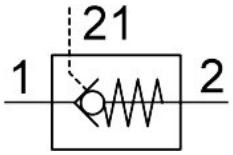
# Piloted non return valve
# HGL-1/8-1/8-B

Part number: 543253






## Data sheet

| Feature | Value |
|---|---|
| Valve function | Unlockable check valve function |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 2 | G1/8 |
| Actuation type | Pneumatic |
| Pilot air port 21 | G1/8 |
| Type of mounting | Screw-in<br>With external thread |
| Operating pressure | 0.05 MPa...1 MPa<br>0.5 bar...10 bar |
| Pilot pressure MPa | 0.2 MPa...1 MPa |
| Pilot pressure | 2 bar...10 bar |
| Pilot pressure psi | 29 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) | 430 l/min |
| Standard nominal flow rate 1->2 (6-5) | 300 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 suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |
| Storage temperature | -10 °C...60 °C |
| Temperature of medium | -10 °C...60 °C |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Nominal tightening torque | 3.5 Nm |
| Tolerance for nominal tightening torque | ±10% |
| Product weight | 26.2 g |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Hollow bolt material | Wrought aluminum alloy<br>Anodized |

| Feature | Value |
|---|---|
| Releasing ring material | POM |
| Non-return collar material | NBR |
| Swivel joint material | Die-cast zinc |