

ROTARY-VANE PUMPS

RE 9 AND RZ 9

vacuubrand

RE 9 one-stage

..... 8.9 m³/h
 6.0 cfm
 170 l/min
 1×10^{-1} mbar
 0.75×10^{-1} Torr

RZ 9 two-stage

..... 8.9 m³/h
 6.0 cfm
 170 l/min
 ... 2×10^{-3} mbar
 1.5×10^{-3} Torr

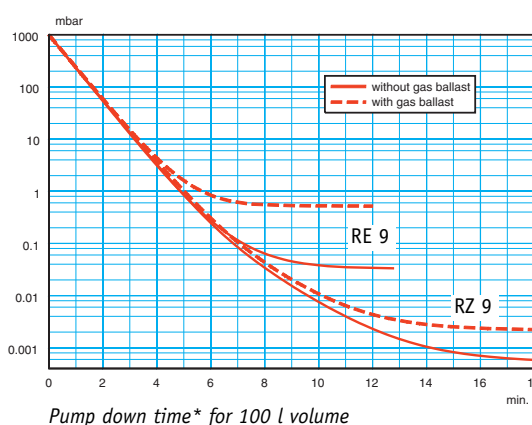
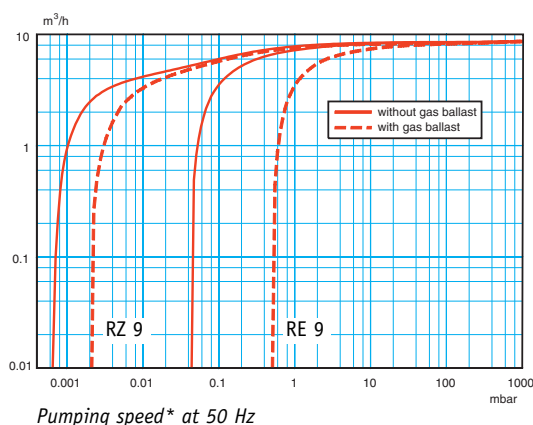
Mid-size high-performance rotary-vane pumps. For a wide range of laboratory and process applications with high pumping speed requirements.



RZ 9

SPECIAL ADVANTAGES

- High pumping speed even near ultimate vacuum
- High water vapour tolerance
- Vacuum-tight switch-off without need for anti-suckback valve
- Reliable start-up even at low temperatures; less energy consumption
- Large oil volume: long intervals between oil changes
- Ease of maintenance due to telescopic design
- Optional full-flow oil filter



TECHNICAL DATA

		RE 9	RZ 9
Number of stages		1	2
Max. pumping speed 50/60 Hz	m ³ /h//cfm	8.9/10.2//6.0	8.9/10.2//6.0
Ultimate vacuum (partial) without gas ballast	mbar//Torr	1×10^{-1} // 0.75×10^{-1}	4×10^{-4} // 3×10^{-4}
Ultimate vacuum (total) without gas ballast	mbar//Torr	1×10^{-1} // 0.75×10^{-1}	2×10^{-3} // 1.5×10^{-3}
Ultimate vacuum (total) with gas ballast	mbar//Torr	6×10^{-1} // 4.5×10^{-1}	1×10^{-2} // 0.75×10^{-2}
Water vapour tolerance	mbar//Torr	40//30	40//30
Oil capacity (B-Oil) min.	l	0.4	0.2
max.	l	1.4	0.8
Inlet connection		small flange NW 25	small flange NW 25
Outlet connection		small flange NW 25	small flange NW 25
Motor power	kW	0.37	0.37
Nominal rpm 50/60 Hz	min ⁻¹	1500/1800	1500/1800
Dimensions (L x W x H) (height without handle)	mm	460 x 152 x 232	460 x 152 x 232
Weight, ready for use	kg	21.4	24.2

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

ORDERING INFORMATION

		RE 9	RZ 9
230 V ~ 50-60 Hz, 1-ph.	plug CEE	69 71 70	69 81 40
230 V ~ 50-60 Hz, 1-ph.	plug CH	-	69 81 41
230 V ~ 50-60 Hz, 1-ph.	plug UK	-	69 81 42
120 V ~ 60 Hz, 1-ph.	plug US	-	69 81 43
400 V, 3 ~ 50 Hz, 3-ph.	plug CEE	-	69 81 45

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