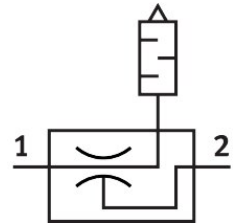


Vacuum generator VN-05-M-T3-PQ2-VQ2-R01

Part number: 193540

FESTO



General operating condition

Data sheet

| Feature | Value |
|--|---|
| Nominal size, Laval nozzle | 0.45 mm |
| Grid dimension | 14 mm |
| Silencer design | Open |
| Mounting position | Any |
| Ejector characteristic | High vacuum Inline |
| Integrated function | Open silencer |
| Design | T-shape |
| Symbol | 00991488 |
| Operating pressure for max. suction flow rate | 6.3 bar |
| Operating pressure | 1 bar ... 8 bar |
| Operating pressure for max. vacuum | 6 bar |
| Max. vacuum | 86 % |
| Nominal operating pressure | 6 bar |
| Max. suction flow rate against atmosphere | 6.1 l/min |
| Air supply time at nominal operating pressure | 4.7 s |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation not possible |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | 0 °C ... 60 °C |
| Sound pressure level at nominal operating pressure | 53 dB(A) |
| Ambient temperature | 0 °C ... 60 °C |
| Max. tightening torque | 0.5 Nm |
| Product weight | 24 g |
| Type of mounting | With through-hole With accessories |
| Pneumatic connection, port 1 | QS-6 |
| Pneumatic connection, port 3 | Open silencer |
| Vacuum connection | QS-6 |
| Material connecting thread | Nickel-plated brass |
| Note on materials | RoHS compliant |
| Material seals | NBR |

| Feature | Value |
|-----------------------------|-------------------------|
| Material receiver nozzle | POM |
| Material housing | Reinforced POM |
| Material silencer | Packaging unit |
| Material transmitter nozzle | Wrought aluminium alloy |
| Material fitting | Brass nickel-plated |