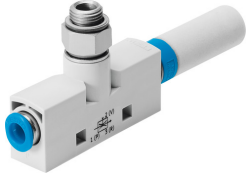


Vacuum generator VN-05-H-T3-PQ2-VA4-R01

Part number: 193526

FESTO



Data sheet

| Feature | Value |
|-----------------------------------------------|------------------------------------------------|
| Nominal width of Laval nozzle | 0.45 mm |
| Width dimension | 14 mm |
| Type code | VN |
| Muffler construction type | Open |
| Mounting position | Any |
| Ejector characteristics | High vacuum Standard |
| Integrated function | Pneumatic muffler open |
| Design | T-shape |
| Symbol | 00991489 |
| Operating pressure for max. suction rate | 2.1 bar |
| Operating pressure | 1 bar ... 8 bar |
| Operating pressure for max. vacuum | 4.5 bar |
| Max. vacuum | 88 % |
| Nominal operating pressure | 6 bar |
| Max. suction rate with respect to atmosphere | 6.2 l/min |
| Air supply time at nominal operating pressure | 4.8 s |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication not possible |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Temperature of medium | 0 °C ... 60 °C |
| Noise level at nominal operating pressure | 53 dB(A) |
| Ambient temperature | 0 °C ... 60 °C |
| Max. tightening torque | 0.5 Nm |
| Product weight | 26 g |
| Type of mounting | With through-hole With accessories |
| Pneumatic connection 1 | QS-6 |
| Pneumatic connection 3 | Pneumatic muffler open |
| Vacuum connection | G1/8 |
| Material of connecting thread | Wrought aluminum alloy Brass, nickel-plated |
| Note on materials | Free of copper and PTFE RoHS-compliant |
| Seals material | NBR |
| Female nozzle material | POM |
| Housing material | POM-reinforced |

| Feature | Value |
|-------------------------------|------------------------|
| Muffler material | PE |
| Material of jet nozzle | Wrought aluminum alloy |
| Material of pneumatic fitting | Brass Nickel-plated |