

## Product-Information

### TRIVAC D 16 B-DOT

Two-Stage Rotary Vane

Vacuum PumpCat. No.: 11406



## Product-Description

The TRIVAC B-DOT pumps operate with brake fluid (DOT 4) as the sealing and lubricating agent. Therefore these pumps are equipped with EPDM seals. EPDM is highly compatible with brake fluid.

As to the D 8 B-DOT, D 25 B-DOT and D 40 B-DOT please ask us for a quotation.

### Advantages to the User

- Matching exhaust filters with EPDM gaskets (AF-DOT)
- Except for the seals and the operating agent the TRIVAC B-DOT pumps are identical to the oil-sealed TRIVAC B pumps

### Typical Applications

- For filling of brake fluid

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circuits in the automotive industry

#### Supplied Equipment

- Oil fill

screws have been screwed out and are included separately  
(European pumps only)

- Pump is supplied in an

air-tight bag containing silica gel (European pumps only)• The remaining quantity of brake fluid (0.7 l) is  
supplied separately in a bottle

3-ph. Motor, 230/400 V, 50 Hz /250/440 V, 60 Hz

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Description	Unit	Value
Brake fluid filling max.	l	1
Brake fluid filling min.	l	0
Intake and exhaust connection	DN	25 KF
Motor protection	(Leer)	IP 54
Motor rating	W	550
Noise level DIN 45 635 without - with gas ballast	dB(A)	52 - 52
Nominal current 50/60 Hz	A	3,2 - 1,85 - 2,8 - 1,6
Nominal pumping speed 50 Hz according to DIN 28 400	m <sup>3</sup> /h	18
Nominal pumping speed 60 Hz according to DIN 28 400	m <sup>3</sup> /h	22
Nominal speed 50/60 Hz	1/min	1500 - 1800
Nominal voltage 50/60 Hz	V	230 - 400 - 250 - 440
Pumping speed 50/60 Hz according to DIN 28 400	m <sup>3</sup> /h	16,5 - 19,8
Ultimate total pressure with gas ballast DIN 28 400	mbar	< 9E-1
Ultimate total pressure without gas ballast DIN 28 400	mbar	< 6E-1
Voltage range	V	218-242 - 380-420 - 240-265 - 415-460
Voltage tolerance	%	+ - - 5
Water vapor capacity	g/h	259
Water vapor tolerance DIN 28 400	mbar	25
Weight	kg	26

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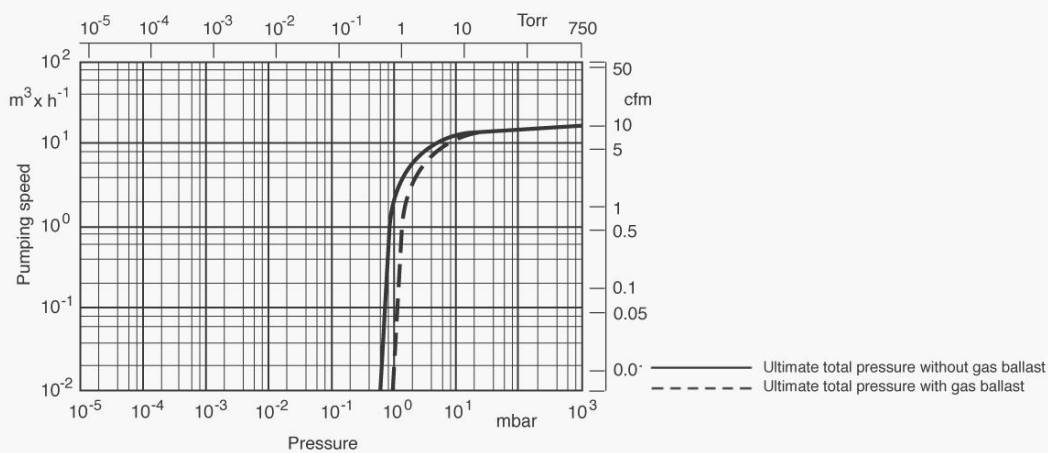
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**Saugvermögenskurve**

Pumping speed characteristics at 50 Hz



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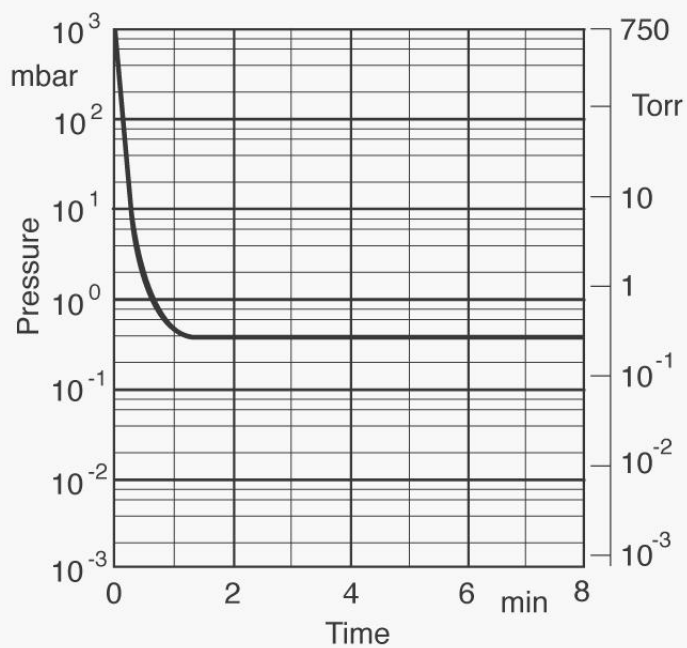
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**Auspumpzeitkurve**

Pump-down characteristics of a 10 l vessel at 50 Hz



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**Maßwerte-Tabelle**

Type	DN		a	b	b <sub>1</sub>	b <sub>2</sub>	c	h	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	l	m	n	o
D 16 B-DOT (Part No. 114 06/10)	25 KF	mm	82	190	175	150	135	298	250	226	265	482	280	140	132
		in.	3.23	7.48	6.89	5.91	5.31	11.7	9.84	8.90	10.4	19	11	5.51	5.20

**Technische Zeichnung**

