

One-way flow control valve GRLA-3/8-QS-6-RS-B

Part number: 162969

FESTO



Data sheet

| Feature | Value |
|---|--|
| Type code | GRLA |
| Valve function | Exhaust air flow control non-return function |
| Pneumatic connection 1 | QS-6 |
| Pneumatic connection 2 | G3/8 |
| Actuation type | Manual |
| Adjusting element | Knurled screw |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 530 l/min |
| Standard nominal flow rate in non-return direction | 400 l/min ... 550 l/min |
| Ambient temperature | -10 °C ... 60 °C |
| Explosion prevention and protection | Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Mounting position | Any |
| Symbol | 00991452 |
| Operating pressure for entire temperature range | 0.2 bar ... 10 bar |
| Standard flow rate in flow control direction 6 → 0 bar | 720 l/min |
| Standard flow rate in non-return direction at 6 → 0 bar | 600 l/min ... 750 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Storage temperature | -10 °C ... 40 °C |
| Temperature of medium | -10 °C ... 60 °C |
| Nominal tightening torque | 12.5 Nm |
| Tolerance for nominal tightening torque | ± 20% |
| Permissible actuation moment, adjusting screw | 0.4 Nm |
| Product weight | 40 g |
| Material of screwed trunnion | Wrought aluminum alloy |

| Feature | Value |
|-----------------------------|------------------------|
| Note on materials | RoHS-compliant |
| Seals material | NBR TPE-U(PU) |
| Releasing ring material | POM |
| Knurled head material | Wrought aluminum alloy |
| Material of adjusting screw | Brass |
| Swivel joint material | PBT-reinforced |