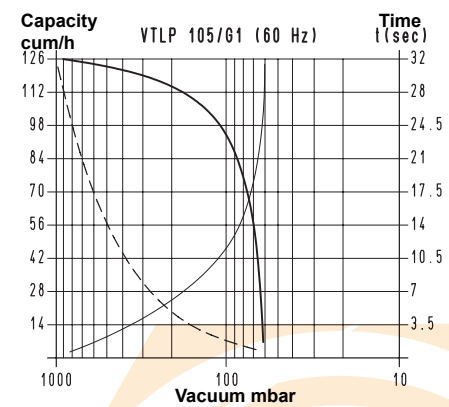
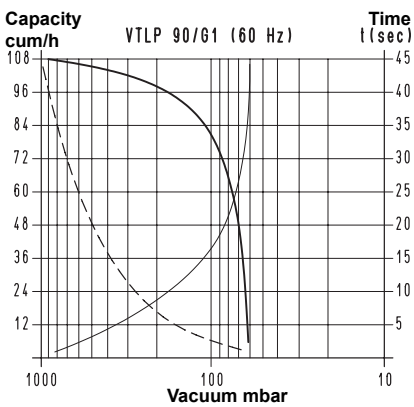
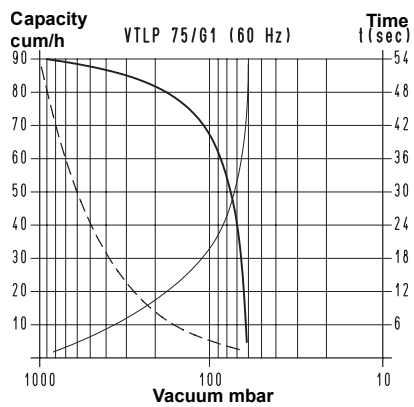
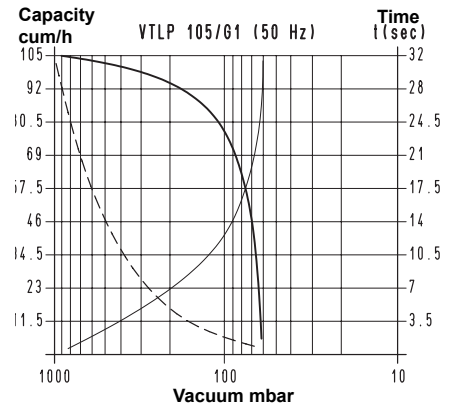
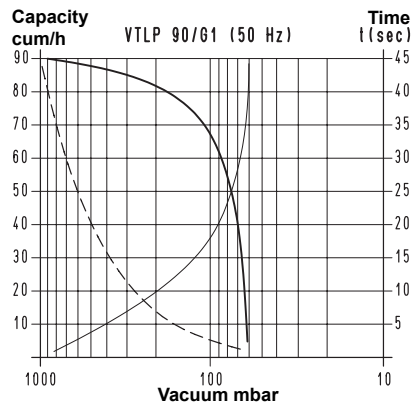
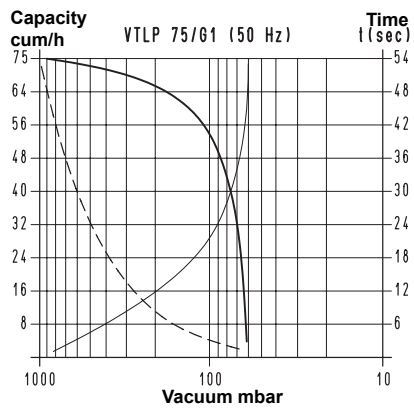


