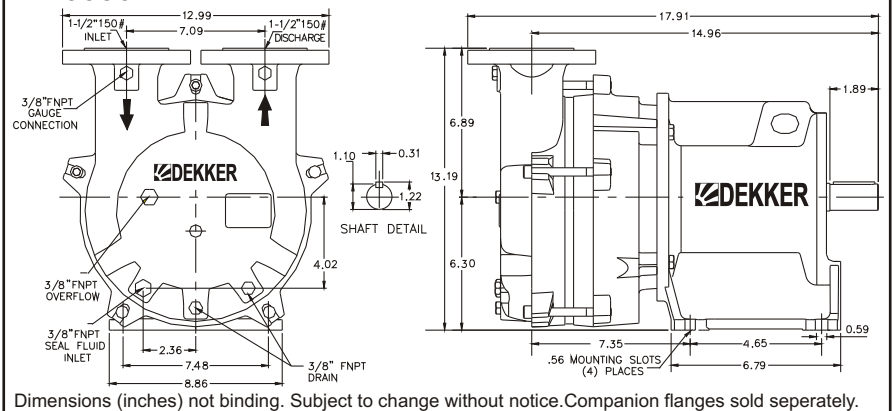


Performance characteristics
 Nominal capacity: 75CFM
 Motor: 60Hz/5HP/4kW
 50Hz/4HP/3kW
 Speed(RPM): 60Hz/1750
 50Hz/1450
 Max.vacuum: 29"Hg/25Torr
 Weight (excluding motor): 165Lbs/75kg
 Max. gas inlet temp: 212°F/100°C
 Max.noise level(at 3ft):73 dBA
Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.

DV0080B-PA



DV0080B-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*

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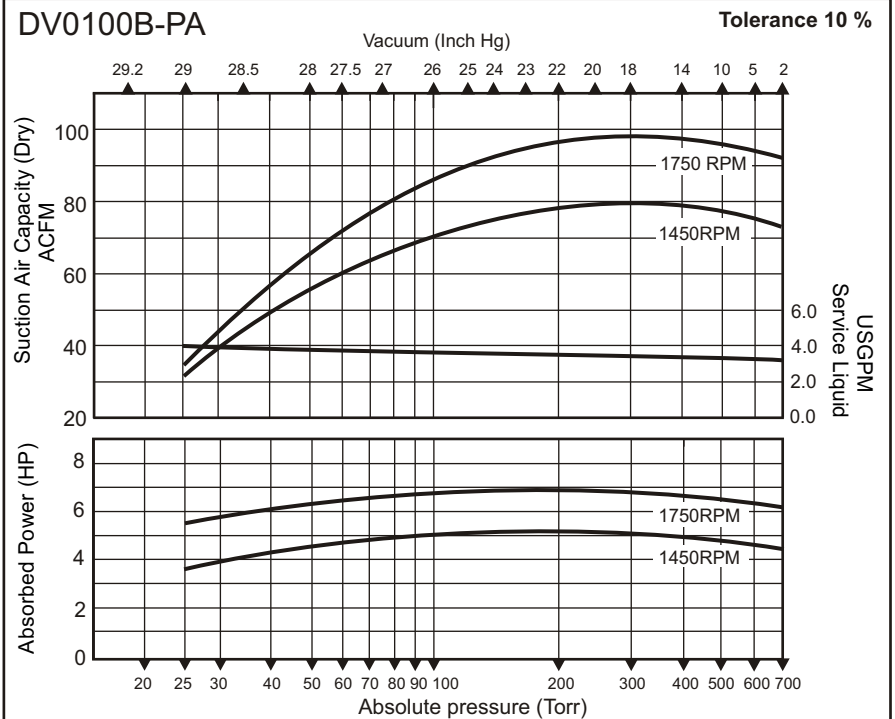
Why should you consider this vacuum pump for your application?

- ◆ 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.

