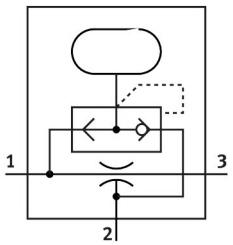
# Vacuum generator
# VN-05-M-I3-PQ2-VQ2-A

Part number: 532624






## Data sheet

| Feature | Value |
|---|---|
| Nominal width of Laval nozzle | 0.45 mm |
| Width dimension | 14.5 mm |
| Mounting position | Any |
| Ejector characteristics | Inline<br>High negative pressure |
| Integrated function | Ejector pulse valve, pneumatic |
| Structural design | Straight design |
| Operating pressure for max. suction rate | 2 bar |
| Operating pressure | 1 bar...8 bar |
| Operating pressure for max. vacuum | 4.3 bar |
| Max. vacuum | 93 % |
| Nominal operating pressure | 6 bar |
| Max. suction rate with respect to atmosphere | 7.2 l/min |
| Air supply time at nominal operating pressure | 4.1 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 |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Temperature of medium | 0 °C...60 °C |
| Cleaning advice | Soap suds |
| Noise level at nominal operating pressure | 66 dB(A) |
| Ambient temperature | 0 °C...60 °C |
| Product weight | 38 g |
| Type of mounting | In-line installation |
| Pneumatic connection 1 | QS-6 |
| Vacuum connection | QS-6 |
| Material of connecting thread | Wrought aluminum alloy, anodized |
| Note on materials | RoHS compliant |
| Seals material | NBR |

| Feature | Value |
|---|---|
| Female nozzle material | POM |
| Housing material | PA-reinforced<br>Reinforced POM |
| Material of screws | Steel |
| Material of jet nozzle | Wrought aluminum alloy |
| Material of pneumatic fitting | Brass<br>Nickel-plated |