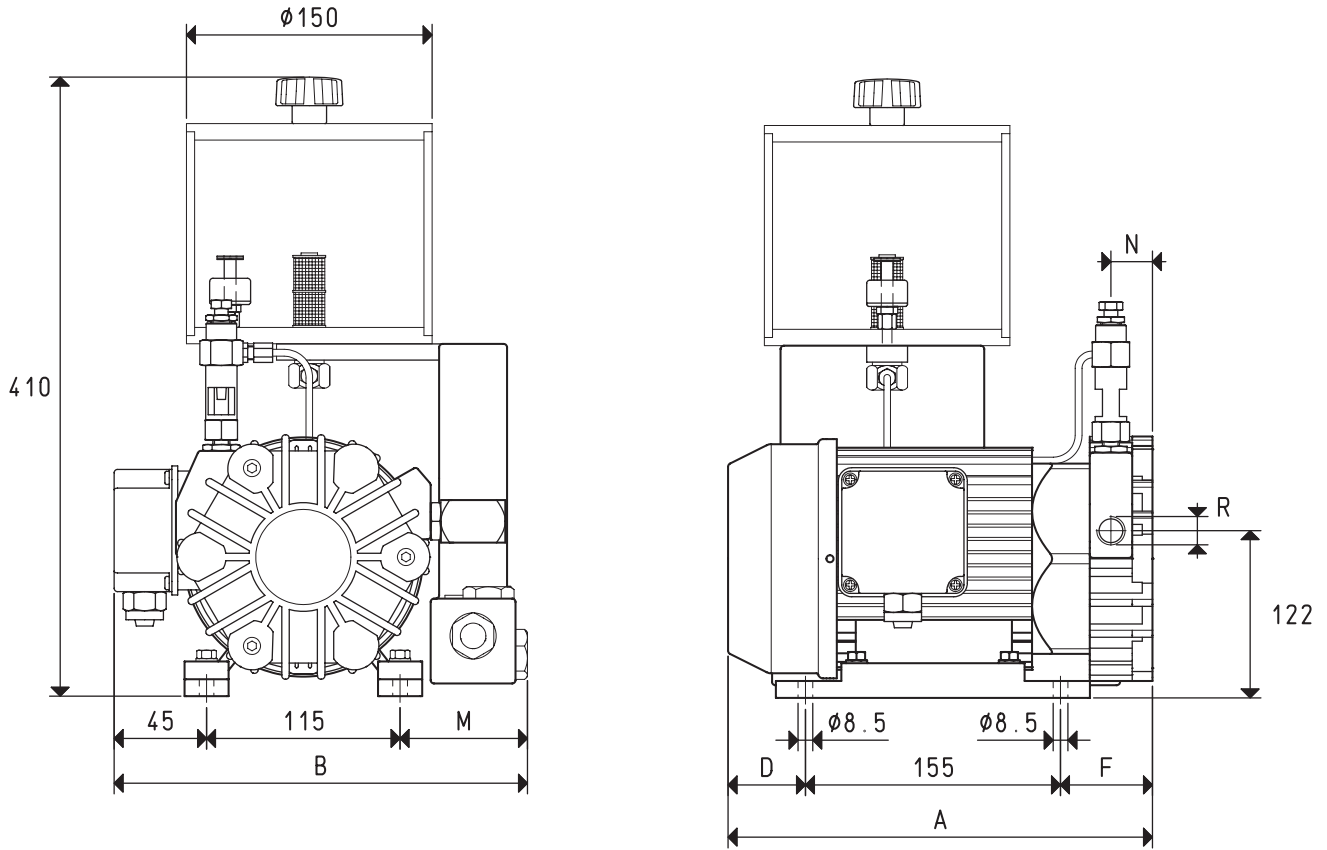


To calculate the emptying time of a volume of  $V_1$ , use the following formula:  $t_1 = \frac{t \times V_1}{100}$

- 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	
	50Hz	60Hz	50Hz	60Hz
<b>Frequency</b>	50Hz	60Hz	50Hz	60Hz
<b>Flow rate</b> m <sup>3</sup> /h	5.0	6.0	10.0	12.0
<b>Final pressure</b> mbar abs.	80		80	
<b>Motor performance</b> 3~	230/400±10%	265/460±10%	230/400±10%	265/460±10%
<b>Volt</b> 1~	230±10%		230±10%	
<b>Motor power</b> 3~	0.25	0.30	0.37	0.40
<b>Kw</b> 1~	0.25	0.30	0.37	0.40
<b>Motor protection</b> IP	55		55	
<b>Rotation speed</b> g/min <sup>-1</sup>	1450	1680	1450	1680
<b>Motor shape</b>	Special		Special	
<b>Motor size</b>	71		71	
<b>Noise level</b> dB(A)	62	64	62	64
<b>Max weight</b> 3~	15.6		21.6	
<b>Kg</b> 1~	16.1		22.1	
<b>A</b>	260		310	
<b>B</b>	245		262	
<b>D</b>	52		70	
<b>F</b>	53		85	
<b>M</b>	85		102	
<b>N</b>	27		52	
<b>R</b> ∅ gas	G3/8"		G1/2"	
<b>Accessories and Parts</b>				
<b>VTLP 5</b>				
<b>VTLP 10</b>				
<b>Oil charge</b> L	1.8		1.8	
<b>Lubricating oil</b> type	ISO 32		ISO 100	
<b>6 vanes</b> item	00 VTL 05 10		00 VTL 10 10	
<b>Sealing kit</b> item	00 KIT VTL 05		00 KIT VTL 10	
<b>Check valve</b> item	10 02 10		10 03 10	
<b>Suction filter</b> item	FB 10/FC 10		FB 20/FC 20	
<b>Oil level switch</b> item	00 LP VTL 99		00 LP VTL 99	
<b>Oil filter</b> item	00 LP VTL 40		00 LP VTL 40	
<b>Adjustable drip oiler</b> 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).