

# Motor-mounted vacuum pump DV0006B-MA

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

Why should you consider this vacuum pump for your application?

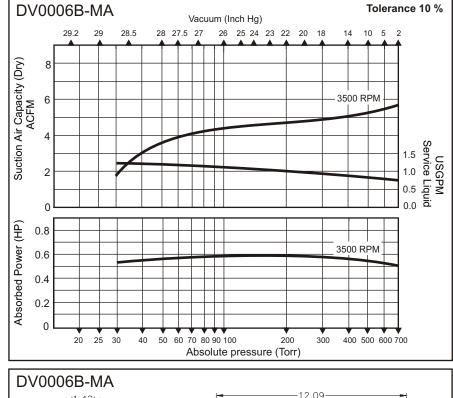
- Designed for heavy duty applications.
- Manufactured to ISO 9001 standards.
- Low operating noise level.
- Features single face mechanical seal as standard.
- Virtually no maintenance is required.
- Compact design results in small footprint design.
- Capable of handling saturated gas mixtures.
- Capable of handling small amounts of liquids.
- Only one moving part.
- Can operate using various sealfluids.

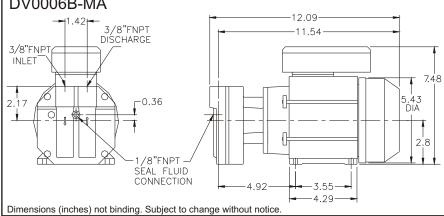
Materials of construction/Seal code				
Mat.code	1	2	3	5
Casing	NA	NA	NA	bronze
Portplate	NA	NA	NA	316 SS
Impeller	NA	NA	NA	bronze
Shaft	NA	NA	NA	420 SS
Seal code	NA	NA	NA	A*
A= standard B= standard * = other se	d mechani	cal seal wi	th Teflon e	lastomer



Performance characteristics Nominal capacity: 6CFM Motor: 0.75HP Speed: 3500RPM Max. vacuum: 28.5"Hg/35Torr Weight (including motor): 24Lbs/11kg 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.





935 SOUTH WOODLAND AVENUE, MICHIGAN CITY, IN 46360-5672 TOLL-FREE: 888-925-5444 TEL.: 219-861-0661 FAX: 219-861-0662 Please visit our Website at Page number www.dekkervacuum.com 5-095

Reference 0307/4/ado



# Motor-mounted vacuum pump DV0020B-MA

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

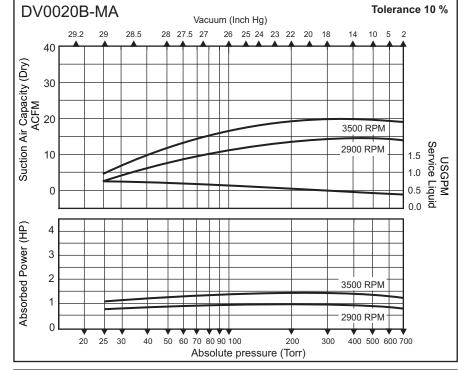
Why should you consider this vacuum pump for your application?

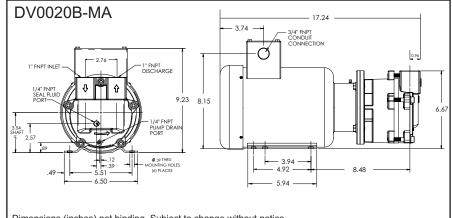
- Designed for heavy duty applications.
- ♦ 316 stainless steel impeller is standard.
- Features economical UL/CSA EPACTcompliant motor-mounted design.
- Manufactured to ISO 9001 standards.
- Low operating noise level.
- Features single face mechanical seal as standard.
- Virtually no maintenance is required.
- Compact design results in small footprint design.
- 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	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 B= standard * = other se	d mechani	cal seal wi	th Teflon e	lastomer



Performanc	e characteristics
Nominal cap	acity: 20CFM
Motor: 6	0Hz/1.5HP/1.1kW
	50Hz/1HP/0.75kW
Speed(RPM	): 60Hz/3500
	50Hz/2900
Max.vacuun	n: 29"Hg/25Torr
Weight (incl	uding
motor):	64Lbs/29kg
Max. gas inl	et
temp:	212°F/100°C
Max.noise le	evel(at 3ft):68 dBA
Performance	e based on dry
air, seal-wat	er temperature
60°F and atr	nospheric
pressure of	29.92"Hg.





Dimensions (inches) not binding. Subject to change without notice

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# Motor-mounted vacuum pump DV0035B-MA

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

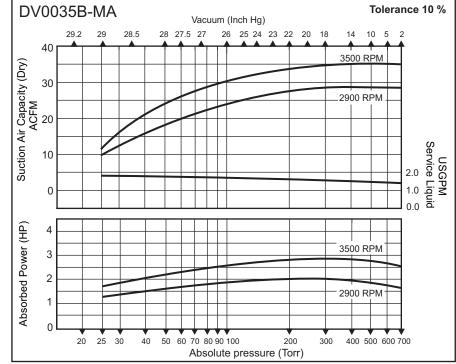
Why should you consider this vacuum pump for your application?

