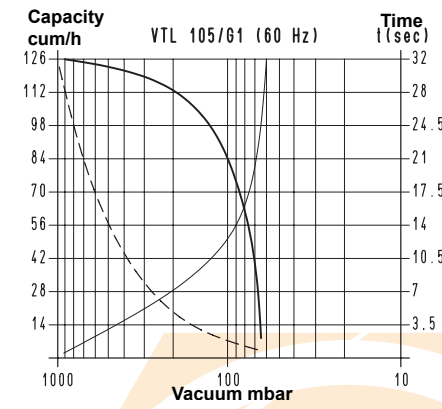
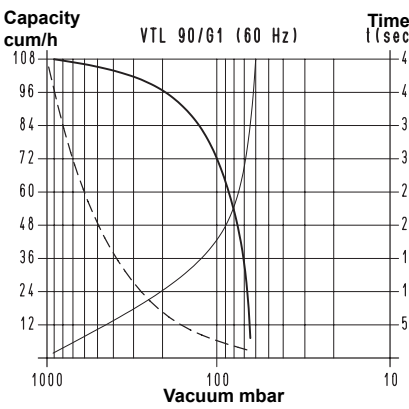
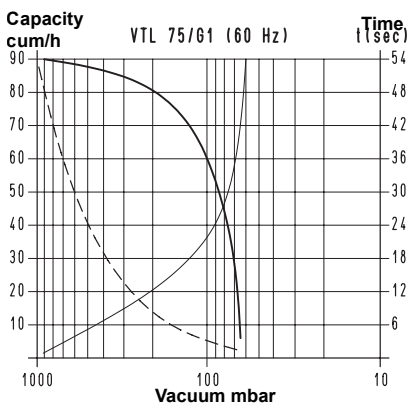
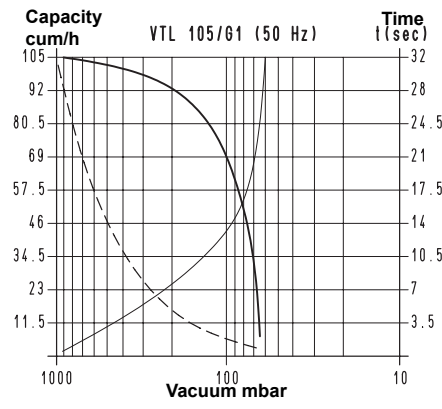
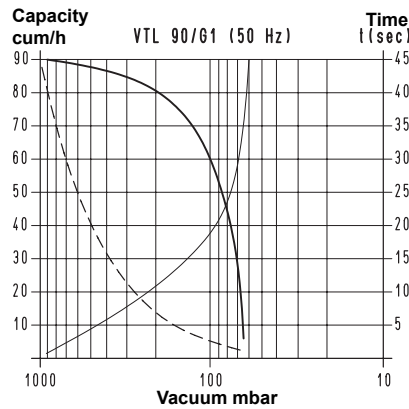
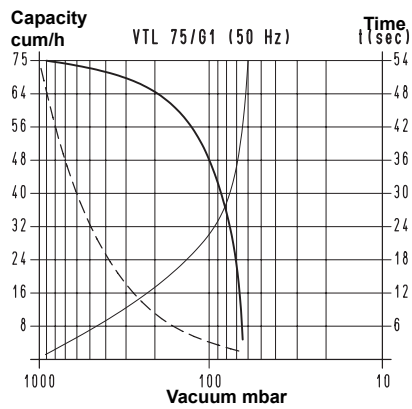
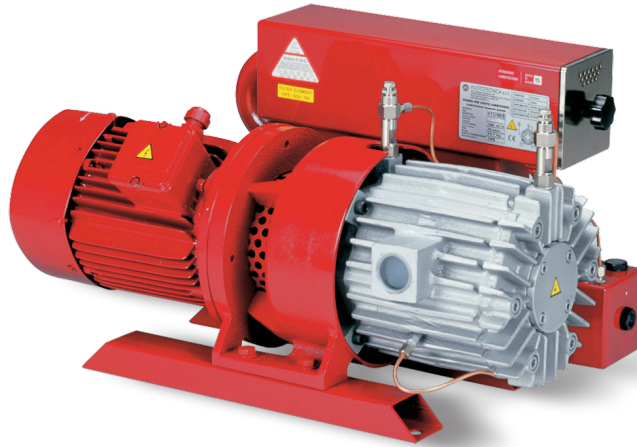


