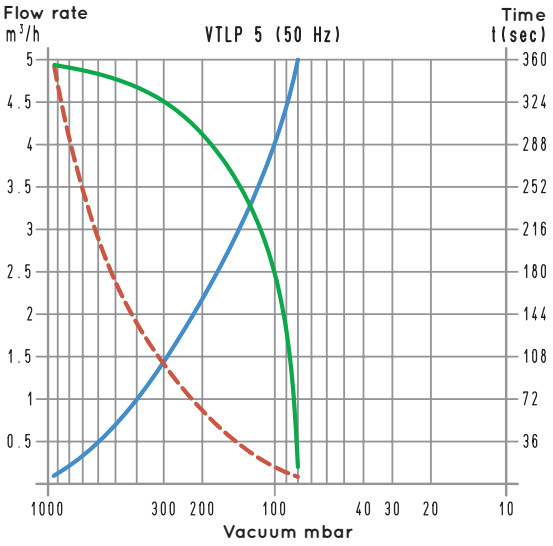
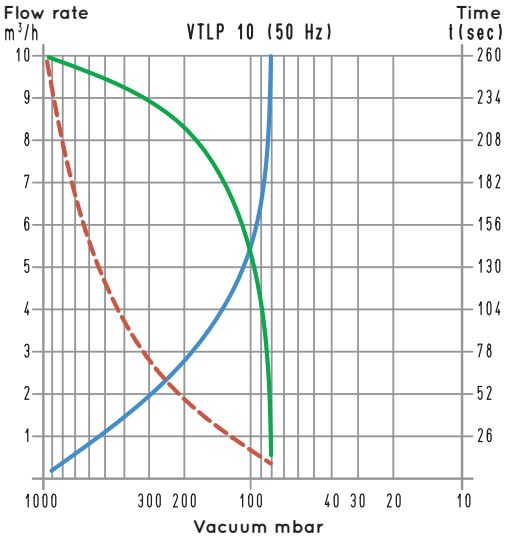
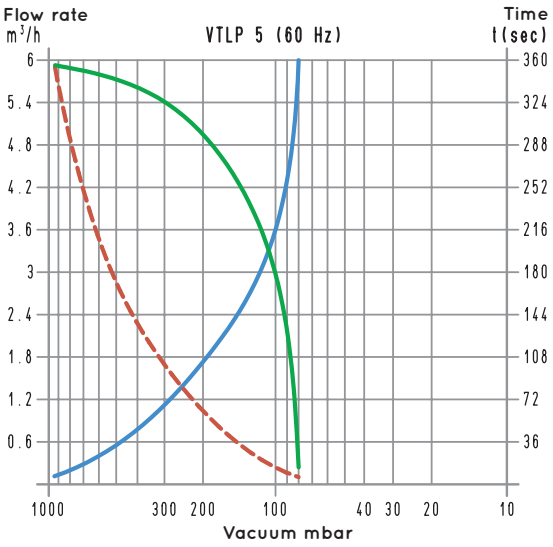
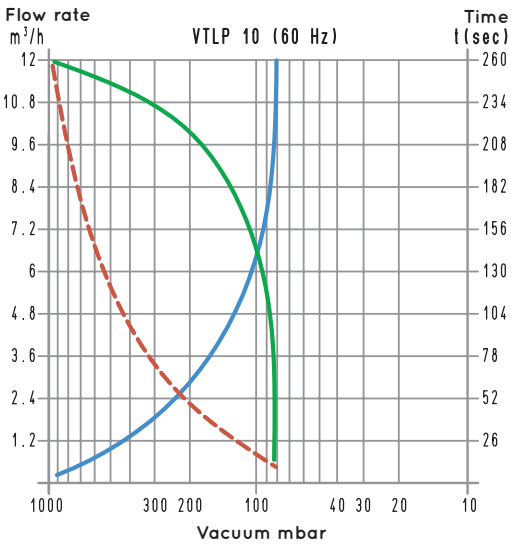




