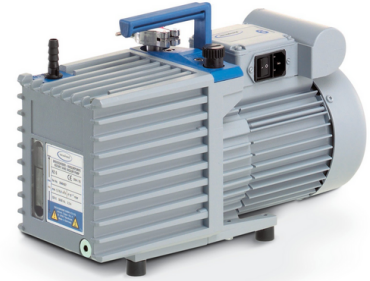


## Rotary vane pump RZ 6

Order no.: 20698130

These powerful rotary vane pumps feature a particularly compact design and low weight for pumps of this capacity. They are the ideal solution for a wide range of laboratory and process applications that require low ultimate vacuum at medium to increased gas flow rate. The PC 3 rotary vane pumping unit, with GKF 1000i cold trap at the inlet, helps the pump to handle large amounts of condensable vapors. The PC 3 pumping unit is compact, user-friendly and well-arranged, with an oil mist filter at the outlet, a valve and a T-connection for a gauge. Various packages including pump, oil mist filter, etc. are available.



### Performance features

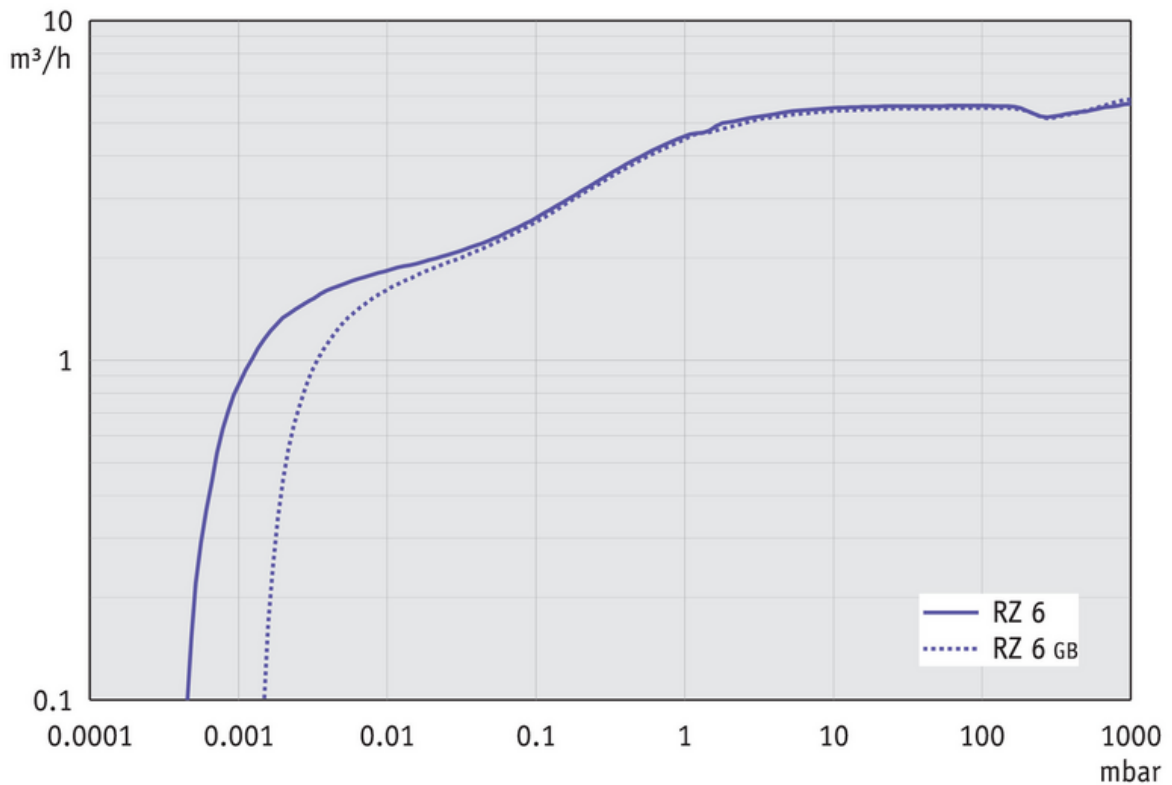
- high flow rates even at vacuum levels approaching ultimate vacuum
- high water vapor tolerance due to efficient gas ballast; very good ultimate vacuum even with gas ballast
- vacuum-tight at switch-off; external anti-suckback valve not needed
- large oil volume: Long intervals between oil changes
- ease of maintenance due to telescopic design

