



Vacuubrand RE 2.5

Technical Specifications

	Unit	RE 2.5
Number of stages		1
Max. pumping speed at 50/60 Hz	m ³ /h	2.3 / 2.8
Max. pumping speed at 50/60 Hz	cfm	1.4 / 1.6
Ultimate partial vacuum (abs.)	mbar	3×10^{-1}
Ultimate vacuum (abs.)	mbar/torr	$3 \times 10^{-1} / 2.3 \times 10^{-1}$
Ultim. vac. (abs.) with gas ballast	mbar/torr	$8 \times 10^{-1} / 6 \times 10^{-1}$
Water vapor tolerance with gas ballast	mbar	40
Ambient temperature range (operation)	°C	12 - 40
Ambient temperature range (storage)	°C	-10 - 60
Oil capacity (B-Oil) min./max.	l	0.18 / 0.45
Max. back pressure (abs.)	bar	1.1
Inlet connection		small flange KF DN 16
Outlet connection		Hose nozzle DN 8-10 mm
Rated motor power	kW	0.18
Rated motor speed at 50/60 Hz	min-1	1500/1800
Protection class		IP 40
Dimensions (L x W x H)	mm	316 x 125 x 190
Weight	kg	10.2
Noise level at 50 Hz, typ.	dBA	43
Items supplied		Pump oil filled and completely mounted, ready for use, with manual.
Accessories		Stainless steel tubing KF DN 16 (1000 mm: 20673336) Separator inlet side AK R 2/2.5 (20698000) Oil mist filter FO R 2/2.5/5/6 (20698003) Package fine vacuum control KF DN 16 (20700100 or 20700101) Rubber vacuum tubing DN 8 mm (20686001) Small flange KF DN 16 with hose nozzle DN 8-10 mm (20662806)



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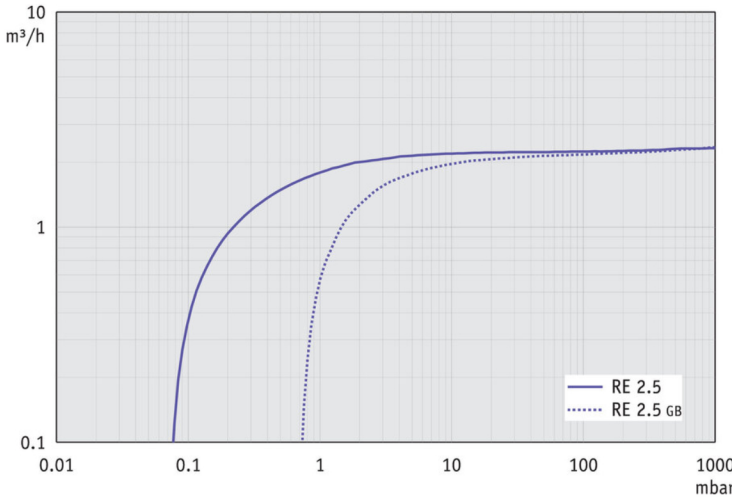
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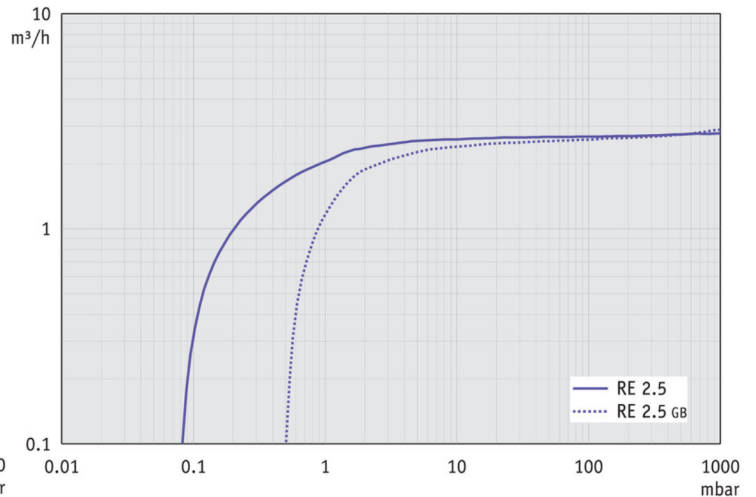
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Vacuubrand RE 2.5 Pumping Curves

