

# ROTARY-VANE PUMPS

## RE 2.5 AND RZ 2.5

vacuubrand

### RE 2.5 one-stage

..... **2.3** m<sup>3</sup>/h  
 ..... **1.65** cfm  
 ..... **47** l/min

.. **3 x 10<sup>-1</sup>** mbar  
**2.3 x 10<sup>-1</sup>** Torr

*High-performance rotary-vane pumps with extra compact design and low weight. For a wide range of laboratory and process applications that require low ultimate vacuum at medium gas flow rate.*



### SPECIAL ADVANTAGES

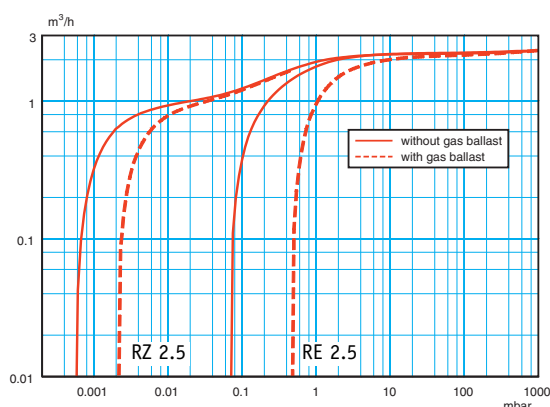
- High pumping speed even near ultimate vacuum
- High water vapour tolerance
- Vacuum-tight switch-off without need for anti-suckback valve
- Large oil volume: long intervals between oil changes
- Ease of maintenance due to telescopic design

### RZ 2.5 two-stage

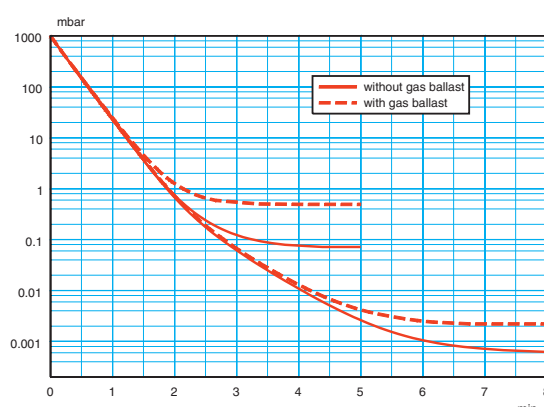
..... **2.3** m<sup>3</sup>/h  
 ..... **1.65** cfm  
 ..... **47** l/min

.. **2 x 10<sup>-3</sup>** mbar  
**1.5 x 10<sup>-3</sup>** Torr

RZ 2.5



Pumping speed\* at 50 Hz



Pump down time\* for 10 l volume

### TECHNICAL DATA

		RE 2.5	RZ 2.5
Number of stages		1	2
Max. pumping speed 50/60 Hz	m <sup>3</sup> /h//cfm	2.3/2.8//1.65	2.3/2.8//1.65
Ultimate vacuum (partial) without gas ballast	mbar//Torr	3 x 10 <sup>-1</sup> //2.3 x 10 <sup>-1</sup>	4 x 10 <sup>-4</sup> //3 x 10 <sup>-4</sup>
Ultimate vacuum (total) without gas ballast	mbar//Torr	3 x 10 <sup>-1</sup> //2.3 x 10 <sup>-1</sup>	2 x 10 <sup>-3</sup> //1.5 x 10 <sup>-3</sup>
Ultimate vacuum (total) with gas ballast	mbar//Torr	8 x 10 <sup>-1</sup> //6 x 10 <sup>-1</sup>	1 x 10 <sup>-2</sup> //0.75 x 10 <sup>-2</sup>
Water vapour tolerance	mbar//Torr	40//30	40//30
Oil capacity (B-Oil) min.	l	0.18	0.1
max.	l	0.51	0.28
Inlet connection		small flange NW 16	small flange NW 16
Outlet connection		hose nozzle NW 10	hose nozzle NW 10
Motor power	kW	0.18	0.18
Nominal rpm 50/60 Hz	min <sup>-1</sup>	1500/1800	1500/1800
Dimensions (L x W x H) (height without handle)	mm	308 x 125 x 190	308 x 125 x 190
Weight, ready for use	kg	10.2	11.4

**Items supplied:** Oil-filled pump, on/off switch, overload protection and 2 m cable with plug, small-flange centring and clamping ring for inlet, particulate filter, operating instructions.

### ORDERING INFORMATION

		RE 2.5	RZ 2.5	RZ 2.5 Package with oil mist filter and butterfly valve VS 16
230 V ~ 50–60 Hz, 1-ph.	plug CEE	69 71 50	69 81 20	69 80 29
230 V ~ 50–60 Hz, 1-ph.	plug CH	69 71 51	69 81 21	-
230 V ~ 50–60 Hz, 1-ph.	plug UK	69 71 52	69 81 22	-
120 V ~ 60 Hz, 1-ph.	plug US	69 71 53	69 81 23	-

\*Pumping speeds and pump-down times are only for information. Ultimate vacuum specification: see Technical Data.