

# Vacuum generator VN-05-H-T3-PQ2-VQ2-RO1

Part number: 193488

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature  | Value                                     |
|--|---|
| Nominal size, Laval nozzle                         | 0.45 mm                                   |
| Grid dimension                                     | 14 mm                                     |
| Silencer design                                    | Open                                      |
| Mounting position                                  | optional                                  |
| Ejector characteristic                             | High vacuum<br>Standard                   |
| Integrated function                                | Open silencer                             |
| Design   | T-shape                                   |
| Symbol   | 00991489                                  |
| Operating pressure for max. suction flow 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 flow rate against atmosphere          | 6.2 l/min                                 |
| Air supply time at nominal operating pressure      | 4.8 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<br>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                                       |
| Material receiver nozzle                           | POM                                       |
| Material housing                                   | POM-reinforced                            |
| Material silencer                                  | PE  |

| Feature                     | Value                   |
|-----------------------------|-------------------------|
| Material transmitter nozzle | Wrought aluminium alloy |
| Material fitting            | Brass<br>Nickel-plated  |