

ROTARY-VANE PUMPS

RE 6 AND RZ 6



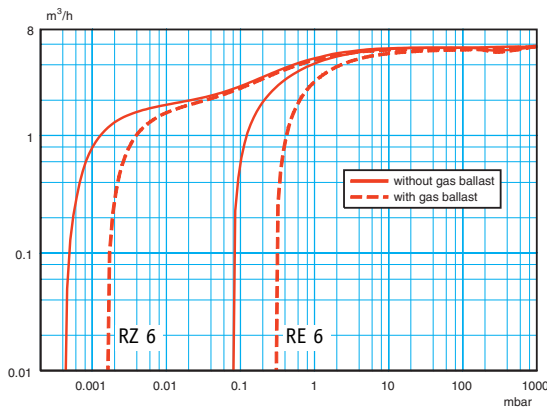
High-performance rotary-vane pumps with outstandingly compact design and low weight. For a wide range of laboratory and process applications. Comprehensive range of accessories.



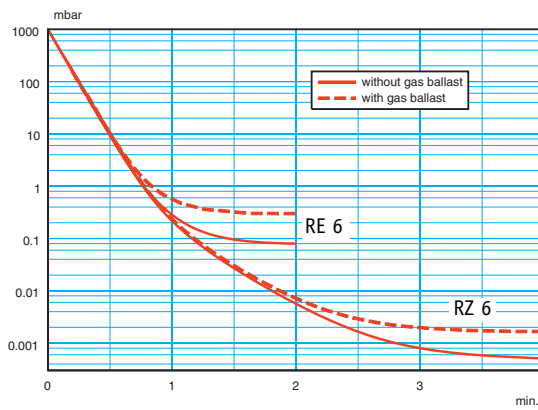
RZ 6

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



Pumping speed* at 50 Hz



Pump down time* for 10 l volume

RE 6 one-stage

..... 5.7 m³/h
 4.0 cfm
 113 l/min

.... 1 x 10⁻¹ mbar
 0.75 x 10⁻¹ Torr

RZ 6 two-stage

..... 5.7 m³/h
 4.0 cfm
 113 l/min

... 2 x 10⁻³ mbar
 1.5 x 10⁻³ Torr

TECHNICAL DATA

		RE 6	RZ 6
Number of stages		1	2
Max. pumping speed 50/60 Hz	m³/h//cfm	5.7/6.8//4.0	5.7/6.8//4.0
Ultimate vacuum (partial) without gas ballast	mbar//Torr	1 x 10 ⁻¹ //0.75 x 10 ⁻¹	4 x 10 ⁻⁴ //3 x 10 ⁻⁴
Ultimate vacuum (total) without gas ballast	mbar//Torr	1 x 10 ⁻¹ //0.75 x 10 ⁻¹	2 x 10 ⁻³ //1.5 x 10 ⁻³
Ultimate vacuum (total) with gas ballast	mbar//Torr	6 x 10 ⁻¹ //4.5 x 10 ⁻¹	1 x 10 ⁻² //0.75 x 10 ⁻²
Water vapour tolerance	mbar//Torr	40//30	40//30
Oil capacity (B-Oil) min.	l	0.37	0.35
max.	l	0.95	0.75
Inlet connection		small flange NW 16	small flange NW 16
Outlet connection		hose nozzle NW 10	hose nozzle NW 10
Motor power	kW	0.3	0.3
Nominal rpm 50/60 Hz	min ⁻¹	1500/1800	1500/1800
Dimensions (L x W x H) (height without handle)	mm	370 x 142 x 207	370 x 142 x 207
Weight, ready for use (1-ph.)	kg	15.3	16.4

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 6	RZ 6	RZ 6 Package with oil mist filter and butterfly valve VS 16	RZ 6 Package with oil mist filter, butterfly valve VS 16, vacuum gauge VAP 5
230 V ~ 50-60 Hz, 1-ph.	plug CEE	69 71 60	69 81 30	69 80 39	2 61 06 79
230 V ~ 50-60 Hz, 1-ph.	plug CH	69 71 61	69 81 31	-	2 61 06 80
230 V ~ 50-60 Hz, 1-ph.	plug UK	69 71 62	69 81 32	-	-
120 V ~ 60 Hz, 1-ph.	plug US	69 71 63	69 81 33	-	-
400 V, 3 ~ 50 Hz, 3-ph.	plug CEE	-	69 81 35	-	-

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