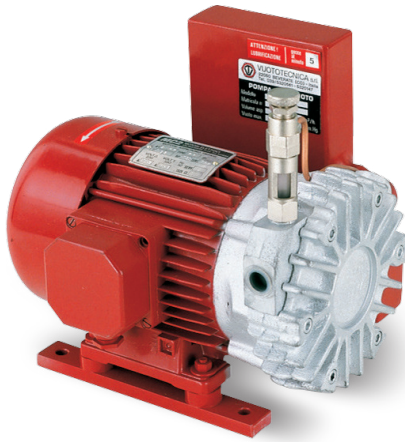


## VACUUM PUMPS VTL 5 and 10

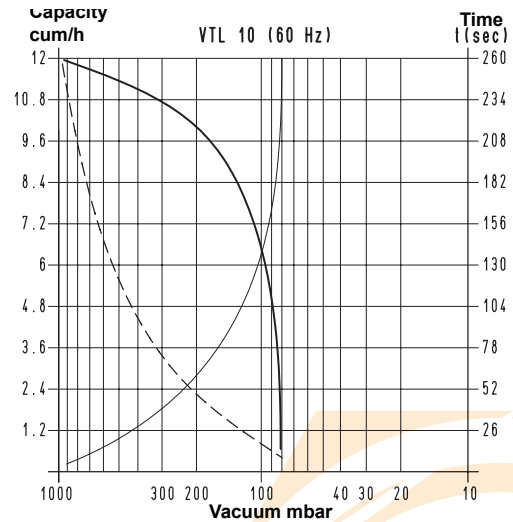
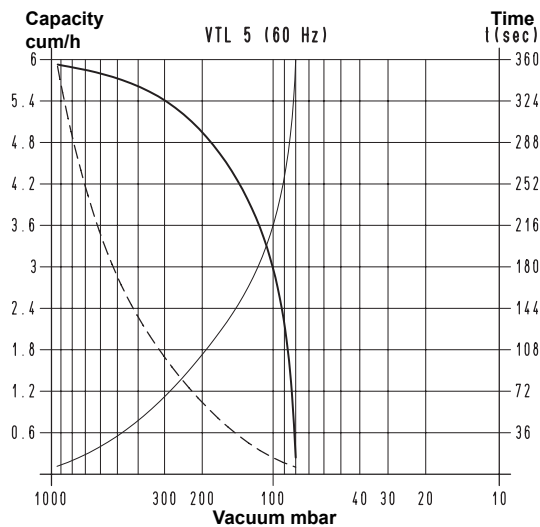
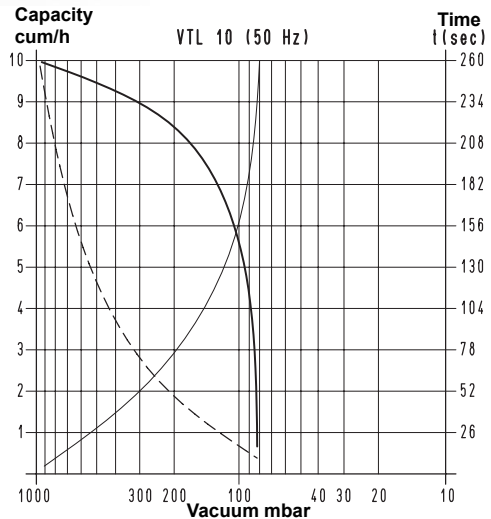
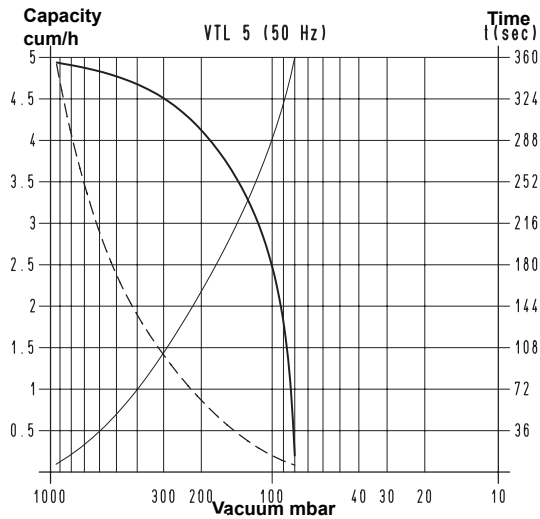


These vacuum pumps have a suction capacity of 5 and 10 cum/h.  
The vacuum lubrication with oil recirculation can be adjusted via an oiler located in correspondence of the suction inlet.

The rotor is cantilevered-fitted on the motor shaft and, as a result, the overall dimensions are reduced.

The motor and the pump are cooled by the motor fan (surface cooling).  
An oil recovery tank is installed on the pump exhaust. This tank contains a separator filtre that prevents oil mists and reduces noise.

We strongly recommend installing a check valve and a filtre on the suction inlet.  
Pumps VTL 5 and 10 can also be supplied with a single-phase electric motor.

