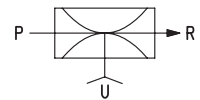
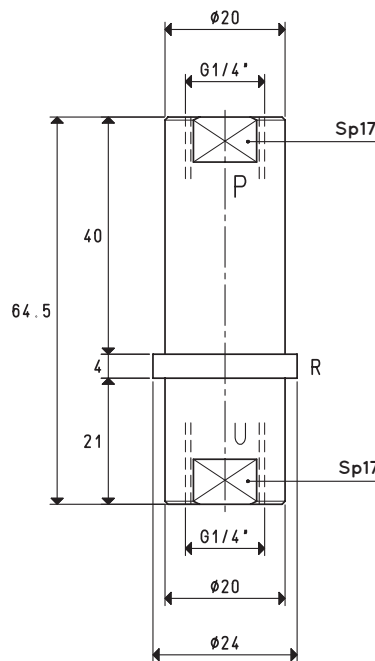


This new range of vacuum generators also makes use of the Venturi principle. Their distinctive feature compared with traditional vacuum generators are the two air and vacuum supply connections located in-line on the same axis, while the exhaust connection of the sucked and exhaust air is orthogonal to them and is located on the generator circumference. These vacuum generators are easy to disassemble, thus allowing visibility and access to all the components. The advantages of these generators include reduced overall dimensions, easy maintenance and easy assembly to the vacuum cup supports or to the vacuum cup holders.

As a standard, they are equipped with pressed stainless steel suction filter and a special microfibre silencer, which is wrapped around the exhaust connection, making them particularly silent. They are fully made with anodised aluminium.



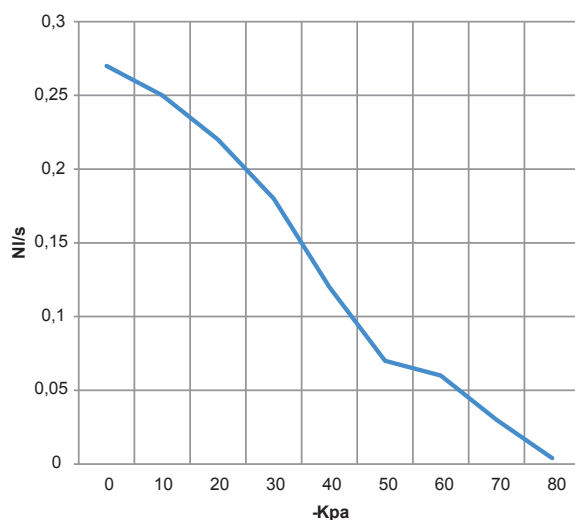
P=COMPRESSED AIR CONNECTION R=EXHAUST U=VACUUM CONNECTION

| Item | | PVP 1 | | |
|--|-------------------|-------|-----------|-----------|
| Intake air flow rate | m ³ /h | 0.9 | 1.0 | 1.0 |
| Maximum level of vacuum | -KPa | 60 | 80 | 85 |
| Final pressure | mbar abs. | 400 | 200 | 150 |
| Supply pressure | bar | 3 | 4 | 5 |
| Optimal supply pressure | bar | | | 5 |
| Air consumption | NI/s | 0.30 | 0.35 | 0.45 |
| Operating temperature | °C | | | -20 / +80 |
| Noise level at optimal supply pressure | dB(A) | | | 62 |
| Weight | g | | | 44 |
| Spare parts | | PVP 1 | | |
| Silencer | item | | 00 15 114 | |
| Suction filter | item | | SP 1/4 I | |

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.

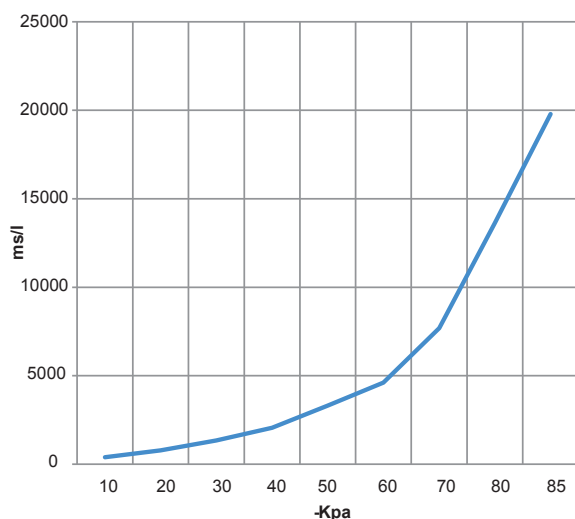
Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard ISO 8573-1 class 4.

Air flow rate (NI/s) at different level of vacuum (-KPa) at optimal supply pressure



| Generator item | Supp. press. bar | Air consumption NI/s | Air flow rate (NI/s) at different levels of vacuums (-KPa) at optimal supply pressure | | | | | | | | | | Max vacuum -KPa |
|----------------|------------------|----------------------|---|------|------|------|------|------|------|------|----|----|-----------------|
| | | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | | |
| PVP 1 | 5.0 | 0.45 | 0.27 | 0.25 | 0.22 | 0.18 | 0.12 | 0.07 | 0.06 | 0.03 | -- | 85 | |

Evacuation rates (ms/l = s/m³) at different levels of vacuums (-KPa) at optimal supply pressure



| Generator item | Supp. press. bar | Air consumption NI/s | Evacuation rates (ms/l = s/m³) at different levels of vacuums (-KPa) at optimal supply pressure | | | | | | | | | | Max vacuum -KPa |
|----------------|------------------|----------------------|---|-----|------|------|------|------|------|-------|-------|----|-----------------|
| | | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 85 | | |
| PVP 1 | 5.0 | 0.45 | 393 | 786 | 1336 | 2057 | 3312 | 4605 | 7690 | 13935 | 19787 | 85 | |