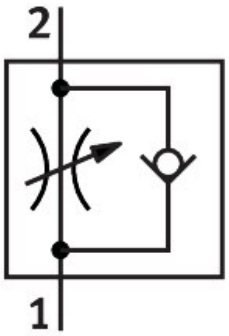
# One-way flow control valve GRLA-3/8-B

Part number: 151178




## Data sheet

| Feature | Value |
|---|---|
| Valve function | Exhaust air one-way flow control function |
| Pneumatic connection, port 1 | G3/8 |
| Pneumatic connection, port 2 | G3/8 |
| Adjustment component | Slotted head screw |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 1450 l/min |
| Standard nominal flow rate in blocked direction | 970 l/min...1600 l/min |
| Ambient temperature | -10 °C...60 °C |
| Maritime classification | See certificate |
| Explosion protection | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Mounting position | Any |
| Operating pressure complete temperature range | 0.3 bar...10 bar |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 2300 l/min |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 1540 l/min...2540 l/min |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |
| Media temperature | -10 °C...60 °C |
| Max. tightening torque | 20 Nm |
| Product weight | 97 g |

| Feature | Value |
|---|---|
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material hollow bolt | Wrought aluminium alloy |
| Material adjusting screw | Brass |
| Material nut | Wrought aluminium alloy |
| Material swivel fitting | Die-cast zinc |