

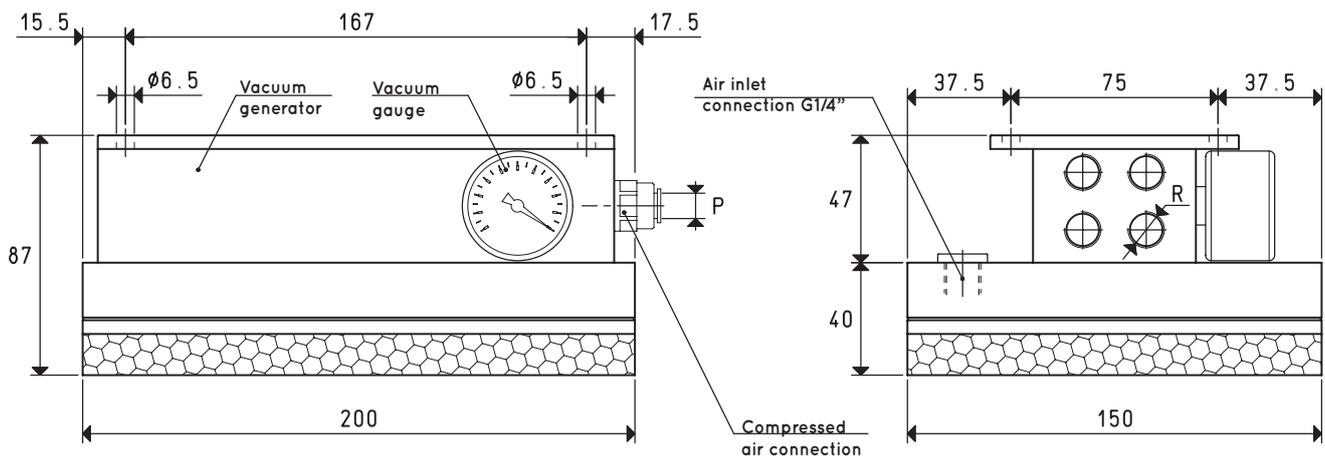


OCTOPUS VACUUM GRIPPING SYSTEM

The OCTOPUS system is a vacuum gripping device equipped with one or more compressed air-fed vacuum generators (included in the item code). It is composed of:

- Main body in anodised aluminium;
 - Anodised aluminium suction plate with evenly spaced calibrated holes and covered with perforated foam rubber, which ensures adaptability to smooth, rough or uneven surfaces;
 - A multi-stage vacuum generator with built-in silencer.
- These OCTOPUS systems are also available upon request in dimensions and with vacuum tables and vacuum generators other than those indicated in the table.

3D drawings are available on vuototecnica.net



Item		SO 15 20 MX
Suction plate	item	PX 15 20
Gripping force	Kg	21.2
Vacuum generator (integrated)	item	N°1 PVP 25 MX PO
Maximum supply pressure	bar	6
Maximum level of vacuum	-KPa	90
Air consumption at 6 bar	NI/s	3.2
Intake air flow rate	m³/h	31.0
Temperature of use	°C	-20 / +80
Weight (including vacuum generator/s)	Kg	2.1
P Connection for compressed air tube	Ø ext.	8
R Exhaust connection	Ø	N° 4 x G1/4"

NOTE: The vacuum generator indicated in the table are included with the OCTOPUS system

NOTE: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.

Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$