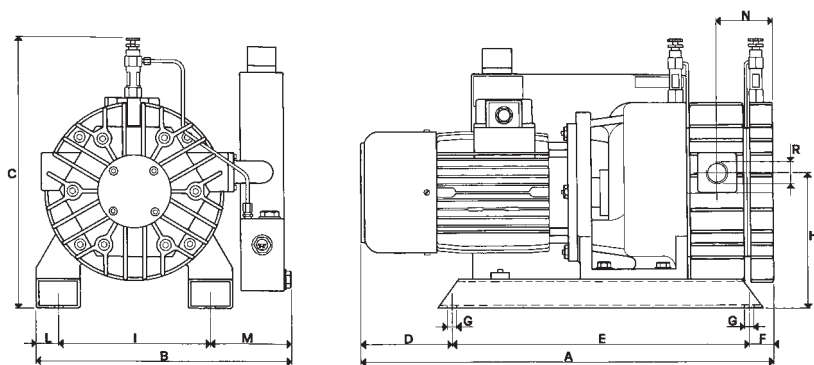


## [Vacuum pumps VTL 40/G1, 50/G1, 65/G1]



They are vacuum pumps having a suction capacity of 40, 50, and 65 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 tank for the oil recovery is installed on the pump outlet, with 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 with three-phase electric motors only.

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

| VTL             |           | 40/G1               | 50/G1 | 65/G1 |
|-----------------|-----------|---------------------|-------|-------|
| Capacity        | cum/h     | 40                  | 50    | 65    |
| Final pressure  | mbar abs. | 50                  | 50    | 50    |
| Motor execution | Volt      | 230/400 ± 10%, 50Hz |       |       |
| Motor power     | Kw        | 1.1                 | 1.5   | 2.2   |
| Motor power     | Hp        | 1.5                 | 2     | 3     |
| Rpm             |           | 1450                | 1450  | 1450  |
| Max weight      | Kg        | 51                  | 54    | 71.5  |
| A               |           | 520                 | 560   | 610   |
| B               |           | 365                 | 365   | 380   |
| C               |           | 350                 | 350   | 350   |
| D               |           | 60                  | 115   | 150   |
| E               |           | 415                 | 415   | 415   |
| F               |           | 45                  | 30    | 45    |
| G               | ∅         | 12.5                | 12.5  | 12.5  |
| H               |           | 186                 | 186   | 186   |
| I               |           | 210                 | 210   | 210   |
| L               |           | 30                  | 30    | 30    |
| M               |           | 125                 | 125   | 140   |
| N               |           | 70                  | 80    | 70    |
| R               | ∅ gas     | 1"                  | 1"    | 1"1/4 |