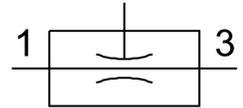


# Vacuum generator VN-14-H-T4-PQ2-VA5-RQ3

FESTO

Part number: 193520



## Data sheet

| Feature                                       | Value   |
|---|---|
| Nominal width of Laval nozzle                 | 1.4 mm  |
| Width dimension                               | 18 mm   |
| Type code                                     | VN  |
| Mounting position                             | Any   |
| Ejector characteristics                       | High vacuum<br>Standard                       |
| Design  | T-shape                                       |
| Symbol  | 00991490                                      |
| Operating pressure for max. suction rate      | 5.1 bar                                       |
| Operating pressure                            | 1 bar ... 8 bar                               |
| Operating pressure for max. vacuum            | 5 bar   |
| Max. vacuum                                   | 88 %  |
| Nominal operating pressure                    | 6 bar   |
| Max. suction rate with respect to atmosphere  | 51.6 l/min                                    |
| Air supply time at nominal operating pressure | 0.5 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                                |
| Ambient temperature                           | 0 °C ... 60 °C                                |
| Max. tightening torque                        | 0.5 Nm  |
| Product weight                                | 33 g  |
| Type of mounting                              | With through-hole<br>With accessories         |
| Pneumatic connection 1                        | QS-6  |
| Pneumatic connection 3                        | QS-8  |
| Vacuum connection                             | G1/4  |
| Material of connecting thread                 | Wrought aluminum alloy                        |
| Note on materials                             | Free of copper and PTFE<br>RoHS-compliant     |
| Seals material                                | NBR   |
| Female nozzle material                        | POM   |
| Housing material                              | POM-reinforced                                |
| Material of jet nozzle                        | Wrought aluminum alloy                        |
| Material of pneumatic fitting                 | Brass<br>Nickel-plated                        |