

Two-stage vacuum pump DV0016B-DA

Presenting the **T*TAN** SERIES two-stage liquidring vacuum pump.

Why should you consider this vacuum pump for your application?

- Designed for heavy duty applications.
- Optional monoblock adaptor available, which utilizes NEMA C-face motors.
- 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.
- Capable of handling saturated gas mixtures.
- Capable of handling small amounts of liquids.
- Only one moving part.
- Can operate using various sealfluids.

Materials of construction/Seal code										
Mat.code	1	2	3	4						
Casing	NA	cast iron	NA	NA						
Portplate	NA	cast iron	NA	NA						
Impeller	NA	bronze	NA	NA						
Shaft	NA	420 SS	NA	NA						
Seal code	NA	A*	NA	NA						
A - standard resolvenical and with Vitar alectors.										

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

Performance characteristics

Nominal capacity: 15CFM Motor: 50Hz/1.5HP/1.1kW

60Hz/2HP/1.5kW Speed(RPM): 50Hz/2900

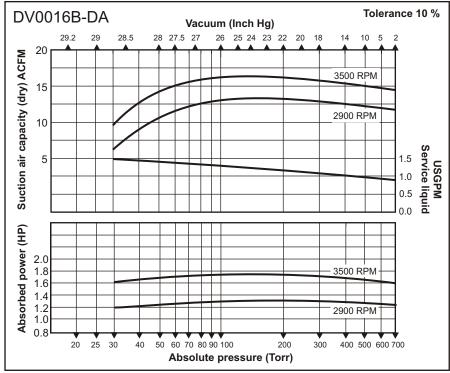
60Hz/3500

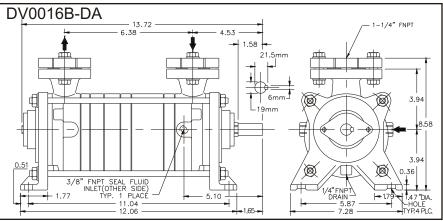
Max.vacuum: 28.7"Hg/30Torr Weight

(bare-shaft): 50Lbs/23kg

Max. gas inlet

temp: 212°F/100°C Max.noise level(at 3ft): 66dBA Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.







Two-stage vacuum pump DV0076B-DA

Presenting the **T*TAN** SERIES two-stage liquidring vacuum pump.

Why should you consider this vacuum pump for your application?

- Designed for heavy duty applications.
- Optional monoblock adaptor available, which utilizes NEMA C-face motors.
- Manufactured to ISO 9001standards.
- Low operating noise level.
- Heavy duty bearings mounted external to the pumping chamber.
- Features single face mechanical seals as standard.
- Double mechanical seals are available upon request.
- ♦ 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.

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*Monoblock shown is sold separately

Performance characteristics

Nominal capacity: 75CFM
Motor: 50Hz/4HP/3kW

60Hz/5HP/3.8kW Speed(RPM): 50Hz/1450

60Hz/1750

29"Hg/25Torr

Max.vacuum: Weight

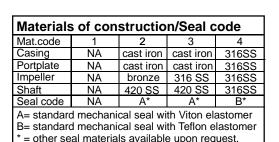
(bare-shaft): 148Lbs/67kg

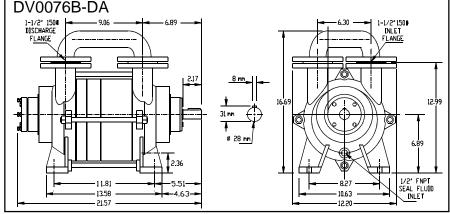
Max. gas inlet

temp: 212°F/100°C Max.noise level(at 3ft): 68dBA Performance based on dry air, seal-water temperature 60°F and atmospheric

pressure of 29.92"Hg.

DV	DV0076B-DA Vacuum (Inch Hg) Tolerance 10 %																					
	_	29.2	29		28.5	2	8 2	7.5	27	2	6 2	25 2	4 23	22	20	18		14	10	5	2 ♠	
Suction air capacity (dry) ACFM	80							\sqcup	4					_		4			-		-	
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n ai	20																				4.0	USGPM Service liquid
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ver (6																					
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rbed	2		-	7												-	_ 14	50 I	RPM	+		
Absorbed power (HP)	ŀ															4		+	+	F	1	
*	20 25 30 40 50 60 70 80 90 100 200 300 400 500 600 700																					
	Absolute pressure (Torr)																					







Two-stage vacuum pump DV0101B-DA

Presenting the T*TAN SERIES two-stage liquidring vacuum pump.