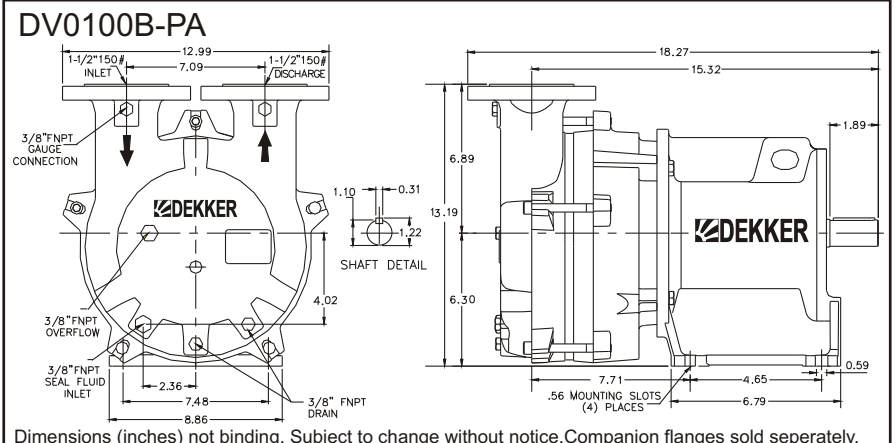
DV0100B-PA



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*

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DV0100B-PA



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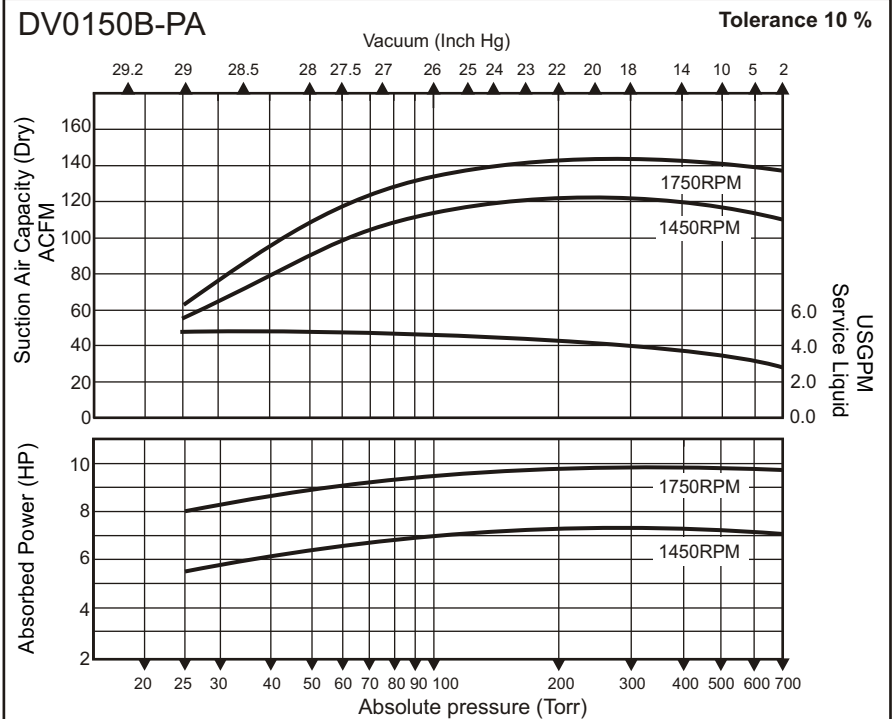
Why should you consider this vacuum pump for your application?

- ◆ 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: 150CFM
 Motor: 60Hz/10HP/7.5kW
 50Hz/7.5HP/5.5kW
 Speed(RPM): 60Hz/1750
 50Hz/1450
 Max.vacuum: 29"Hg/25Torr
 Weight (excluding motor): 231Lbs/105kg
 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.

