

# One-way flow control valve GRLA-1/2-QB-1/2-U

Part number: 564847

**FESTO**



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air one-way flow control function  |
| Pneumatic connection, port 1  | QB-1/2   |
| Pneumatic connection, port 2  | 1/2 NPT  |
| Type of actuation   | Manual   |
| Adjustment component  | Slotted head screw   |
| Type of mounting  | Screw-in<br>Via male thread  |
| Standard nominal flow rate in flow control direction                          | 216 cfm  |
| Standard nominal flow rate in blocked direction                               | 167 cfm...220 cfm  |
| Ambient temperature   | 32 °F...140 °F   |
| Mounting position   | optional   |
| Operating pressure complete temperature range                                 | -13.8 psi...116 psi  |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 342 cfm  |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)   | 342 cfm...355 cfm  |
| 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 zone III   |
| Media temperature   | 32 °F...140 °F   |
| Max. tightening torque  | 20.7 ft-lbf  |
| Product weight  | 4.2 oz   |
| Material screwed plug   | Brass<br>Nickel-plated   |
| Note on materials   | RoHS-compliant   |
| Material seals  | NBR  |

| Feature                  | Value                  |
|--------------------------|------------------------|
| Material hollow bolt     | Brass<br>Nickel-plated |
| Material release ring    | POM                    |
| Material knurled head    | Brass<br>Nickel-plated |
| Material adjusting screw | Brass<br>Nickel-plated |
| Material swivel fitting  | PBT-reinforced         |