Why should you consider this vacuum pump for your application?

- Designed for heavy duty applications.
- Optional monoblock adaptor available, which utilizes NEMA C-face motors.
- Manufactured to ISO 9001standards.
- Low operating noise level.
- Heavy duty bearings mounted external to the pumping chamber.
- Features single face mechanical seals as standard.
- Double mechanical seals are available upon request.
- ♦ 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.

*Monoblock shown is sold separately

Performance characteristics
Nominal capacity: 100CFM

Motor: 50Hz/5HP/4kW 60Hz/7.5HP/5.5kW

Speed(RPM): 50Hz/1450 60Hz/1750

Max.vacuum: 29"Hg/25Torr

Weight

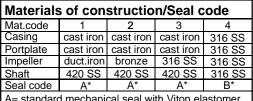
(bare-shaft): 154Lbs/70kg

Max. gas inlet

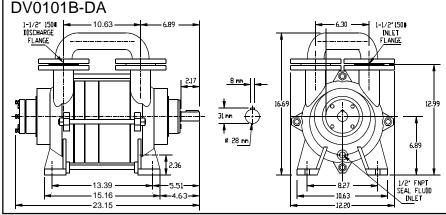
temp: 212°F/100°C Max.noise level(at 3ft):68 dBA Performance based on dry air, seal-water temperature 60°F and atmospheric

pressure of 29.92"Hg.

DV01	01B-	DA			Vac	uum	(Inch	Hg)			T	olera	nce	10 %
Suction air capacity (dry) ACFM 00 00 00 00	29.2	29	28.5	28 2	7.5 27	26	25 24	23 22	2 20	17	4 10 50 RP	M	6.0	USGPM Service liquid
Absorbed power (HP)	20	25 3	0 40		0 70 80					14	50 RP 50 RP	M	700	



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





Two-stage vacuum pump DV0141B-DA

Presenting the TiTAN SERIES two-stage liquidring vacuum pump.

Why should you consider this vacuum pump for your application?

- Designed for heavy duty applications.
- Optional monoblock adaptor available, which utilizes NEMA C-face motors.
- Manufactured to ISO 9001standards.
- Low operating noise level.
- Heavy duty bearings mounted external to the pumping chamber.
- Features single face mechanical seals as standard.
- Double mechanical seals are available upon request.
- ♦ 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: 140CFM

Motor: 50Hz/7.5HP/5.5kW 60Hz/10HP/7.5kW

Speed(RPM): 50Hz/1450

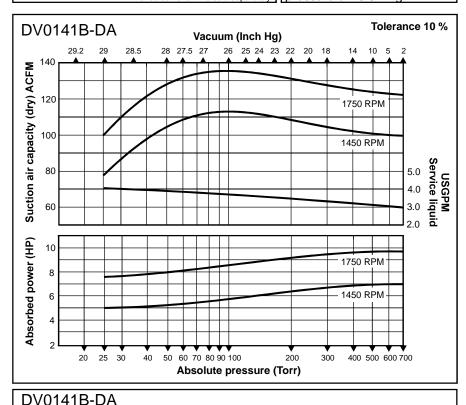
60Hz/1750 uum: 29"Hg/25Torr

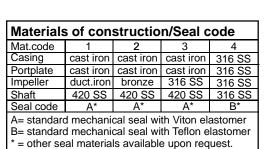
Max.vacuum: Weight

(bare-shaft): 172Lbs/78kg

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.





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Dimensions (inches) not binding. Subject to change without notice. Companion flanges NOT included.

1-1/2" 150# DISCHARGE



Two-stage vacuum pump DV0201B-DA

Presenting the T*TAN SERIES two-stage liquidring vacuum pump.

Why should you consider this vacuum pump for your application?

