

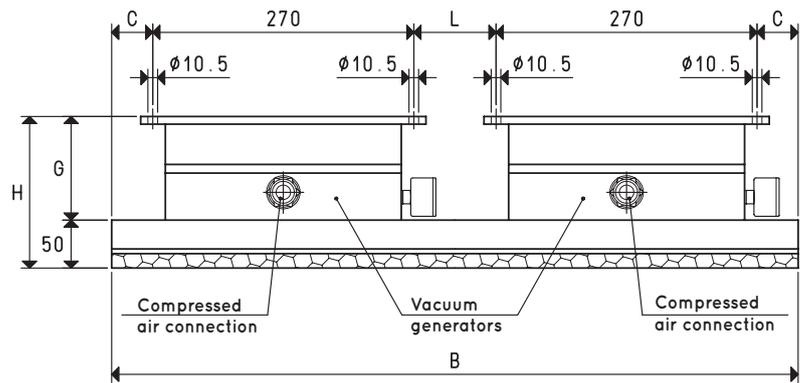
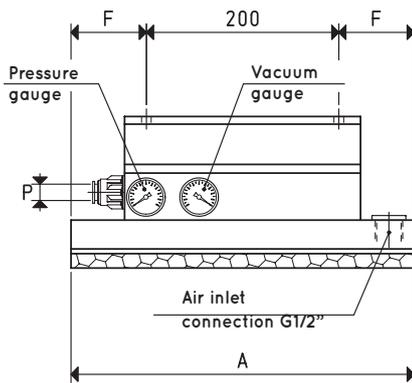


OCTOPUS VACUUM GRIPPING SYSTEM

The OCTOPUS system is a vacuum gripping device equipped with one or more compressed air-fed vacuum generators (not included in the item code and to be ordered separately). 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.

These OCTOPUS systems are also available upon request in dimensions and with vacuum tables and vacuum generators other than those indicated in the table.



Item		SO 40 100 X	SO 60 80 X	SO 60 120 X	SO 80 100 X
Suction plate	item	PX 40 100	PX 60 80	PX 60 120	PX 80 100
Gripping force	Kg	282.6	339.2	508.7	597.4
Fitted for vacuum generators	item	N°2 PVP 300 MD PO	N°2 PVP 300 MD PO	N°2 PVP 450 MD PO	N°2 PVP 450 MD PO
Maximum supply pressure	bar	6	6	6	6
Maximum level of vacuum	-KPa	90	90	90	90
Air consumption at 6 bar	Nl/s	64.0	64.0	95.6	95.6
Intake air flow rate	m ³ /h	800.0	800.0	1160	1160
Temperature of use	°C	-20 / +80	-20 / +80	-20 / +80	-20 / +80
Weight (including vacuum generator/s)	Kg	34.0	37.5	50.0	53.5
A		400	600	600	800
B		1000	800	1200	1000
C		120	70	170	120
F		100	200	200	300
G		108	108	130	130
H		158	158	180	180
L		220	120	320	220
P Connection for compressed air tube	Ø ext.	15	15	22	22

NOTE: The code SO ... X only identifies the OCTOPUS system body with relative suction plate PX.

The vacuum generators indicated in the table are not included with the OCTOPUS system and therefore must be ordered separately with its own code.

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)

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