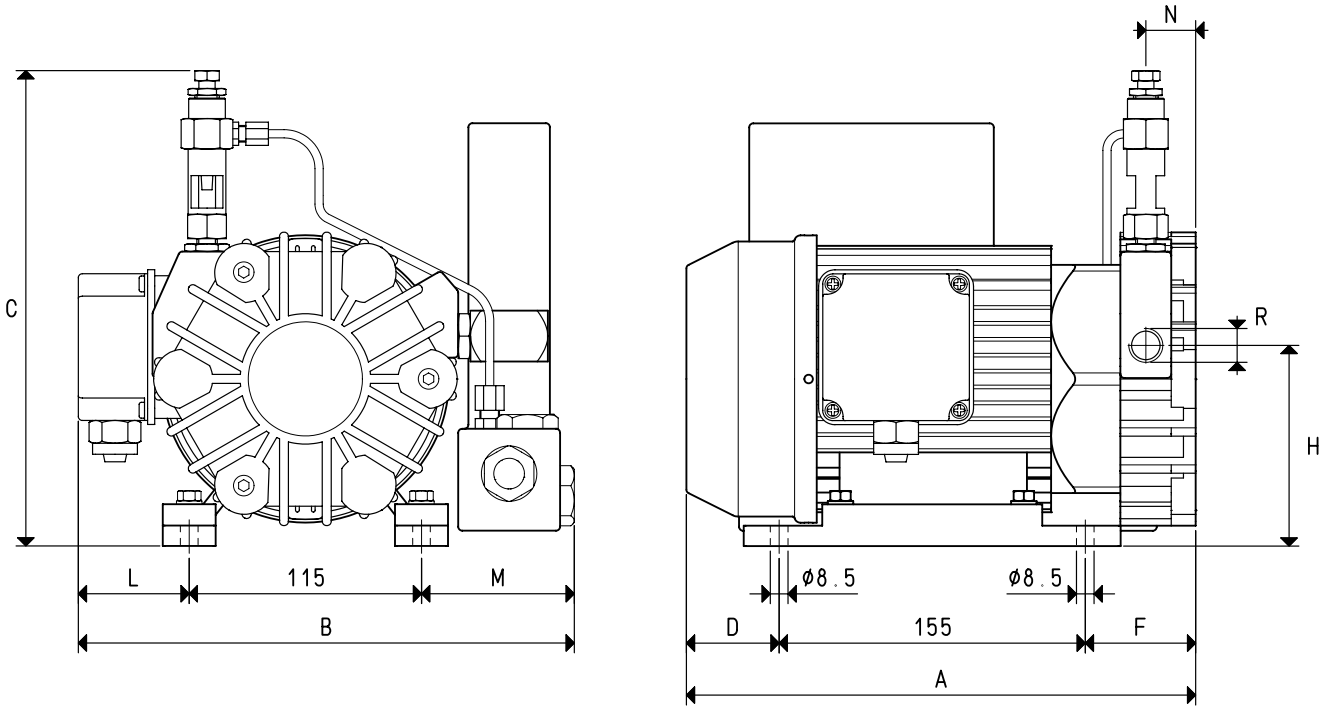


To calculate the emptying time of a volume  $V1$ , apply the formula  $t1 = \frac{t \times V1}{100}$

- 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 5 and 10



Art.		VTL 5		VTL 10	
Frequency		50Hz	60Hz	50Hz	60Hz
Capacity	m³/h	5.0	6.0	10.0	12.0
Final pressure	mbar abs.	80		80	
Motor execution	3~	230/400±10%	275/480±10%	230/400±10%	275/480±10%
Volt	1~	230±10%		230±10%	
Motor power	3~	0.25	0.30	0.35	0.40
Kw	1~	0.25	0.30	0.25	0.30
Motor protection	IP	54		54	
Rotation speed	rev/min <sup>-1</sup>	1450	1740	1450	1740
Motor shape		Special		Special	
Motor size		71		71	
Noise level	dB(A)	62	64	62	64
Max. weight	3~	14.5		20.5	
Kg	1~	15.0		21.0	
A		260		310	
B		245		262	
C		245		245	
D		52		70	
F		53		85	
H		122		122	
L		45		45	
M		85		102	
N		27		52	
R	Ø gas	G3/8"		G1/2"	
Accessories and spare parts					
Oil load	l	0.25		0.40	
Synthetic oil	VT OIL	ISO 32		ISO 32	
6 vanes	art.	00 VTL 05 10		00 VTL 10 10	
Sealing kit	art.	00 KIT VTL 05		00 KIT VTL 10	
Check valve	art.	10 02 10		10 03 10	
Suction filter	art.	FB 10/FC 10		FB 20/FC 20	
Adjustable drip oiler	art.	00 VTL 00 11		00 VTL 00 11	

Note: The pump will be supplied with single-phase electric motor by adding the letter M to the article (E.g.: VTL 5 M).