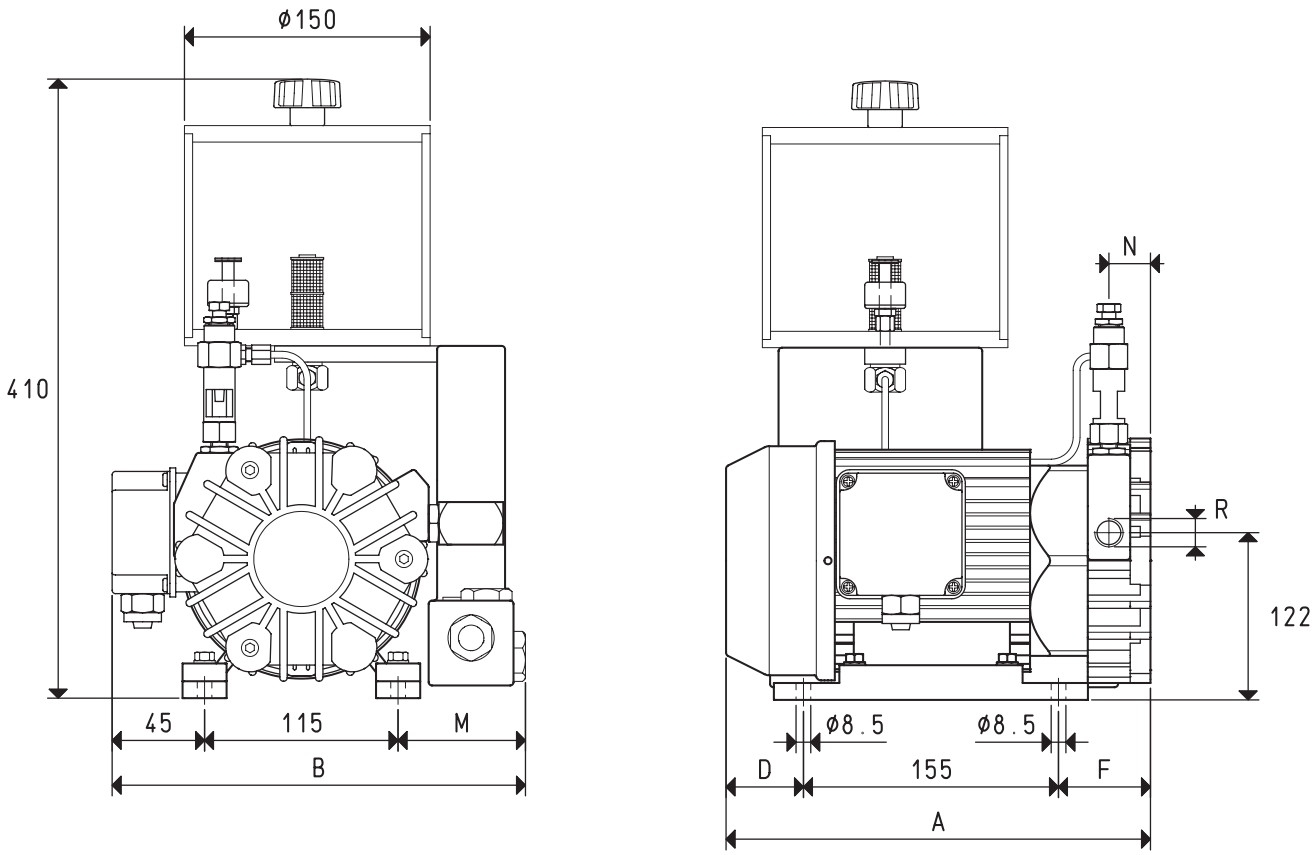




To calculate the emptying time of a volume of V_1, use the following formula: $t_1 = \frac{t \times V_1}{100}$

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)



Item		VTLP 5		VTLP 10	
Frequency		50Hz	60Hz	50Hz	60Hz
Flow rate	m^3/h	5.0	6.0	10.0	12.0
Final pressure	mbar abs.	80		80	
Motor performance	3~	230/400±10%	265/460±10%	230/400±10%	265/460±10%
Volt	1~	230±10%		230±10%	
Motor power	3~	0.25	0.30	0.37	0.40
Kw	1~	0.25	0.30	0.37	0.40
Motor protection	IP	55		55	
Rotation speed	g/min^{-1}	1450	1680	1450	1680
Motor shape		Special		Special	
Motor size		71		71	
Noise level	dB(A)	62	64	62	64
Max weight	3~	15.6		21.6	
Kg	1~	16.1		22.1	
A		260		310	
B		245		262	
D		52		70	
F		53		85	
M		85		102	
N		27		52	
R	Ø gas	G3/8"		G1/2"	

Accessories and Parts		VTLP 5	VTLP 10
Oil charge	L	1.8	1.8
Lubricating oil	type	ISO 32	ISO 100
6 vanes	item	00 VTL 05 10	00 VTL 10 10
Sealing kit	item	00 KIT VTL 05	00 KIT VTL 10
Check valve	item	10 02 10	10 03 10
Suction filter	item	FB 10/FC 10	FB 20/FC 20
Oil level switch	item	00 LP VTL 99	00 LP VTL 99
Oil filter	item	00 LP VTL 40	00 LP VTL 40
Adjustable drip oiler	item	00 VTL 00 11	00 VTL 00 11

Note: Add the letter M to the item for a pump supplied with a single-phase electric motor (Example: VTLP 5 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