

[Vacuum generators PVP 250M and 300M]



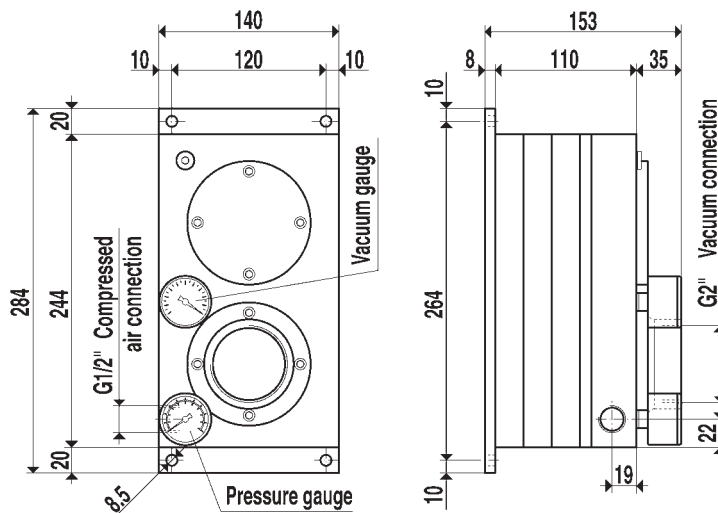
Designed specifically for incorporation in the Octopus lifting system, this new range of vacuum generators with multiple ejectors are very versatile in their applications and represent a real evolution in comparison with traditional vacuum pumps with rotating vanes.

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 250M			PVP 300M		
Supply pressure	bar (g)	4	5	6	4	5	6
Maximum vacuum level	-KPa	70	85	90	70	85	90
Final pressure	mbar (a)	300	150	100	300	150	100
Air consumption	NI/s	18.0	21.0	24.0	21.6	25.2	28.8
Vacuum air flow	cum/h	200	225	250	225	250	300
Working temperature	°C	-20/+80			-20/+80		
Weight	Kg	6			6		

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.