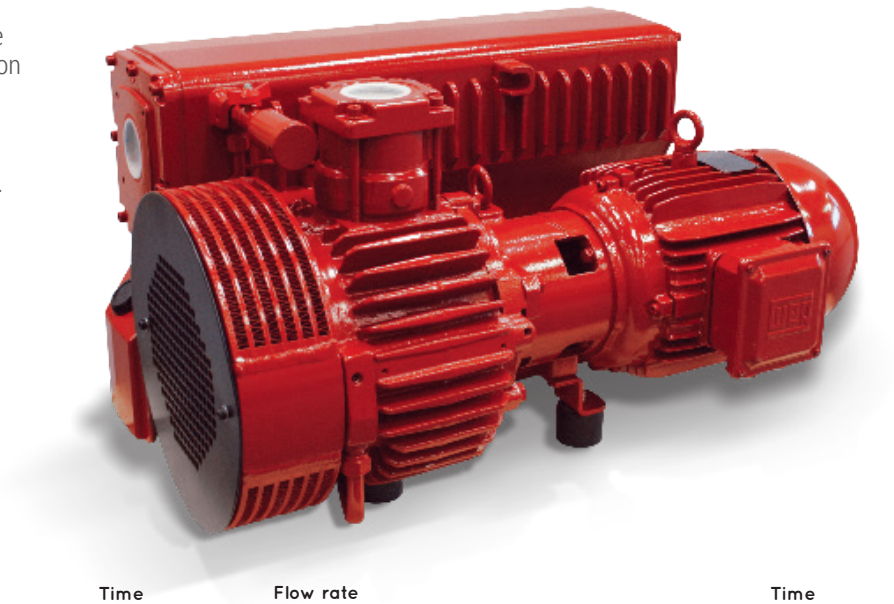
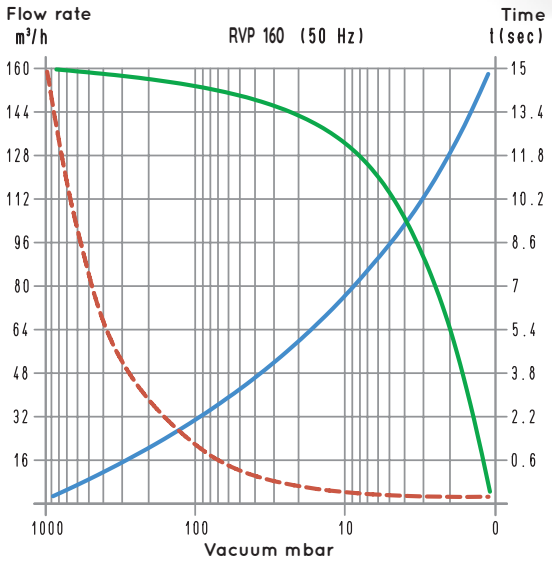
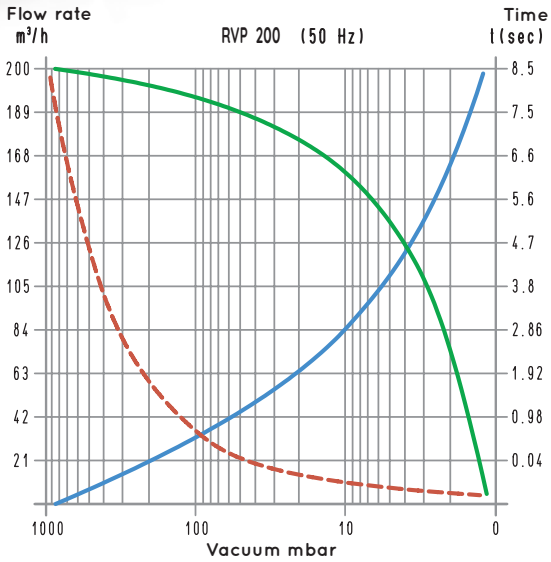
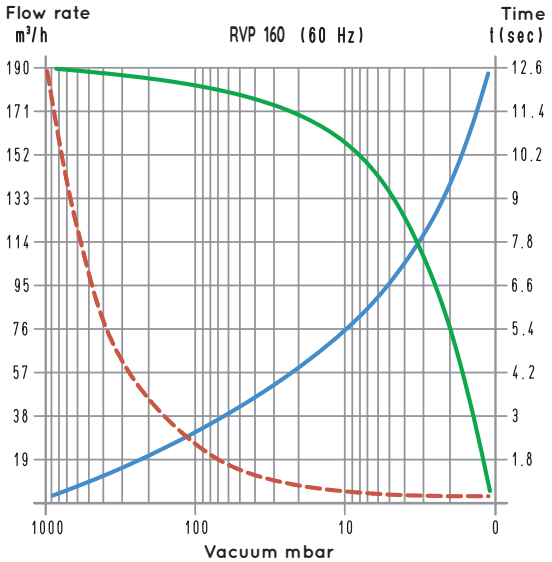
OIL-BATH VACUUM PUMPS RVP 160 and RVP 200