# VACUUM PUMPS VTLP 75/G1, 90/G1 and 105/G1



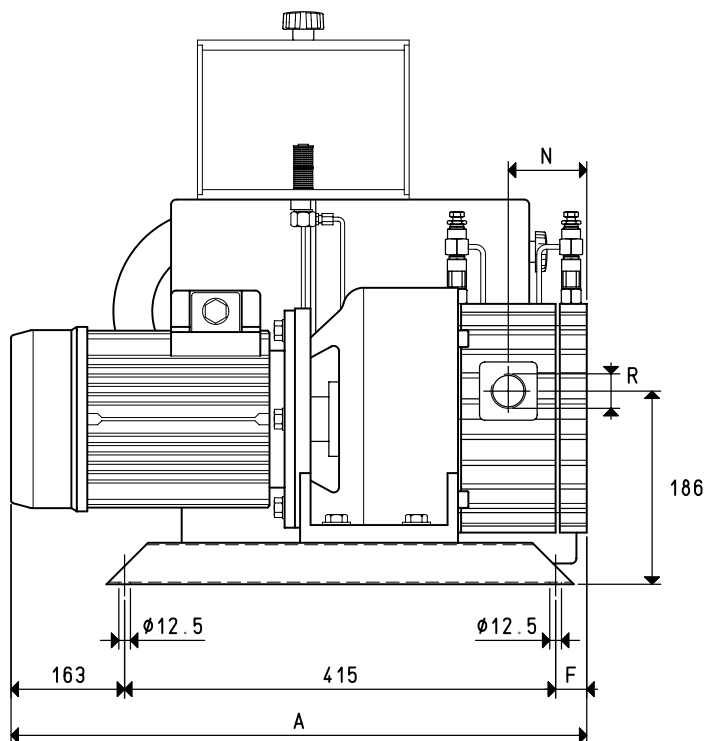
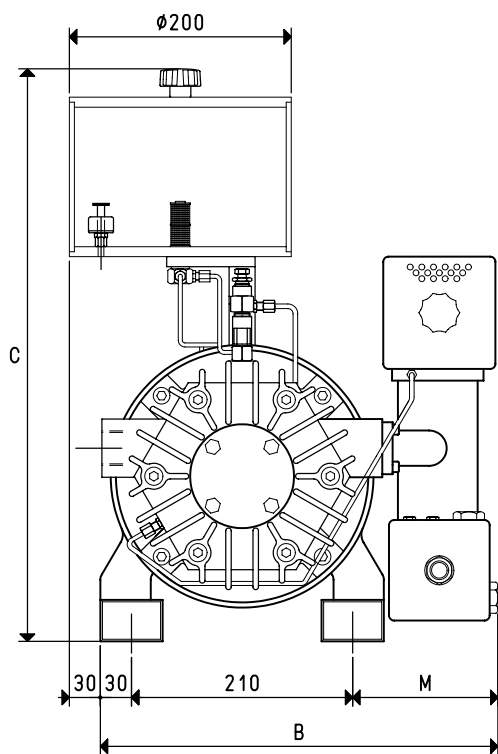
To calculate the emptying time of a volume  $V_1$ , apply the formula  $t_1 = \frac{t \times V_1}{100}$

- 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

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

3D drawings available at [www.vuototecnica.net](http://www.vuototecnica.net)

# VACUUM PUMPS VTLP 75/G1, 90/G1 e 105/G1



Art.		VTLP 75/G1		VTLP 90/G1		VTLP 105/G1	
<b>Frequency</b>		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
<b>Capacity</b>	m <sup>3</sup> /h	75.0	90.0	90.0	108.0	105.0	126.0
<b>Final pressure</b>	mbar abs.		50		50		50
<b>Motor execution</b>	3~	230/400±10%	275/480±10%	230/400±10%	275/480±10%	230/400±10%	275/480 ±10%
<b>Volt</b>							
<b>Motor protection</b>	IP		54		54		54
<b>Motor power</b>	3~	2.20	2.70	3.00	3.60	3.00	3.60
<b>Kw</b>							
<b>Rotation speed</b>	rev/min <sup>-1</sup>	1450	1740	1450	1740	1450	1740
<b>Motor shape</b>			B5		B5		B5
<b>Motor size</b>			100		100		100
<b>Noise level</b>	dB(A)	70	72	71	73	72	74
<b>Max. weight</b>	3~		78.3		85.8		99.4
<b>Kg</b>							
<b>A</b>			640		660		690
<b>B</b>			415		430		430
<b>C</b>			575		575		620
<b>F</b>			62		82		112
<b>M</b>			145		150		160
<b>N</b>			80		92		122
<b>R</b>	Ø gas		G1 1/4"		G1 1/4"		G1 1/2"
<b>Accessories and spare parts</b>							
<b>Oil load</b>	l		3.8		3.8		3.8
<b>Synthetic oil</b>	VT OIL		ISO 100		ISO 100		ISO 100
<b>Deoiling cartridge</b>	art.		00 VTL 75G1 29		00 VTL 90G1 29		00 VTL 105G1 29
<b>6 vanes</b>	art.		00 VTL 75G1 10		00 VTL 90 G110		00 VTL 105 G110
<b>Sealing kit</b>	art.		00 KIT VTL 75G1		00 KIT VTL 90G1		00 KIT VTL 105G1
<b>Check valve</b>	art.		10 06 10		10 06 10		10 07 10
<b>Suction filtre</b>	art.		FB 40/FC 40		FB 40/FC 40		FB 50/FC 50
<b>Oil level switch</b>	art.		00 LP VTL 99		00 LP VTL 99		00 LP VTL 99
<b>Oil filtre</b>	art.		00 LP VTL 40		00 LP VTL 40		00 LP VTL 40
<b>Adjustable drip oiler</b>	art.		00 VTL 00 11		00 VTL 00 11		00 VTL 00 11

3D drawings available at [www.vuototecnica.net](http://www.vuototecnica.net)

7.32

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= mbar x 0.0295; psi= bar (g) x 14.6