### Technical data

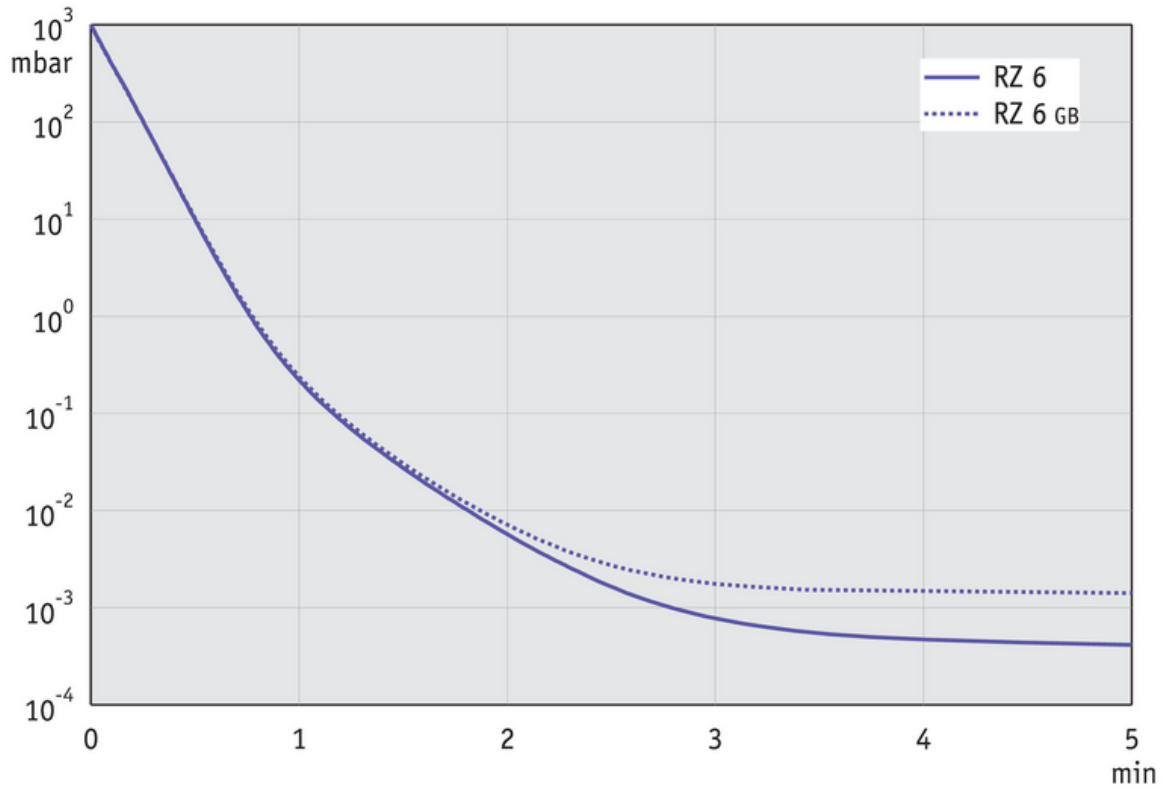
Number of stages		2
Max. pumping speed at 50/60 Hz	m <sup>3</sup> /h	5.7 / 6.8
Max. pumping speed at 50/60 Hz	cfm	3.4 / 4.0
Ultimate partial vacuum (abs.)	mbar	4 x 10 <sup>-4</sup>
Ultimate vacuum (abs.)	mbar/torr	2 x 10 <sup>-3</sup> / 1.5 x 10 <sup>-3</sup>
Ultim. vac. (abs.) with gas ballast	mbar/torr	1 x 10 <sup>-2</sup> / 0.75 x 10 <sup>-2</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	0.34 / 0.65
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
Protection class		IP 40

Dimensions (L x W x H), approx.	mm	370 x 142 x 207
Weight, approx.	kg	16.4
Noise level at 50 Hz, typ.	dBA	50
CE mark		Yes
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 5/6 (20698006) 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)