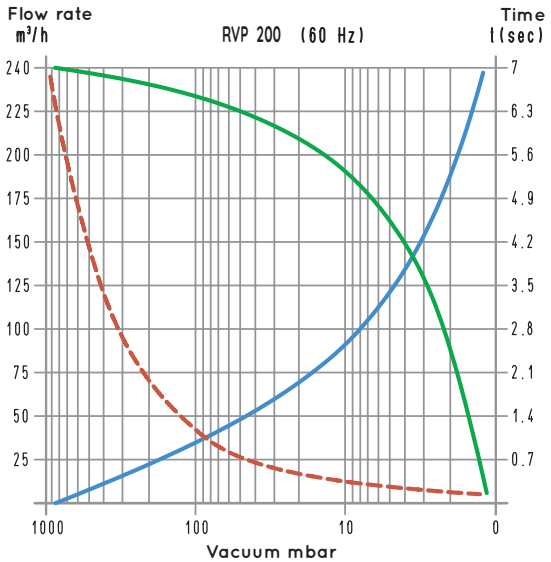
Pumps with an suction capacity of 160 and 200 m³/h are single-stage, rotary vane and with oil-bath lubrication with recycling. The implementation of cutting edge construction techniques and the use of hi-tech, latest generation materials has allowed for the achievement of high standards of quality, performance, duration and low cost of use.









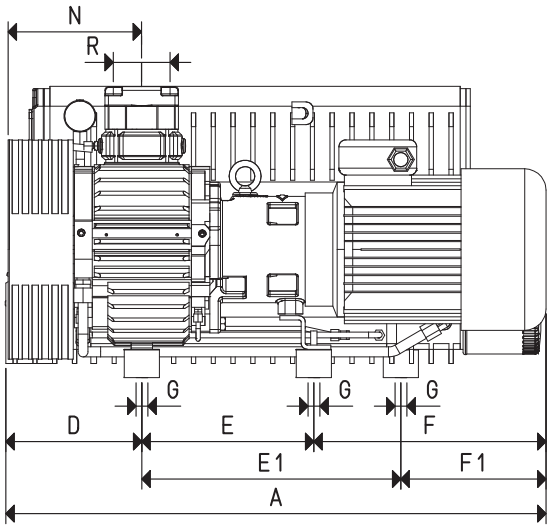


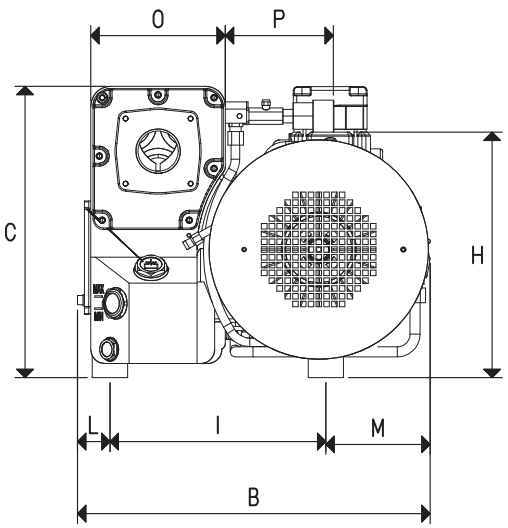
To calculate the emptying time of a volume of V_1, use the following formula: $t_1 = \frac{t \times V_1}{100}$

- 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)

OIL-BATH VACUUM PUMPS RVP 160 and RVP 200





Item		RVP 160		RVP 200	
Frequency		50 Hz	60 Hz	50 Hz	60 Hz
Flow rate	m^3/h	160.0	190.0	200.0	240.0
Final pressure	mbar abs.	0.5		0.5	
H_2O steam quantity permitted	Kg/h	2.5		4	
Motor performance 3~	Volt	400/690 ± 10%	480/830 ± 10%	400/690 ± 10%	480/830 ± 10%
Motor power 3~	Kw	4	5.5	4	5.5
Motor protection	IP	55		55	
Rotation speed	g/min^{-1}	1450	1740	1450	1740
Motor shape		B14		B14	
Motor size		112		112	
Noise level	dB(A)	72	73	74	75
Max weight	kg	142.0		145.0	
A		761		761	
B		495		495	
C		411		411	
D		192		192	
E		243		243	
E1		366		366	
F		326		326	
F1		205		205	
G	Ø	M10		M10	
H		310		310	
I		305		305	
L		25		25	
M		165		165	
N		189		189	
O		80		80	
P		65		65	
R	Ø gas	G2"		G2"	

Accessories and Parts		RVP 160	RVP 200
Oil charge	L	8	8
Lubricating oil	type	VT OIL 100	VT OIL 100
Oil filter	item	00 RVP 160 07	00 RVP 200 07
Deoiling cartridge	item	00 RVP 160 05 (N°3)	00 RVP 200 05 (N°3)
Vane	item	00 RVP 160 04 (N°3)	00 RVP 200 04 (N°3)
Sealing kit	item	00 RVP 160 06	00 RVP 200 06
Check valve	item	00 RVP 160 03	00 RVP 200 03
Suction filter	item	FC 60 - FPL 7 - FCL 7 - FIL 7	FC 60 - FPL 7 - FCL 7 - FIL 7
Ballast valve	item	00 RVP 160 17	00 RVP 200 17

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