

TRIVAC D 40B

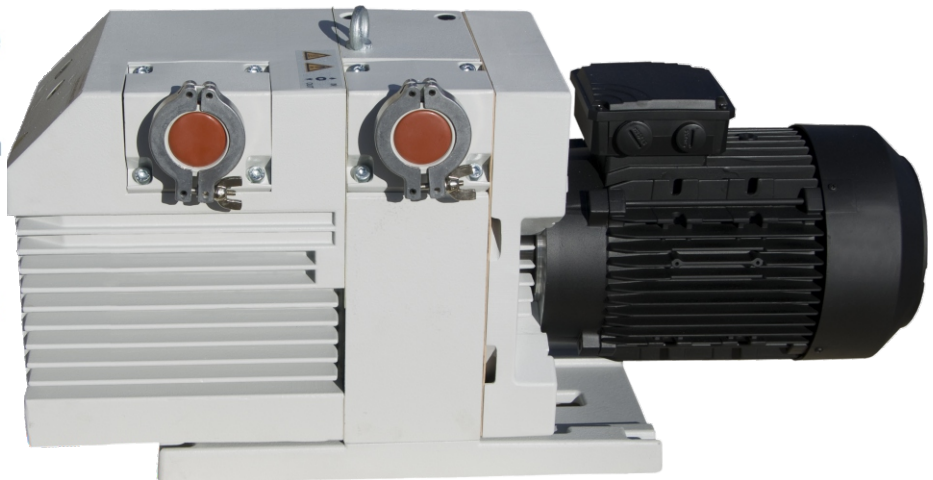
32.5 CFM

2 stage rotary vane vacuum pump

The Trivac B is the logical step ahead within the well-proven TRIVAC concept. Here the performance and the characteristics of the pumps have been adapted without compromise to market requirements. The TRIVAC-B pumps with their comprehensive range of accessories have proven themselves time and again as rugged pumps in many and varied applications.

The pump body is assembled from individual parts without sealing components. The parts are pinned in order to ensure easy disassembly and reassembly of the parts.

All pumps from the D 4 B to the D 25 B model are equipped either with single-phase AC or three-phase AC motors. D 40 - 65 B models are equipped with three-phase motors. Moreover, all pumps of the B series are available also without the motor.



3 phase - Part No. P102306

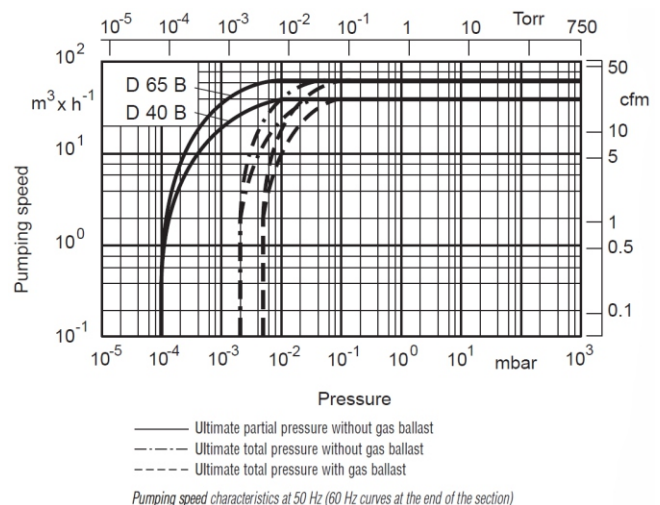


Technical Data

		50hz	60hz
Nominal pumping speed ¹⁾	m ³ x h ⁻¹ (cfm)	46 (27)	55 (32.5)
Pumping speed ¹⁾	m ³ x h ⁻¹ (cfm)	40 (24)	48 (28)
Ultimate partial pressure without gas ballast ¹⁾	mbar (Torr)	10 ⁻⁴ (0.75 x 10 ⁻⁴)	
Ultimate total pressure without gas ballast ¹⁾	mbar (Torr)	< 2 x 10 ⁻³ (< 1.5 x 10 ⁻³)	
Ultimate total pressure with gas ballast ¹⁾	mbar (Torr)	< 5 x 10 ⁻³ (< 3.8 x 10 ⁻³)	
Water vapor tolerance ¹⁾	mbar (Torr)	40 (30)	
Water vapor capacity	gm/h	1184	
Oil filling, min./max.	l (qt)	1.7 / 2.6 (1.8 / 2.7)	
Noise level * to DIN 45 635, without/with gas ballast	dB(A)	57/59	
Admissible ambient temperature	°C (°F)	12 - 40 (54 - 104)	
Motor rating *	W (HP)	2200 (3)	
Nominal speed	rpm	1420	1720
Type of protection	IP	54	
Weight*	kg (lbs)	68 (150)	
Connections, Intake and Exhaust	DN	40 KF	

