



## Vacuubrand RE 6

### Technical Specifications

		RE 6
Number of stages		1
Max. pumping speed at 50/60 Hz	m <sup>3</sup> /h	5.7 / 6.8
Max. pumping speed at 50/60 Hz	cfm	3.4 / 4.0
Ultimate partial vacuum (abs.)	mbar	1 x 10 <sup>-1</sup>
Ultimate vacuum (abs.)	mbar/torr	1 x 10 <sup>-1</sup> / 0.75 x 10 <sup>-1</sup>
Ultim. vac. (abs.) with gas ballast	mbar/torr	6 x 10 <sup>-1</sup> / 4.5 x 10 <sup>-1</sup>
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	0.36 / 0.80
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	0.3
Rated motor speed at 50/60 Hz	min <sup>-1</sup>	1500/1800
Degree of protection		IP 40
Dimensions (L x W x H)	mm	370 x 142 x 207
Weight	kg	15.4



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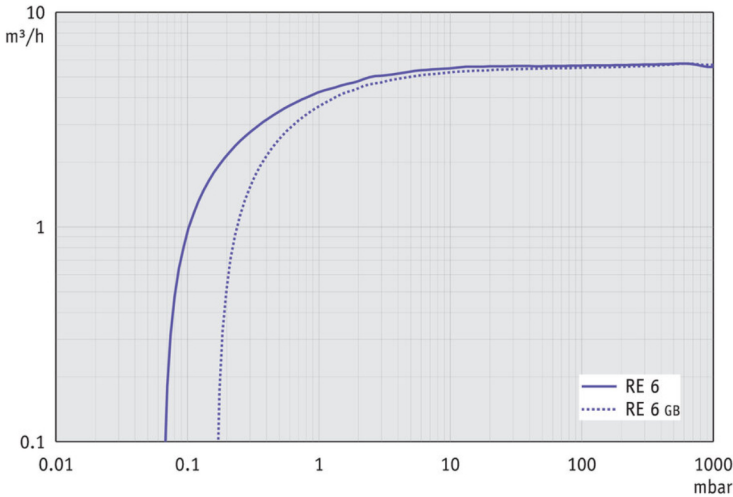
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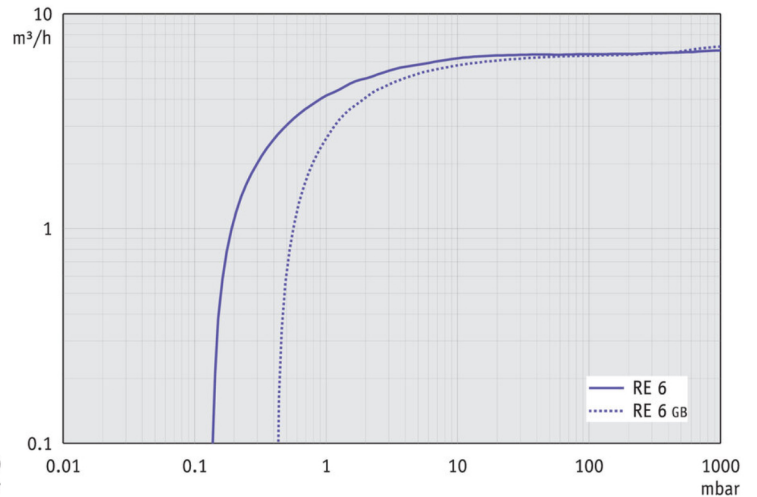
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# Vacuubrand RE 6 Pumping Curves

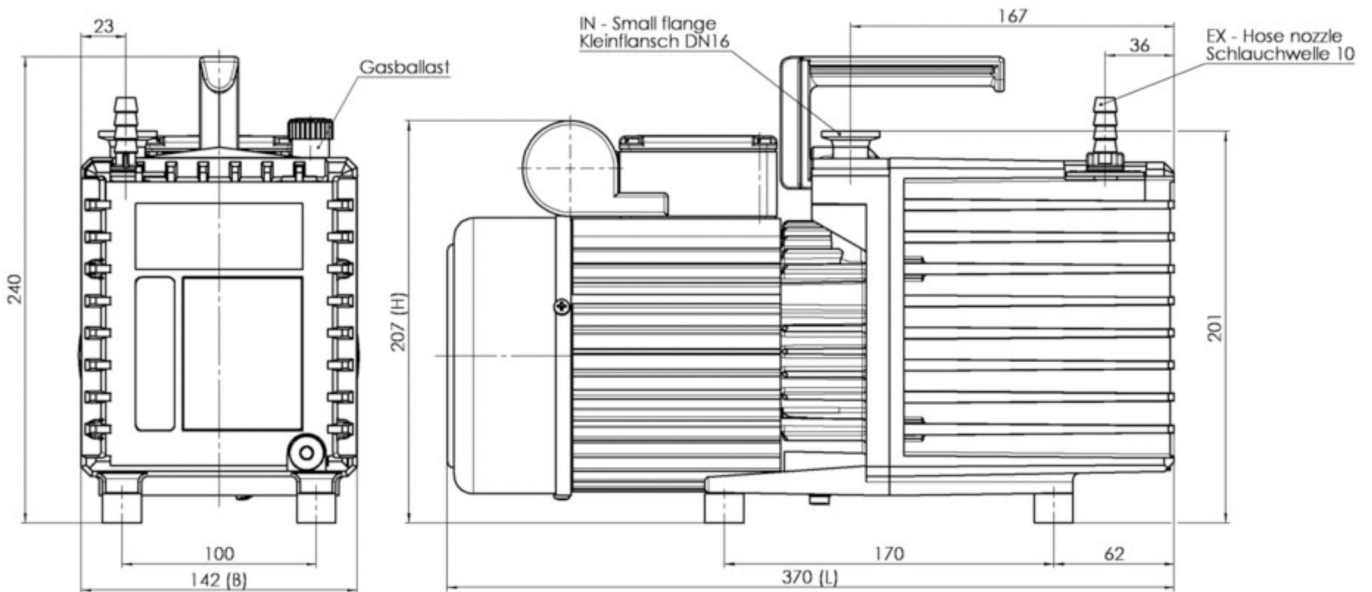
### 50Hz



### 60Hz



## Dimensions



Dimensions / Masse = mm  
 Oil / Öl = min. 360 ml  
 max. 800 ml  
 Weight / Gewicht = 15,4 kg

VACUUBRAND RE 6  
 Version 2009/03/24



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## Vacuubrand RE 6 Features & Benefits

- 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

