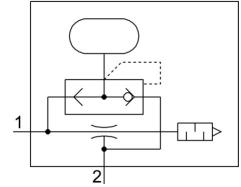
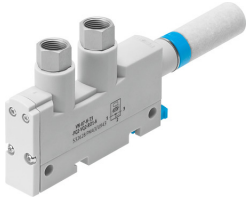


Vacuum generator VN-05-H-T3-PI4-VI4-RO1-A

Part number: 537225

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 | Standard High negative pressure |
| Integrated function | Ejector pulse valve, pneumatic Pneumatic muffler open |
| Design | T-shape |
| Symbol | 00992043 |
| Operating pressure for max. suction rate | 3 bar |
| Operating pressure | 1 bar ... 8 bar |
| Operating pressure for max. vacuum | 4.9 bar |
| Max. vacuum | 92 % |
| Nominal operating pressure | 6 bar |
| Max. suction rate with respect to atmosphere | 7.2 l/min |
| Air supply time at nominal operating pressure | 3.63 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) | 2 - Moderate corrosion stress |
| Temperature of medium | 0 °C ... 60 °C |
| Cleaning advice | Soap suds |
| Noise level at nominal operating pressure | 56 dB(A) |
| Ambient temperature | 0 °C ... 60 °C |
| Max. tightening torque | 0.5 Nm |
| Product weight | 49 g |
| Type of mounting | With through-hole With H-rail With accessories |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 3 | Pneumatic muffler open |
| Vacuum connection | G1/8 |
| Material of connecting thread | Wrought aluminum alloy, anodized |
| Note on materials | Free of copper and PTFE RoHS-compliant |

| Feature | Value |
|------------------------|---------------------------------|
| Seals material | NBR |
| Female nozzle material | POM |
| Housing material | PA-reinforced POM-reinforced |
| Muffler material | PE |
| Material of screws | Steel |
| Material of jet nozzle | Wrought aluminum alloy |