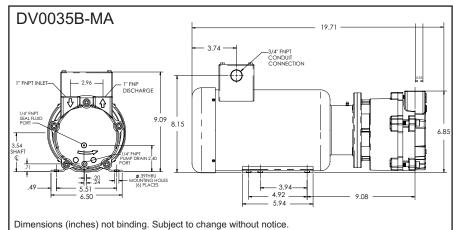
- Designed for heavy duty applications.
- ♦ 316 stainless steel impeller is standard.
- Features economical UL/CSA EPACTcompliant motor-mounted design.
- Manufactured to ISO 9001 standards.
- Low operating noise level.
- Features single face mechanical seal as standard.
- Virtually no maintenance is required.
- Compact design results in small footprint design.
- 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	NA	cast iron		
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*	
B= standard	Seal code NA A* B*   A= standard mechanical seal with Viton elastomer B= standard mechanical seal with Teflon elastomer   * = other seal materials available upon request. **				



Performanc	e characteristics
Nominal cap	acity: 35CFM
Motor:	60Hz/3HP/2.2kW
	50Hz/2HP/1.5kW
Speed(RPM)	: 60Hz/3500
	50Hz/2900
Max.vacuum	: 29"Hg/25Torr
Weight (inclu	ding
motor):	78Lbs/35kg
Max. gas inle	et
temp:	212°F/100°C
Max.noise le	vel(at 3ft):70 dBA
Performance	based on dry
air, seal-wate	er temperature
60°F and atm	nospheric
pressure of 2	29.92"Hg.





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# Motor-mounted vacuum pump DV0060B-MA

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

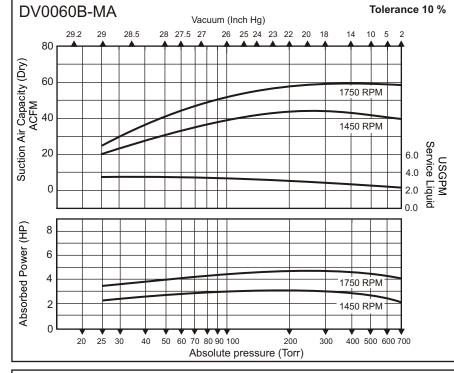
Why should you consider this vacuum pump for your application?

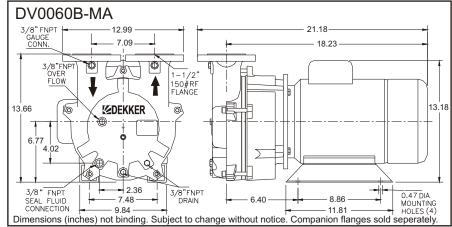
- Designed for heavy duty applications.
- 316 stainless steel impeller is standard.
- Features economical UL/CSA EPACTcompliant motor-mounted design.
- Manufactured to ISO 9001 standards.
- Low operating noise level.
- Features single face mechanical seal as standard.
- Virtually no maintenance is required.
- Compact design results in small footprint design.
- 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	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 B= standard * = other se	d mechani	cal seal wi	th Teflon e	lastomer

ES, INC.

Performance characteristics Nominal capacity: 60CFM Motor: 60Hz/5.5HP/4kW 50Hz/4HP/3kW Speed(RPM): 60Hz/1750 50Hz/1450 29"Hg/25Torr Max.vacuum: Weight (including motor): 210Lbs/95kg 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.





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# Motor-mounted vacuum pump DV0080B-MA

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

Why should you consider this vacuum pump for your application?

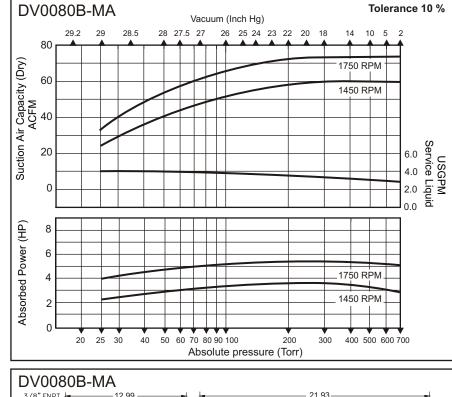
- Designed for heavy duty applications.
- 316 stainless steel impeller is standard.
- Features economical UL/CSA EPACTcompliant motor-mounted design.
- Manufactured to ISO 9001 standards.
- Low operating noise level.
- Features single face mechanical seal as standard.
- Virtually no maintenance is required.
- Compact design results in small footprint design.
- Capable of handling saturated gas mixtures.
- Capable of handling small amounts of liquids.
- Only one moving part.
- Can operate using various sealfluids.

