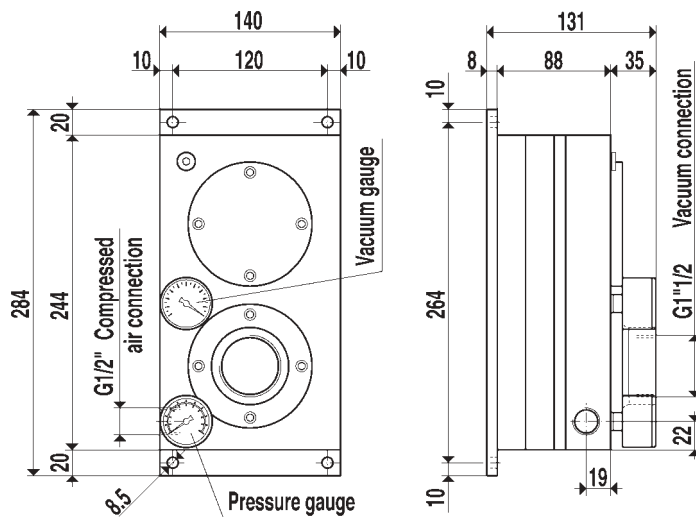




[Vacuum generators PVP 140M ÷ 200M]



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 140M | PVP 170M | PVP 200M |
|----------------------|----------|---------------|----------------|----------------|
| Supply pressure | bar (g) | 4 5 6 | 4 5 6 | 4 5 6 |
| Maximum vacuum level | -KPa | 70 85 90 | 70 85 90 | 70 85 90 |
| Final pressure | mbar (a) | 300 150 100 | 300 150 100 | 300 150 100 |
| Air consumption | NI/s | 9.6 11.2 12.8 | 12.0 14.0 16.0 | 14.4 16.8 19.2 |
| Vacuum air flow | cum/h | 125 140 150 | 140 155 170 | 170 188 198 |
| Working temperature | °C | -20/+80 | -20/+80 | -20/+80 |
| Weight | Kg | 5.1 | 5.1 | 5.1 |

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.