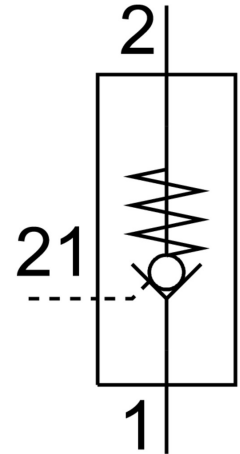


Piloted non return valve HGL-1/2-QS-12

Part number: 530045

FESTO



Data sheet

| Feature | Value |
|--|--|
| Valve function | Unlockable non-return function |
| Pneumatic connection 1 | QS-12 |
| Pneumatic connection 2 | G1/2 |
| Pilot air port 21 | G3/8 |
| Actuation type | Pneumatic |
| Type of mounting | Screw-in With external thread |
| Operating pressure | 0.05 MPa...1 MPa 0.5 bar...10 bar |
| Pilot pressure MPa | 0.1 MPa...1 MPa |
| Pilot pressure | 1 bar...10 bar |
| Pilot pressure psi | 14.5 psi...145 psi |
| Ambient temperature | -10 °C...60 °C |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Maritime classification | See certificate |
| Mounting position | Any |
| Standard flow rate 1->2 (6-0) | 2100 l/min |
| Standard nominal flow rate 1->2 (6-5) | 1400 l/min |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| 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 |
| Temperature of medium | -10 °C...60 °C |

| Feature | Value |
|---|---|
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Nominal tightening torque | 14 Nm |
| Tolerance for nominal tightening torque | ± 10% |
| Product weight | 116.9 g |
| Note on materials | RoHS-compliant |
| Seals material | NBR |
| Hollow bolt material | Wrought aluminum alloy Anodized |
| Releasing ring material | POM |
| Non-return collar material | NBR |
| Swivel joint material | Die-cast zinc |