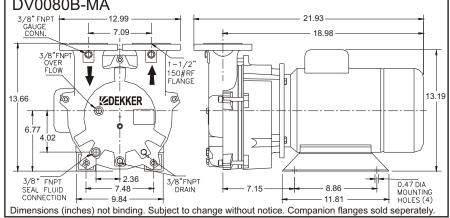
Materials of construction/Seal code				
Mat.code	1	2	3	4
Casing	NA	NA	cast iron	316 SS
Portplate	NA	NA	cast iron	316 SS
Impeller	NA	NA	316 SS	316 SS
Shaft	NA	NA	420 SS	316 SS
Seal code	NA	NA	A*	B*
A= standard mechanical seal with Viton elastomer				
B= standard mechanical seal with Teflon elastomer				
* = other se	al materia	ls available	e upon req	uest.

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Performance characteristics Nominal capacity: 75CFM Motor: 60Hz/5.5HP/4kW 50Hz/4HP/3kW Speed(RPM): 60Hz/1750 50Hz/1450 29"Hg/25Torr Max.vacuum: Weight (including motor): 232Lbs/105kg 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.





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# Motor-mounted vacuum pump DV0100B-MA

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

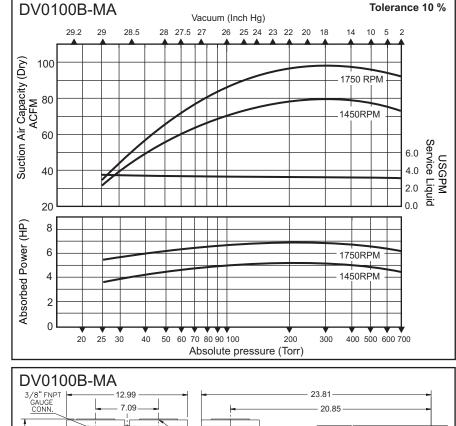
Why should you consider this vacuum pump for your application?

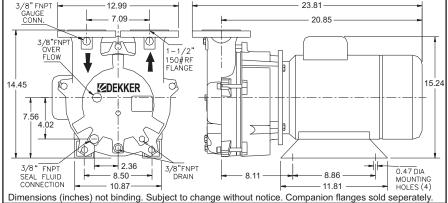
- Designed for heavy duty applications.
- ♦ 316 stainless steel impeller is standard.
- Features economical UL/CSA EPACTcompliant motor-mounted design.
- Manufactured to ISO 9001 standards.
- Low operating noise level.
- Features single face mechanical seal as standard.
- Virtually no maintenance is required.
- Compact design results in small footprint design.
- 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	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*	
B= standard	Seal code NA A* B*   A= standard mechanical seal with Viton elastomer B= standard mechanical seal with Teflon elastomer   * = other seal materials available upon request. **				



Performa	nce ch	naracteristics
Nominal c	apacity	y: 100CFM
Motor:	60Hz	2/7.5HP/5.5kW
	50H	Hz/5.5HP/4kW
Speed(RF	PM):	60Hz/1750
	,	50Hz/1450
Max.vacu	um:	29"Hg/25Torr
Weight (in	cluding	g
motor):	2	266Lbs/120kg
Max. gas	inlet	_
temp:		212°F/100°C
Max.noise	e level(a	at 3ft):74 dBA
Performar	ice bas	sed on dry
air, seal-w	ater te	emperature
60°F and a		
pressure o	of 29.9	2"Hg.





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Reference 1110/7/smb

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# Motor-mounted vacuum pump DV0150B-MA

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

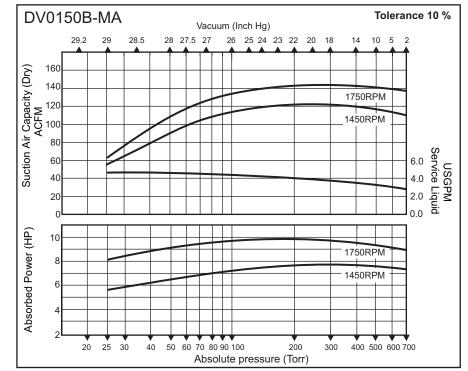
Why should you consider this vacuum pump for your application?

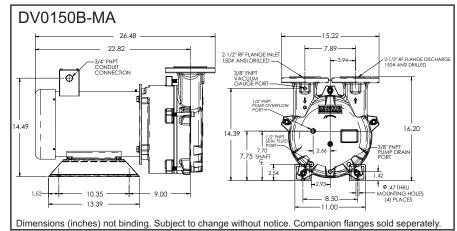
- Designed for heavy duty applications.
- ♦ 316 stainless steel impeller is standard.
- Features economical UL/CSA EPACTcompliant motor-mounted design.
- Manufactured to ISO 9001 standards.
- Low operating noise level.
- Features single face mechanical seal as standard.
- Virtually no maintenance is required.
- Compact design results in small footprint design.
- 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	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 B= standard * = other se	d mechani	cal seal wi	th Teflon e	lastomer



ristics
0CFM
7.5kW
5.5kW
/1750
z/1450
25Torr
/138kg
100°C
4 dBA
dry
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