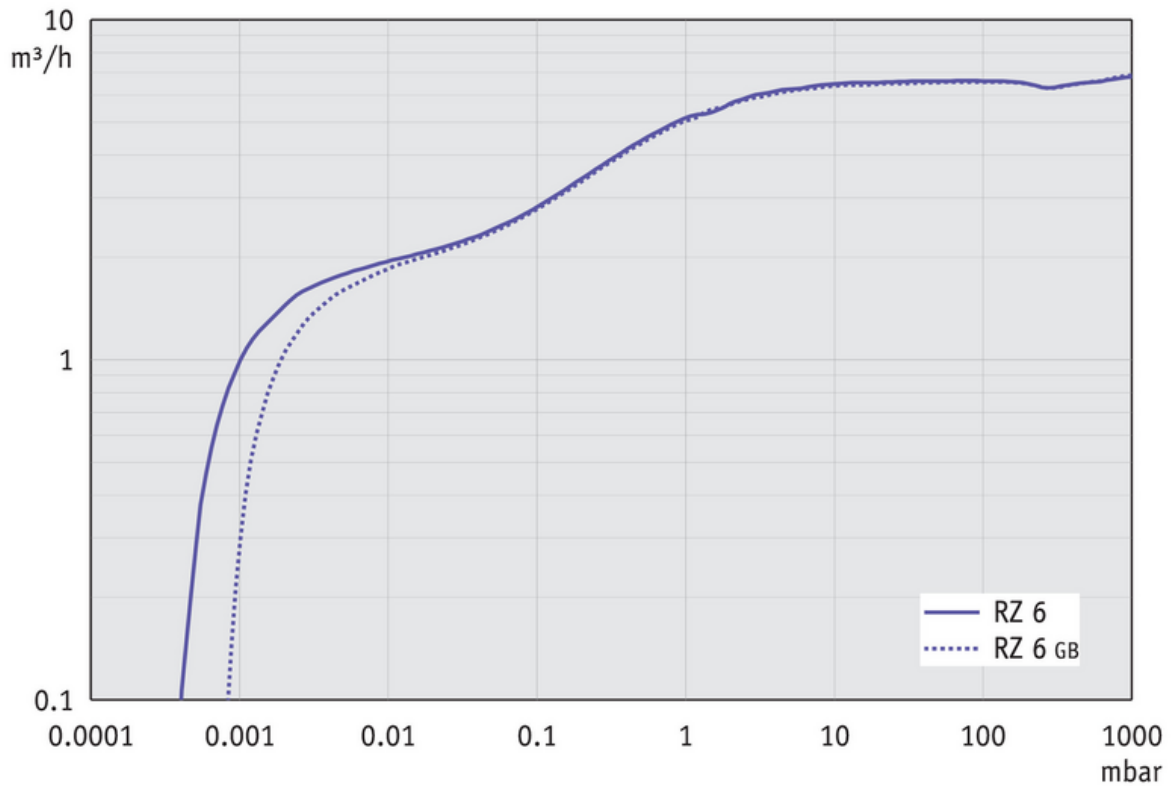
Pumping speed graph at 50 Hz



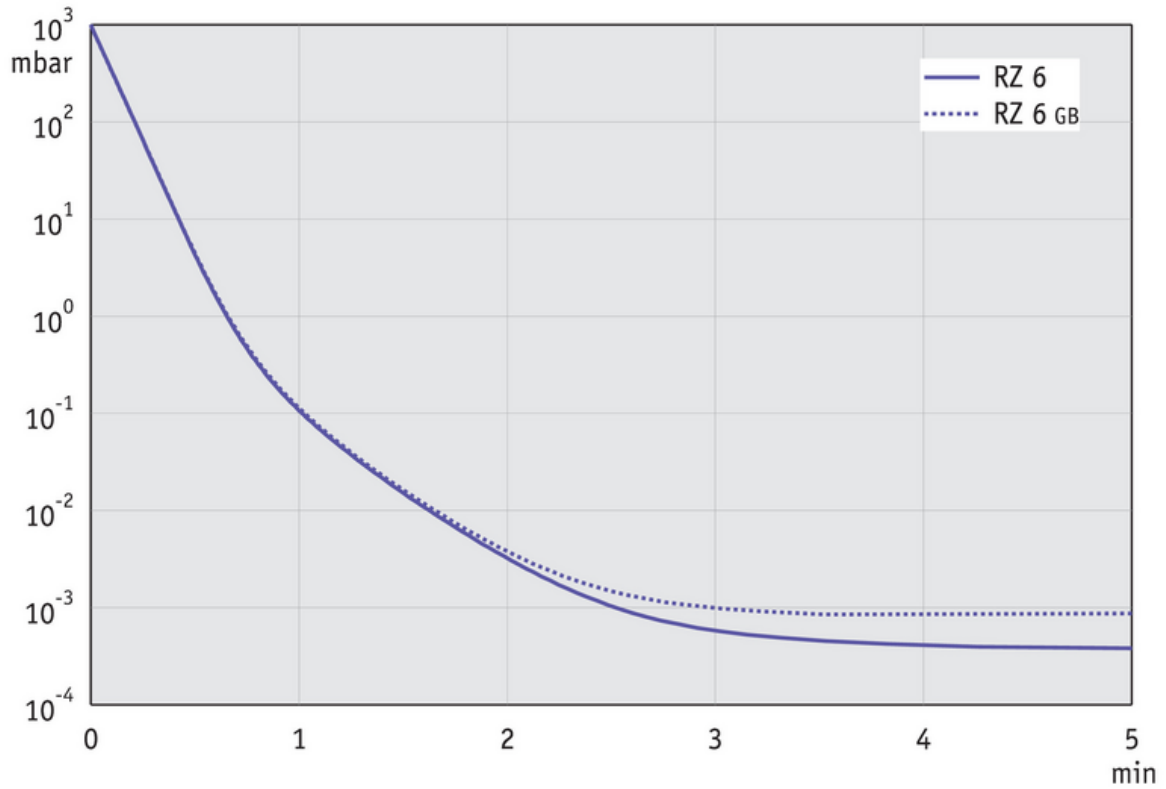
Pump down graph at 50 Hz  
(10 l volume)