- Designed for heavy duty applications.
- Optional monoblock adaptor available, which utilizes NEMA C-face motors.
- Manufactured to ISO 9001standards.
- Low operating noise level.
- Heavy duty bearings mounted external to the pumping chamber.
- Features single face mechanical seals as standard.
- Double mechanical seals are available upon request.
- 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: 200CFM

50Hz/10HP/7.5kW Motor: 60Hz/15HP/11kW

Speed(RPM): 50Hz/1450 60Hz/1750

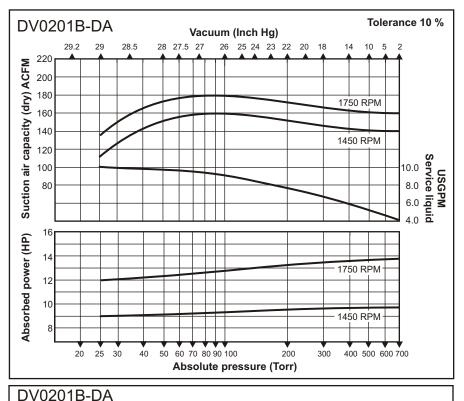
29"Hg/25Torr Max.vacuum:

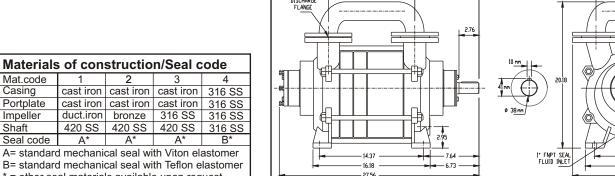
Weight

(bare-shaft): 290Lbs/132ka

Max. gas inlet

212°F/100°C temp: Max.noise level(at 3ft):73 dBA Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Ha.





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



Two-stage vacuum pump DV0251B-DA

Presenting the T*TAN SERIES two-stage liquidring vacuum pump.

Why should you consider this vacuum pump for your application?

- Designed for heavy duty applications.
- Optional monoblock adaptor available, which utilizes NEMA C-face motors.
- Manufactured to ISO 9001standards.
- Low operating noise level.
- Heavy duty bearings mounted external to the pumping chamber.
- Features single face mechanical seals as standard.
- Double mechanical seals are available upon request.
- ♦ 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: 250CFM

Motor: 50Hz/15HP/11kW 60Hz/20HP/15kW

Speed(RPM): 50Hz/1450 60Hz/1750

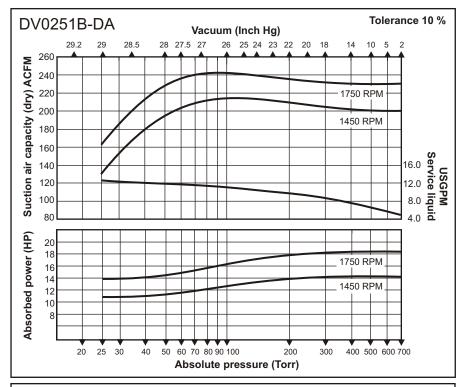
Max.vacuum: 29"Hg/25Torr

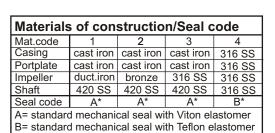
Weight

(bare-shaft): 315Lbs/143kg

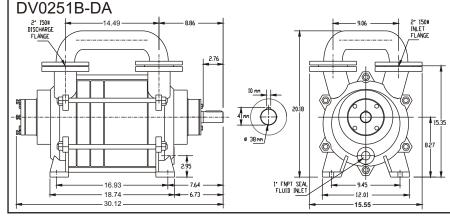
Max. gas inlet

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.





* = other seal materials available upon request.





Two-stage vacuum pump **DV0301B-DA**

Presenting the T*TAN SERIES two-stage liquidring vacuum pump.

Why should you consider this vacuum pump for your application?

- Designed for heavy duty applications.
- Optional monoblock adaptor available, which utilizes NEMA C-face motors.
- Manufactured to ISO 9001standards.
- Low operating noise level.
- Heavy duty bearings mounted external to the pumping chamber.
- Features single face mechanical seals as standard.
- Double mechanical seals are available upon request.
- 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.

