

Piloted check valve HGL-3/8-QS-8

Part number: 530043

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Valve function | Piloted non-return function |
| Pneumatic connection, port 1 | QS-8 |
| Pneumatic connection, port 2 | G3/8 |
| Pilot air port 21 | G1/4 |
| Type of actuation | Pneumatic |
| Type of mounting | Screw-in With male thread |
| Operating pressure | 0.05 MPa ... 1 MPa |
| Operating pressure | 0.5 bar ... 10 bar |
| Pilot pressure | 0.1 MPa ... 1 MPa |
| Pilot pressure | 1 bar ... 10 bar |
| Pilot pressure | 14.5 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 | Any |
| Symbol | 00991456 |
| Standard flow rate 1->2 (6-0) | 1200 l/min |
| Standard nominal flow rate 1->2 (6-5) | 830 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 suitability, measured according to ISO 14644-14 | 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 | 12.5 Nm |
| Tolerance for nominal tightening torque | ±10% |
| Product weight | 54.7 g |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material hollow bolt | Wrought aluminium alloy anodised |
| Material release ring | POM |
| Material non-return collar | NBR |

| Feature | Value |
|-------------------------|---------------|
| Material swivel fitting | Die-cast zinc |