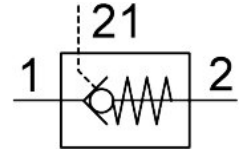


# Piloted check valve HGL-1/8-1/8-B

Part number: 543253

FESTO



## Data sheet

| Feature                                 | Value                                                                                      |
|-----------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                          | Piloted non-return function                                                                |
| Pneumatic connection, port 1            | G1/8                                                                                       |
| Pneumatic connection, port 2            | G1/8                                                                                       |
| Pilot air port 21                       | G1/8                                                                                       |
| Type of actuation                       | Pneumatic                                                                                  |
| Type of mounting                        | Screw-in<br>Via male thread                                                                |
| Operating pressure                      | 0.05 MPa...1 MPa<br>0.5 bar...10 bar                                                       |
| Pilot pressure                          | 0.2 MPa...1 MPa<br>2 bar...10 bar<br>29 psi...145 psi                                      |
| Ambient temperature                     | -10 °C...60 °C                                                                             |
| Operating medium                        | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Maritime classification                 | See certificate                                                                            |
| Mounting position                       | optional                                                                                   |
| Standard flow rate 1->2 (6-0)           | 430 l/min                                                                                  |
| Standard nominal flow rate 1->2 (6-5)   | 300 l/min                                                                                  |
| Note on operating and pilot medium      | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC          | 2 - Moderate corrosion stress                                                              |
| LABS (PWIS) conformity                  | VDMA24364-B2-L                                                                             |
| Cleanroom class                         | Class 4 according to ISO 14644-1                                                           |
| Storage temperature                     | -10 °C...60 °C                                                                             |
| Media temperature                       | -10 °C...60 °C                                                                             |
| Pilot medium                            | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Nominal torque                          | 3.5 Nm                                                                                     |
| Tolerance for nominal tightening torque | ± 10%                                                                                      |
| Product weight                          | 26.2 g                                                                                     |
| Note on materials                       | RoHS-compliant                                                                             |
| Material seals                          | NBR                                                                                        |
| Material hollow bolt                    | Wrought aluminium alloy<br>Anodised                                                        |

| Feature                    | Value         |
|----------------------------|---------------|
| Material release ring      | POM           |
| Material non-return collar | NBR           |
| Material swivel fitting    | Die-cast zinc |