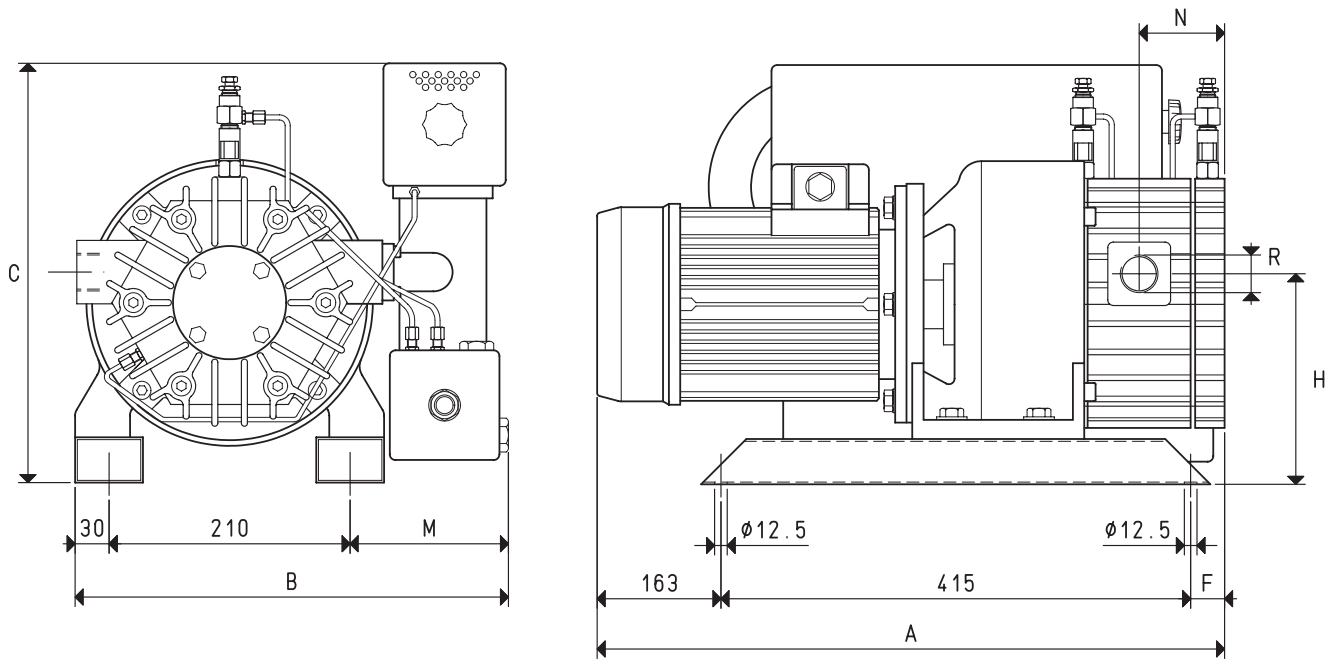
VACUUM PUMPS VTL 75/G1, 90/G1 and 105/G1



To calculate the emptying time of a volume V1, apply the formula $t_1 = \frac{t \times V_1}{100}$

- Curve regarding capacity (referring to the suction pressure)
 - - - Curve regarding capacity (referring to a 1013 bar pressure)
 - Curve regarding the emptying of a 100-litre volume
- V1 : Volume to be emptied
 t1 : Time to be calculated (sec)
 t : Time obtained in the table (sec)

VACUUM PUMPS VTL 75/G1, 90/G1 and 105/G1



Art.	VTL 75/G1		VTL 90/G1		VTL 105/G1	
Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Capacity m ³ /h	75.0	90.0	90.0	108.0	105.0	126.0
Final pressure mbar abs.	50		50		50	
Motor execution 3~	230/400±10%	275/480±10%	230/400±10%	275/480±10%	230/400±10%	275/480 ±10%
Volt	3~		3~		3~	
Motor power Kw	2.20	2.70	3.00	3.60	3.00	3.60
Motor protection IP	54		54		54	
Rotation speed rev/min ⁻¹	1450	1740	1450	1740	1450	1740
Motor shape	B5		B5		B5	
Motor size	100		100		100	
Noise level dB(A)	70	72	71	73	72	74
Max. weight Kg	76.5		84.0		97.6	
A	640		660		690	
B	385		400		400	
C	400		400		445	
F	62		82		112	
H	186		186		186	
M	145		150		160	
N	80		92		122	
R Ø gas	G1"1/4		G1"1/4		G1"1/2	
Accessories and spare parts						
Oil load l	2.0		2.6		2.6	
Synthetic oil VT OIL	ISO 100		ISO 100		ISO 100	
Deoiling cartridge art.	00 VTL 75G1 29		00 VTL 90G1 29		00 VTL 105G1 29	
6 vanes art.	00 VTL 75G1 10		00 VTL 90G1 10		00 VTL 105G1 10	
Sealing kit art.	00 KIT VTL 75G1		00 KIT VTL 90G1		00 KIT VTL 105G1	
Check valve art.	10 06 10		10 06 10		10 07 10	
Suction filtre art.	FB 40/FC 40		FB 40/FC 40		FB 50/FC 50	
Adjustable drip oiler art.	00 VTL 00 11		00 VTL 00 11		00 VTL 00 11	

3D drawings available at www.vuototecnica.net

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

cfm= cum/h x 0.588; inch Hg= m x 0.0295; psi= bar (g) x 14.6