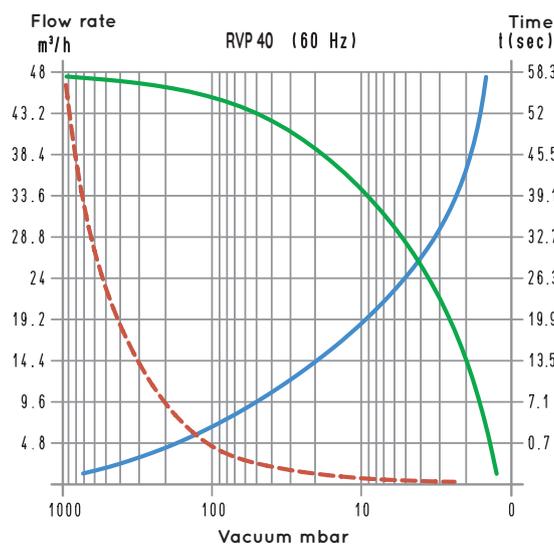
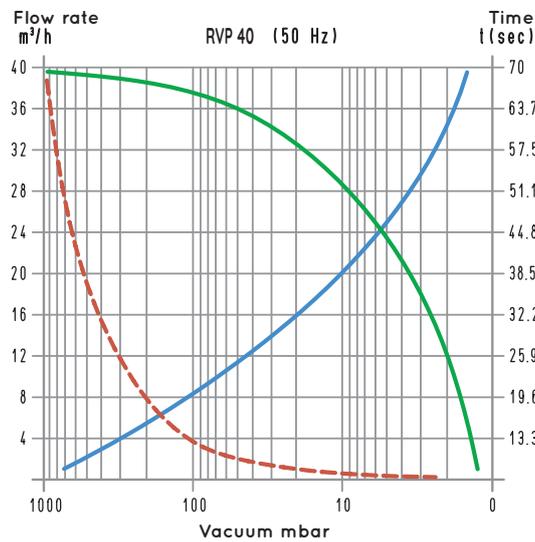
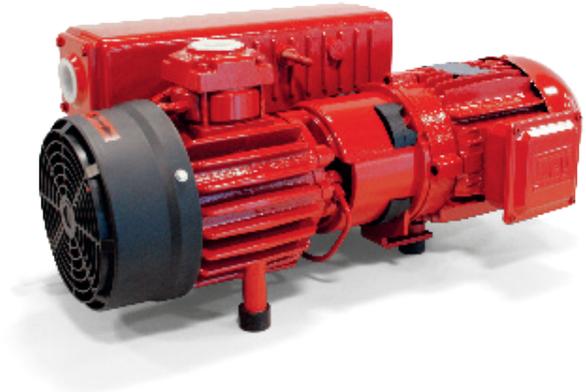




OIL-BATH VACUUM PUMP RVP 40

Pumps with an suction capacity of 40 m³/h are single-stage, rotary vane and with oil-bath lubrication with recycling. The implementation of cutting edge construction techniques and the use of hi-tech, latest generation materials has allowed for the achievement of high standards of quality, performance, duration and low cost of use.

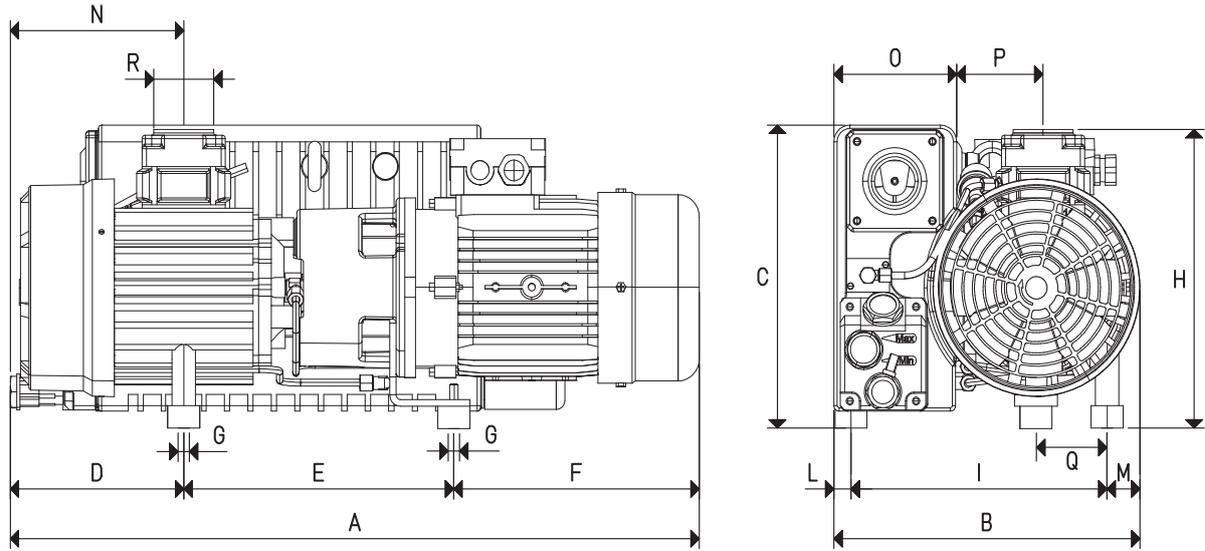
3D drawings are available on vuototecnica.net



To calculate the emptying time of a volume of V_1 , use the following formula: $t_1 = \frac{t \times V_1}{100}$

- Curve relative to the flow rate (referring to the suction pressure)
- - - Curve relative to the flow rate (referring to a 1013 mbar pressure)
- Curve regarding the emptying time of a 100-litre volume

- V_1 : Volume to be emptied (l)
- t_1 : time to be calculated (sec)
- t : time obtained in the table (sec)



3D drawings are available on vuotecnica.net

Item		RVP 40	
Frequency		50 Hz	60 Hz
Flow rate	m ³ /h	40.0	48.0
Final pressure	mbar abs.	0.5	
H ₂ O steam quantity permitted	Kg/h	0,7	
Motor performance 3~	Volt	230/400 ± 10%	275/480 ± 10%
Motor power 3~	Kw	1.10	1.35
Motor protection	IP	55	
Rotation speed	g/min ⁻¹	1450	1740
Motor shape		B14	(flange hole spacing 130 mm)
Motor size		100	
Noise level	dB(A)	64	65
Max weight	Kg	49.0	
A		645	
B		286	
C		266	
D		157	
E		323	
F		225	
G	∅	M8	
H		260	
I		240	
L		15	
M		31	
N		157	
O		115	
P		80	
Q		66	
R	∅ gas	G1"1/4	
Accessories and Parts		RVP 40	
Oil charge	L	1.25	
Lubricating oil	type	VT OIL 100	
Oil filter	item	00 RVP 40 07	
Deoiling cartridge	item	00 RVP 40 05	
Vane	item	00 RVP 40 04 (N°3)	
Sealing kit	item	00 RVP 40 06	
Check valve	item	00 RVP 40 03	
Suction filter	item	FC 35 - FPL 6 - FCL 6 - FIL 6	
Ballast valve	item	00 RVP 40 17	

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

cfm= m³/h x 0.588; inch Hg= mbar x 0.0295; psi= bar x 14.6