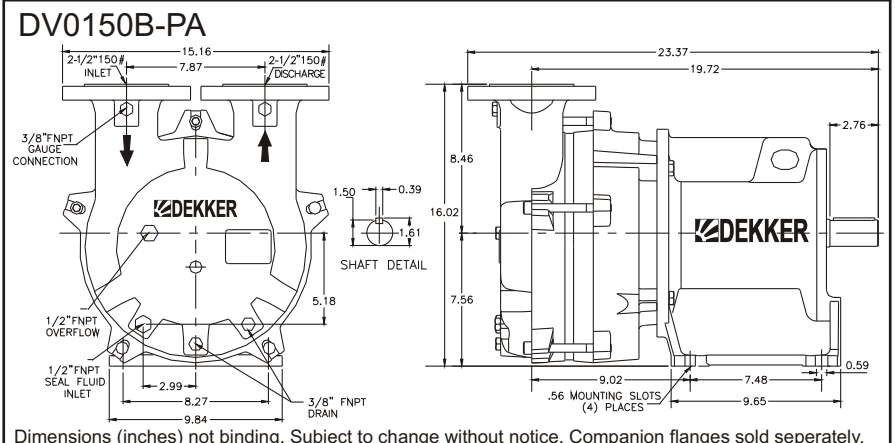
DV0150B-PA



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*

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DV0150B-PA



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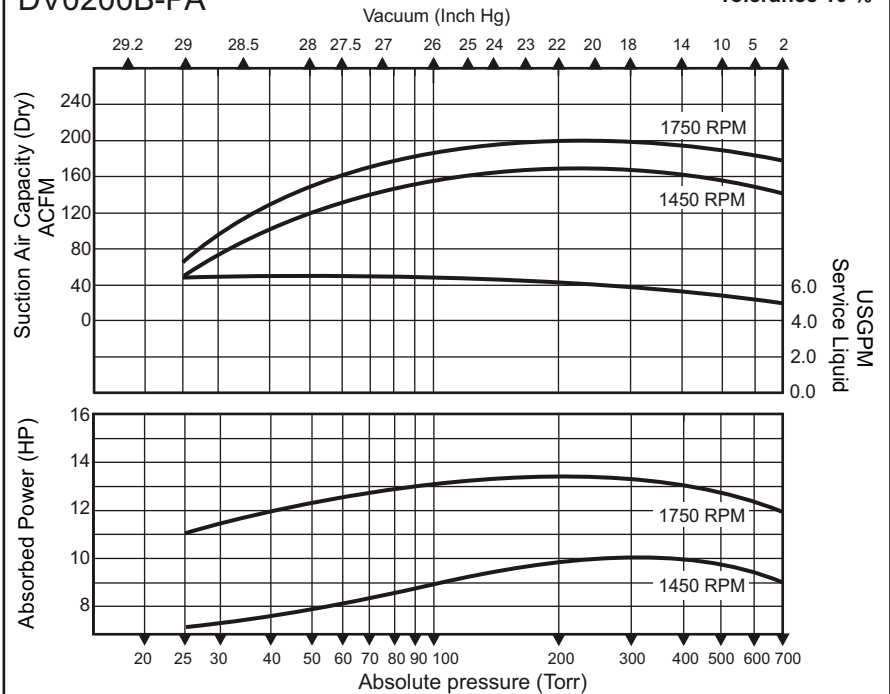
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- ◆ Sturdy bearing pedestal.
- ◆ Standard with roller bearing for V-belt drive applications.
- ◆ Manufactured to ISO 9001 standards.
- ◆ Low operating noise level.
- ◆ Heavy duty bearings mounted external to the pumping chamber.
- ◆ Features single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



Performance characteristics
 Nominal capacity: 200CFM
 Motor: 60Hz/15HP/11kW
 50Hz/10HP/7.5kW
 Speed(RPM): 60Hz/1750
 50Hz/1450
 Max.vacuum: 29"Hg/25Torr
 Weight (excluding motor): 251Lbs/114kg
 Max. gas inlet temp: 212°F/100°C
 Max.noise level(at 3ft):75 dBA
Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.

