

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

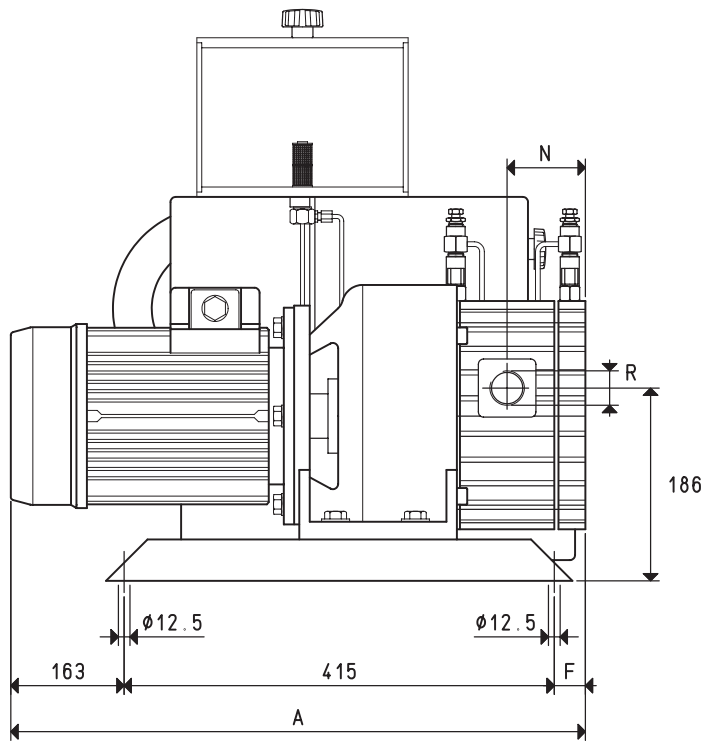
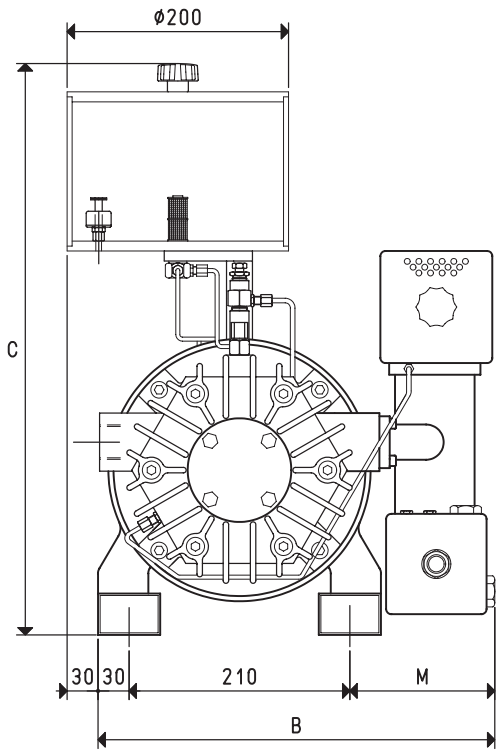
- Curve relative to the flow rate (referring to the suction pressure)
- - - Curve relative to the flow rate (referring to a 1013 mbar pressure)
- Curve regarding the emptying time of a 100-litre volume

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



VACUUM PUMP VTLP 105/G1, WITH DISPOSABLE LUBRICATION

3D drawings are available on vuotecnica.net



Item		VTLP 105/G1	
Frequency		50Hz	60Hz
Flow rate	m ³ /h	105.0	126.0
Final pressure	mbar abs.	50	
Motor performance 3~	volt	230/400±10%	265/460±10%
Motor power 3~	Kw	3.00	3.60
Motor protection	IP	55	
Rotation speed	g/min ⁻¹	1440	1700
Motor shape		B5	
Motor size		100	
Noise level	dB(A)	72	74
Max weight 3~	kg	99.4	
A		690	
B		430	
C		620	
F		112	
M		160	
N		122	
R	Ø gas	G1"1/2	
Accessories and Parts		VTLP 105/G1	
Oil charge	L	3.8	
Lubricating oil	type	ISO 150	
Deoiling cartridge	item	00 VTL 105G1 29	
6 vanes	item	00 VTL 105 G110	
Sealing kit	item	00 KIT VTL 105G1	
Check valve	item	10 07 10	
Suction filter	item	FB 50/FC 50	
Oil level switch	item	00 LP VTL 99	
Oil filter	item	00 LP VTL 40	
Adjustable drip oiler	item	00 VTL 00 11	

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