

[Vacuum pumps VTLP 75/G1, 90/G1, 105/G1 with oil loss lubrication]



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

They are lubricated by depression with oil loss and lubrication 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.

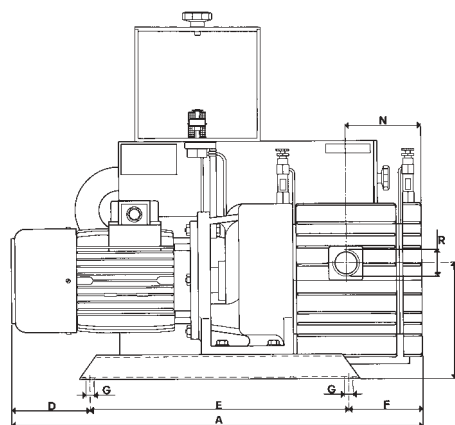
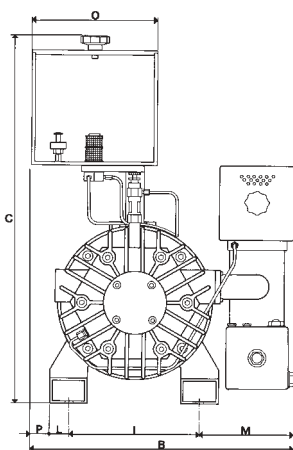
A big tank for the oil recovery is installed on the pump outlet, with built-in oil condensate trap, has the purpose to reduce noise and to eliminate smokes.

A safety valve is incorporated on this tank for the automatic drainage of the used oil between periodical changing. The lubricating oil is contained in a suitable transparent container fixed to the pump by means of its support and is controlled by a magnetic level switch.

In pumps with oil loss lubrication, lubricating oil, sucked into the pump by means of the drop oilers, is drained into the recovery tank together with the air without being put into circulation again.

These pumps are recommended when in the sucked air there are water condensates, solvent vapours or any other thing that may contaminate the lubricating oil.

It is necessary to install a check valve and a suitable filter on the pump suction inlet to keep possible impurities sucked.



VTLP		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	78.3	85.8	99.4
A		640	660	690
B		415	430	430
C		575	575	620
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
O	∅	200	200	200
P		30	30	30