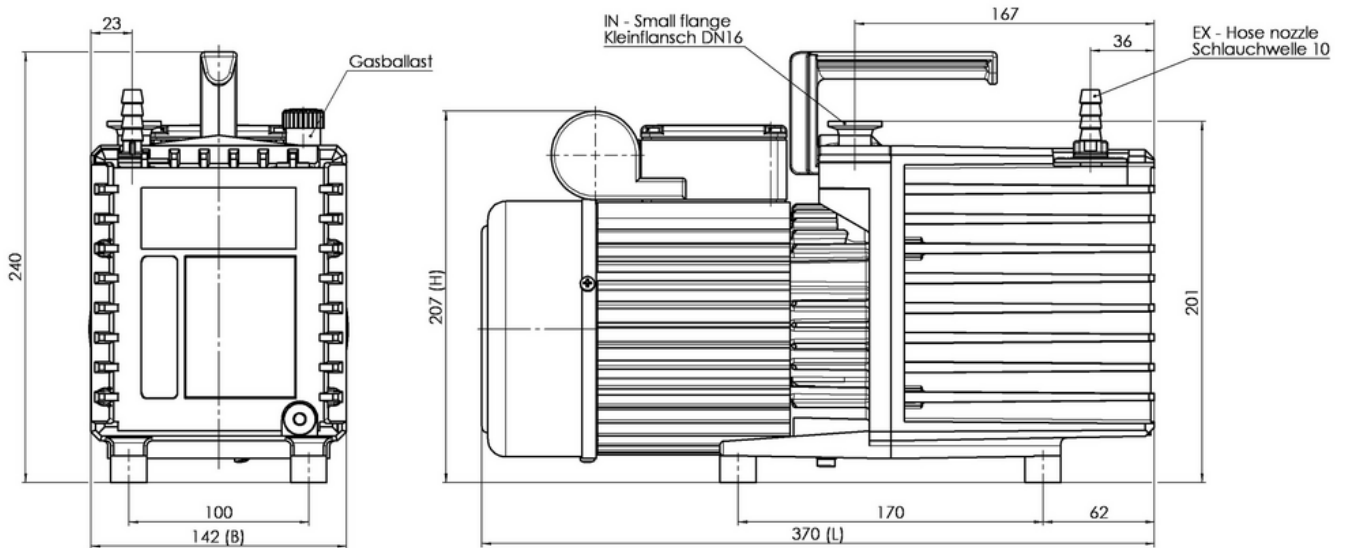
Pumping speed graph at 60 Hz



Pump down graph at 60 Hz  
(10 l volume)



## Dimension sheet



Dimensions / Masse = mm  
 Oil / Öl = min. 340 ml  
                   = max. 650 ml  
 Weight / Gewicht = 16,4 kg

VACUUBRAND RZ 6  
 Version 2009/03/24

## Ordering data

<b>Product name</b>	<b>Mains voltage and frequency</b>	<b>Plug</b>	<b>Order no.</b>
RZ 6	230 V~ 50-60 Hz	CEE	20698130



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.