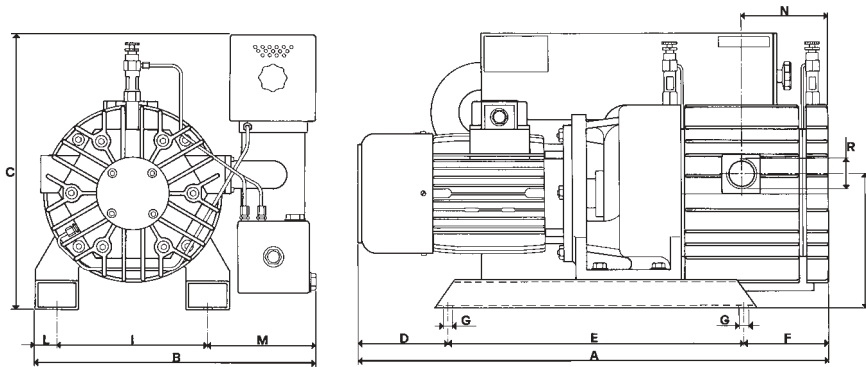




[Vacuum pumps VTL 75/G1, 90/G1, 105/G1]



They are vacuum pumps having a suction capacity of 75, 90 and 105 cum/h.

Lubrication occurs by depression with loop lubrication system and it is adjustable by means of two oilers placed in correspondence of the supporting bearings.

The rotor is splined to its own shaft and is supported by bearings on both sides.

In this series, pump and motor are two independent units and the two shafts are coupled by means of an elastic joint.

Cooling occurs by the surface.

Heat is dispersed from the outer surface, suitably finned, by means of a radial fan placed between motor and pump.

A big tank for the oil recovery is installed on the pump outlet, with built-in oil condensate trap, has the purpose to reduce noise and to eliminate smokes.

It is necessary to install a check valve and a suitable filter on the pump suction inlet to keep possible impurities sucked. This series of pumps can be supplied only with three-phase electric motors.

The table shows all data and technical features of this series of pumps.

VTL		75/G1	90/G1	105/G1
Capacity	cum/h	75	90	105
Final pressure	mbar abs.	50	50	50
Motor execution	volt	230/400±10%, 50Hz		
Motor power	Kw	2.2	3.0	3.0
Motor power	Hp	3	4	4
Rpm		1450	1450	1450
Max weight	Kg	76.5	84.0	97.6
A		640	660	690
B		385	400	400
C		400	400	445
D		163	163	163
E		415	415	415
F		62	82	112
G	∅	12.5	12.5	12.5
H		186	186	186
I		210	210	210
L		30	30	30
M		145	150	160
N		80	92	122
R	∅ gas	1"1/4	1"1/4	1"1/2