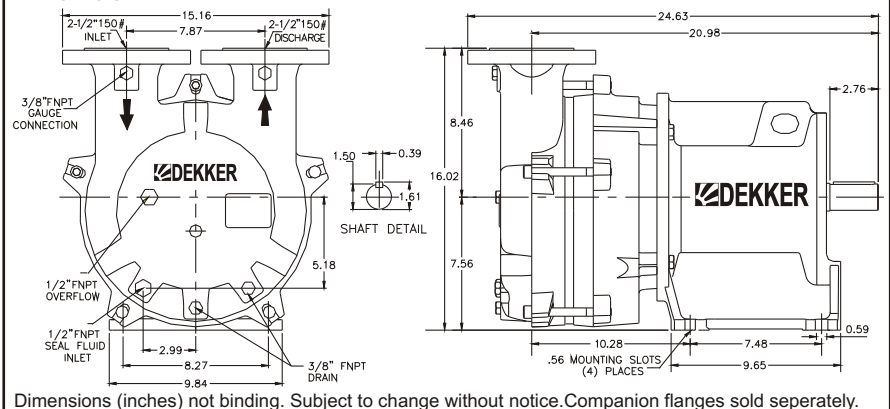
DV0200B-PA



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*

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DV0200B-PA



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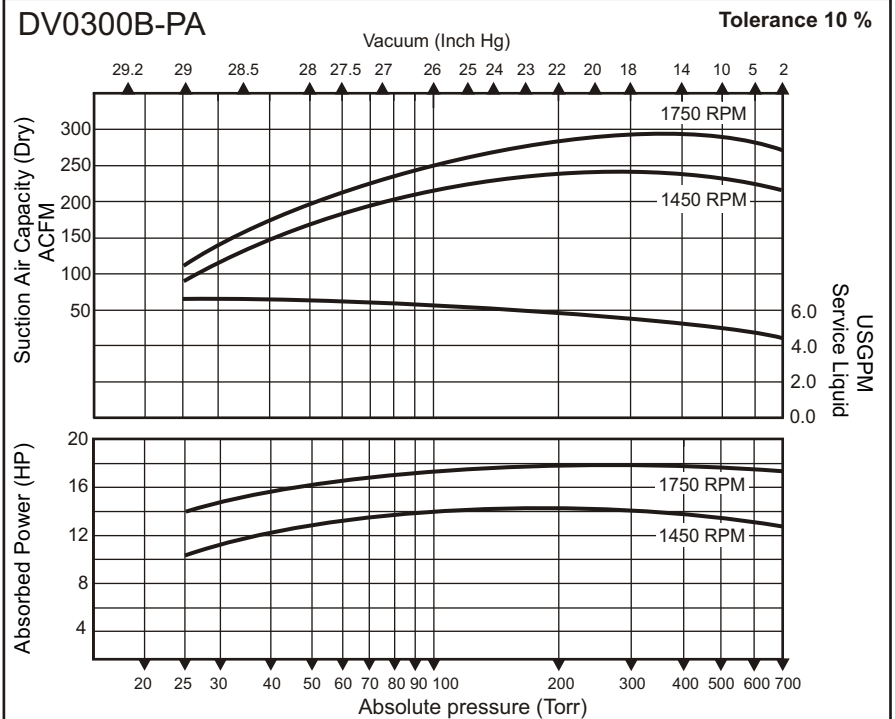
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- ◆ Manufactured to ISO 9001 standards.
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- ◆ Only one moving part.
- ◆ Can operate using various seal-fluids.



Performance characteristics
 Nominal capacity: 300CFM
 Motor: 60Hz/20HP/15kW
 50Hz/15HP/11kW
 Speed(RPM): 60Hz/1750
 50Hz/1450
 Max.vacuum: 29"Hg/25Torr
 Weight (excluding motor): 266Lbs/121kg
 Max. gas inlet temp: 212°F/100°C
 Max.noise level(at 3ft):75 dBA
Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.

DV0300B-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*

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DV0300B-PA