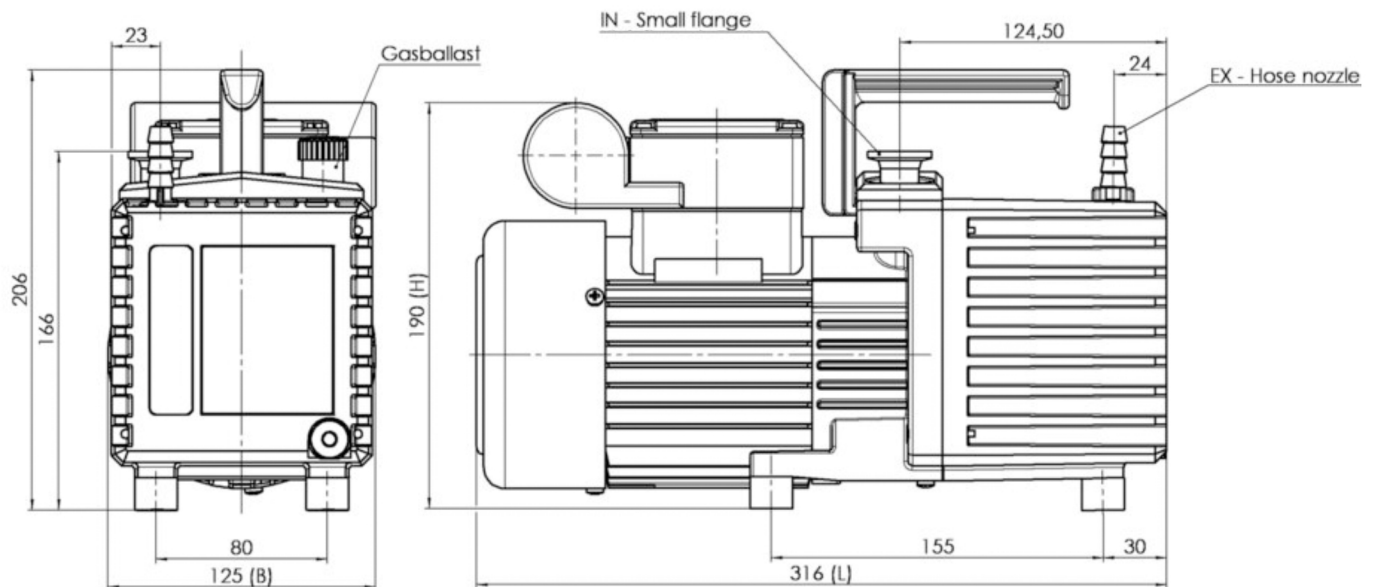
50Hz



60Hz



Dimensions



Dimensions / Masse = mm
 Oil / Öl = min. 180 ml
 max. 450 ml
 Weight / Gewicht = 10,2 kg

VACUUBRAND RE 2.5
 Version 2009/03/24



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Vacuubrand RE 2.5 Features & Benefits

- one stage, high performance
- extra compact design & low weight
- ideal solution for wide range of lab & process applications
- high flow rates, even at levels approaching ultimate vacuum
- high water vapor tolerance due to efficient gas ballast
- very good ultimate vacuum, even with gas ballast
- vacuum-tight at switch-off; extrnal anti suckback valve not needed
- large oil volume; long intervals between oil changes
- ease of maintenance due to telescopic design

Applications

- drying chambers • lyophilization • drying with minimal residues
- forevacuum for turbo pumps

