

[Vacuum generators PVP 40M ÷ 100M]



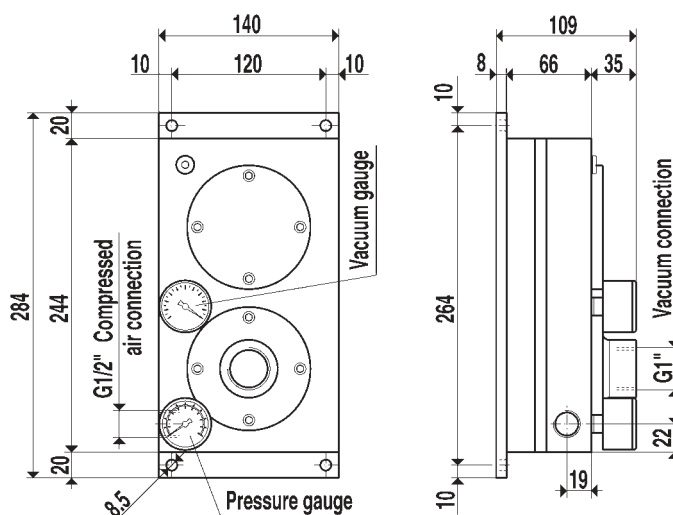
Designed specifically for incorporation in the Octopus lifting system, this new range of vacuum generators with multiple ejectors are very versatile in their applications and represent a real evolution in comparison with traditional vacuum pumps with rotating vanes.

Composed of a new design of ejectors, these generators have an exceptional ratio between the compressed air consumption vs. vacuum airflow offering a very efficient system. They also have the benefit of adjusting the vacuum level simply by changing the compressed air inlet pressure.

One of the particular concerns during the design of these new generators was the noise level and as such, due to the absence of moving parts, which would be subject to vibration and wear, they are very quiet in operation.

Moreover, as their working principle is by venturi, they do not emit heat and as they are constructed of light alloys their weight is very low.

A good filtration of both the compressed air supply and vacuum air intake offers an exhaust discharge free of oil vapour, water condensate or impurities into the working environment, with periodic cleaning of the filters as the only maintenance required.



Art.		PVP 40M	PVP 70M	PVP 100M
Supply pressure	bar (g)	4 5 6	4 5 6	4 5 6
Maximum vacuum level	-KPa	65 82 90	65 82 90	65 82 90
Final pressure	mbar (a)	350 180 100	350 180 100	350 180 100
Air consumption	NI/s	2.4 2.8 3.2	4.8 5.6 6.4	7.2 8.4 9.6
Vacuum air flow	cum/h	32 36 40	56 62 68	80 89 98
Working temperature	°C	-20/+80	- 20/+80	- 20/+80
Weight	Kg	4.2	4.2	4.2

N.B.: All the vacuum values shown in the table are valid at normal atmospheric pressure of 1013 mbar (a) and obtained with a constant supply pressure.