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Performance characteristics Nominal capacity: 300CFM

50Hz/20HP/15kW Motor: 60Hz/25HP/18.5kW

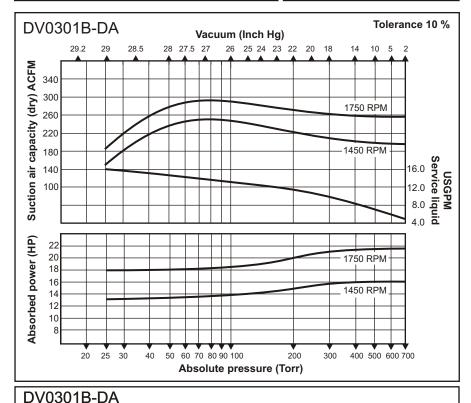
Speed(RPM): 50Hz/1450 60Hz/1750 29"Hg/25Torr

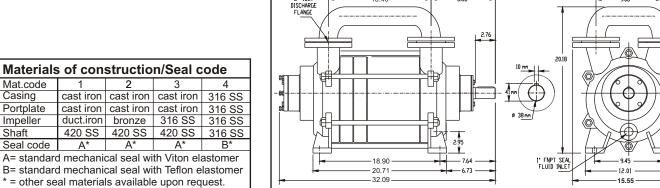
Max.vacuum: Weight

(bare-shaft): 330Lbs/150kg

Max. gas inlet

212°F/100°C temp: Max.noise level(at 3ft):74 dBA Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.





Seal code A= standard mechanical seal with Viton elastomer B= standard mechanical seal with Teflon elastomer



Two-stage vacuum pump DV0401B-DA

Presenting the **T*TAN** SERIES two-stage liquidring 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.
- Double mechanical seals are available upon request
- 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 sealfluids.

Materials of construction/Seal code									
Mat.code 1 2 3 4									
Casing	NA	cast iron	cast iron	316 SS					
Portplate	NA	cast iron	cast iron	316 SS					
Impeller	NA	bronze	316 SS	316 SS					
Shaft NA 420 SS 420 SS 316									
Seal code NA A* A* B*									
A= standard mechanical seal with Viton elastomer									

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

Performance characteristics
Nominal capacity: 400CFM

Motor: 50Hz/25HP/18.5kW 60Hz/40HP/30kW

Speed(RPM): 50Hz/1450 60Hz/1750

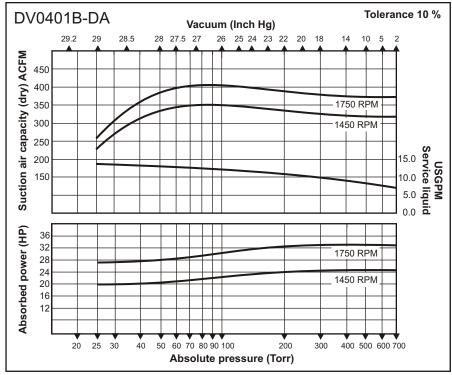
Max.vacuum: 29"Hg/25Torr

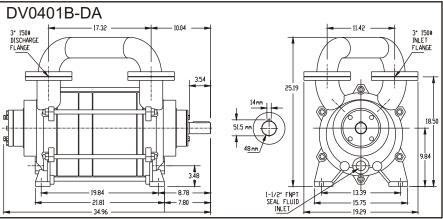
Weight

(bare-shaft): 495Lbs/225kg

Max. gas inlet

temp: 212°F/100°C Max.noise level(at 3ft):79 dBA Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.







Two-stage vacuum pump DV0501B-DA

Presenting the **T*TAN** SERIES two-stage liquidring 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.
- Double mechanical seals are available upon request
- 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 sealfluids.

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Materials of construction/Seal code									
Mat.code 1 2 3 4									
Casing	NA	cast iron	cast iron	316 SS					
Portplate	NA	cast iron	cast iron	316 SS					
Impeller	NA	bronze	316 SS	316 SS					
Shaft	NA	420 SS	420 SS	316 SS					
Seal code	NA	A*	A*	B*					
A - standard machanical and with Vitan electomer									

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

Performance characteristics
Nominal capacity: 500CFM

Motor: 50Hz/40HP/30kW 60Hz/50HP/37kW

Speed(RPM): 50Hz/1450 60Hz/1750

Max.vacuum: 29"Hg/25Torr

Weight

(bare-shaft): 539Lbs/245kg

Max. gas inlet

temp: 212°F/100°C Max.noise level(at 3ft):79 dBA Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.