1) To DIN 28 400 and following numbers

Pumping Curves



Leybold Trivac D B Large Series Pumps



Model	CFM	Price
D40B	32.5	CALL
D65B	53	CALL

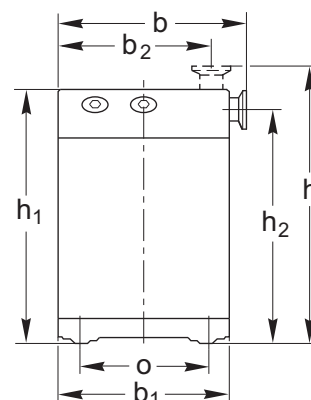
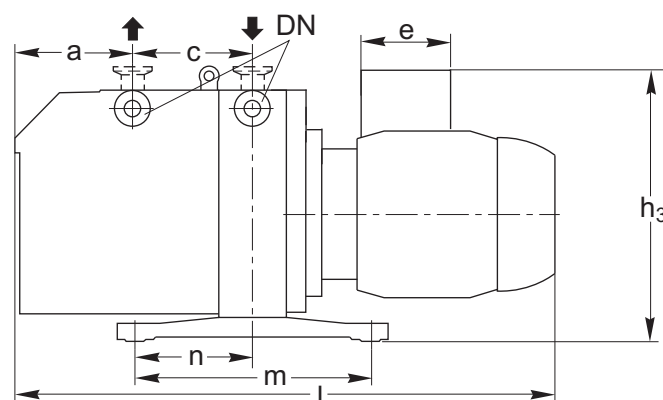


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Dimensions

oerlikon
leybold vacuum



* Depending on the motor

USA pumps max. length
D 40 B 760 mm (30")
D 65 B 840 mm (33.1")

Type	DN	a	b	b ₁	b ₂	c	e	h	h ₁	h ₂	h ₃	l	m	n	o
D 40 B (Part No. 112 86)	40 KF mm	135	264	234	206	166	111	355	336	308	302	676	382	191	190
	in.	5.32	10.39	9.21	8.11	6.54	4.37	13.98	13.23	12.13	11.89	26.61	15.04	7.52	7.48
D 40 B (Part No. 113 45)	40 KF mm	135	264	234	206	166	u. r.	u. r.	u. r.	u. r.	u. r.	u. r.	382	191	190
	in.	5.32	10.39	9.21	8.11	6.54	u. r.	u. r.	u. r.	u. r.	u. r.	u. r.	15.04	7.52	7.48
D 40 B (Part No. 113 47)	40 KF mm	135	264	234	206	166	111	355	336	308	302	667	382	191	190
	in.	5.32	10.39	9.21	8.11	6.54	4.37	13.98	13.23	12.13	11.89	26.26	15.04	7.52	7.48
D 65 B (Part No. 112 96, 113 57)	40 KF mm	213	264	234	206	166	111	355	336	308	302	750	382	191	190
	in.	8.39	10.39	9.21	8.11	6.54	4.37	13.98	13.23	12.13	11.89	29.53	15.04	7.52	7.48
D 65 B (Part No. 113 55)	40 KF mm	213	264	234	206	166	u. r.	u. r.	u. r.	u. r.	u. r.	u. r.	382	191	190
	in.	8.39	10.39	9.21	8.11	6.54	u. r.	u. r.	u. r.	u. r.	u. r.	u. r.	15.04	7.52	7.48

Dimensional drawing for the TRIVACD 40 and D 65 B

u. r. = upon request

Motor Information

TRIVAC B,
with 3-phase motor

208-230/460 V, 60 Hz / 200-220/380 V, 50 Hz

TRIVAC D 40 B
two-stage

Part No.912 86-2

TRIVAC D 65 B
two-stage

Part No.912 96-2

Accessories (many other KF40 fittings in stock)



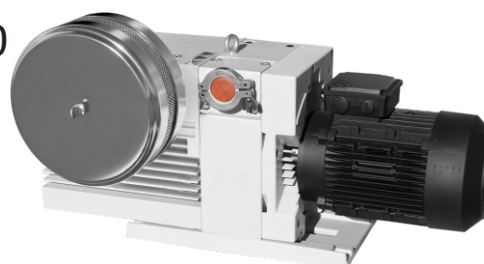
KF40 Inline Trap Filter
P/N P101866



IVP 200
Oil

P/N P101503
1 Quart

P/N P101501
1 Gallon



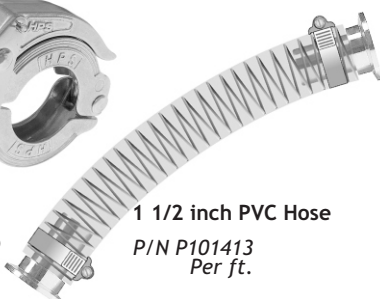
KF40 Oil Mist
Exhaust Filter
with Filter Media
Vertical or
Horizontal Placement
P/N P101453



KF40
Half Nipple
P/N P101220



KF40
Toggle Clamp
P/N P101640



1 1/2 inch PVC Hose
P/N P101413
Per ft.



Oil Mist Exhaust
Filter with Filter
Media & DrainBack
Vertical or
Horizontal Placement
P/N P102587

For Installation
Requires Adapter
KF40 to 1" NPT
P/N P101969

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