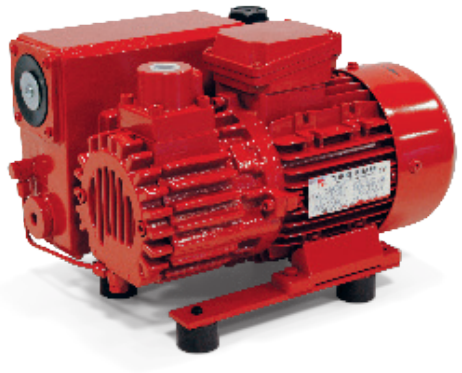
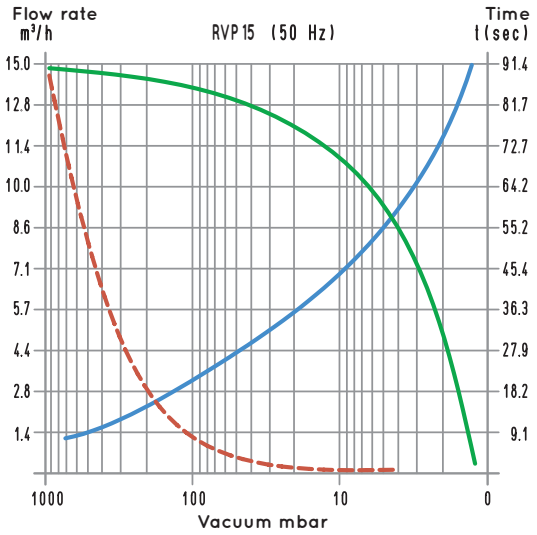
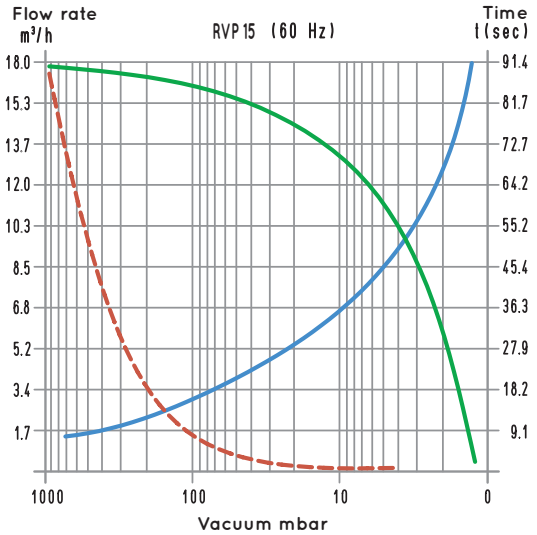
OIL-BATH VACUUM PUMP RVP 15

Pumps with an suction capacity of 15 m^3/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.







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)

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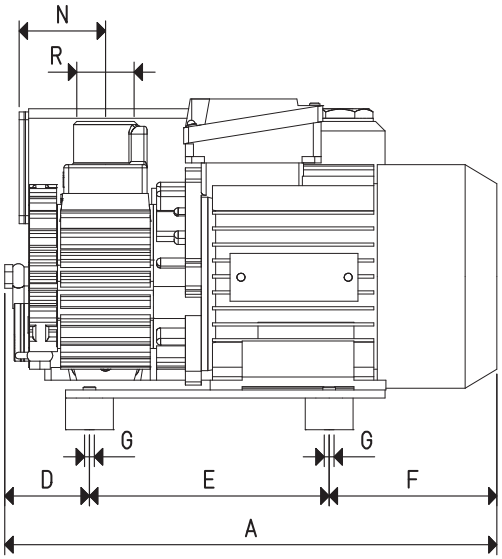

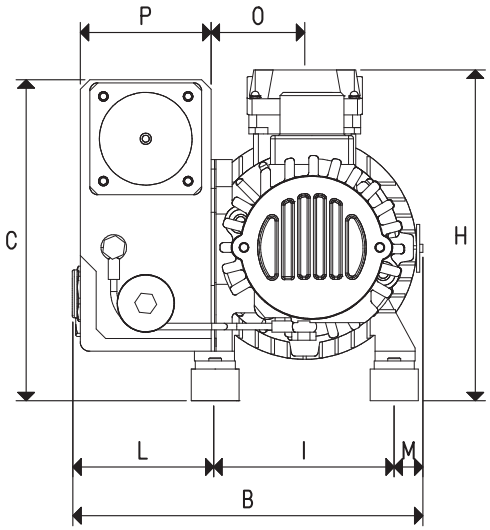

Item			RVP 15	
Frequency			50 Hz	60 Hz
Flow rate		m^3/h	15.0	18.0
Final pressure		mbar abs.	2	
Motor performance	**3~**	Volt	230/400 ± 10%	275/480 ± 10%
	1~	Volt	230 ± 10%	275 ± 10%
Motor power	**3~**	Kw	0.55	0.66
	1~	Kw	0.55	0.66
Motor protection		IP	55	
Rotation speed		g/min^{-1}	2700	3240
Motor shape			B14	
Motor size			90	
Noise level		dB(A)	63	64
Max weight	**3~**	Kg	15.0	
	1~	Kg	15.5	
A			308	
B			221	
C			200	
D			53	
E			150	
F			105	
G		Ø	M8	
H			195	
I			112	
L			89	
M			19	
N			54	
O			58	
P			82	
R		Ø gas	G1/2"	

Accessories and Parts		RVP 15
Oil charge	L	0.50
Lubricating oil	type	VT OIL 68
Deoiling cartridge	item	00 RVP 15 05
Vane	item	00 RVP 15 04 (N°3)
Sealing kit	item	00 RVP 15 06
Check valve	item	00 RVP 15 03
Suction filter	item	FC 20 - FPL 3 - FCL 3 - FIL 3

Note: Add the letter M to the item for a pump supplied with a single-phase electric motor (Example: RVP 15 M).

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$ cfm= m^3/h x 0.588; inch Hg= mbar x 0.0295; psi= bar x 14.6