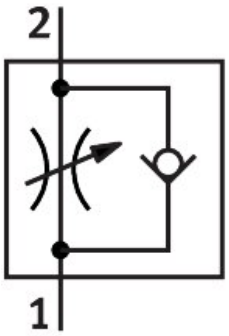
# One-way flow control valve GRLA-3/8-QB-1/2-U

Part number: 534667






## Data sheet

| Feature | Value |
|---|---|
| Valve function | Exhaust air one-way flow control function |
| Pneumatic connection, port 1 | QB-1/2 |
| Pneumatic connection, port 2 | 3/8 NPT |
| Type of actuation | Manual |
| Adjustment component | Slotted head screw |
| Type of mounting | Screw-in<br>With male thread |
| Standard nominal flow rate in flow control direction | 138 cfm |
| Standard nominal flow rate in blocked direction | 106 cfm...141 cfm |
| Ambient temperature | 32 °F...140 °F |
| Mounting position | Any |
| 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) | 227 cfm |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 227 cfm...236 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 | 16.2 ft-lbf |
| Product weight | 2.61 oz |
| Material screwed plug | Brass<br>nickel-plated |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material hollow bolt | Brass |

| Feature | Value |
|---|---|
| | nickel-plated |
| Material release ring | POM |
| Material knurled head | Brass<br>nickel-plated |
| Material adjusting screw | Brass<br>nickel-plated |
| Material swivel fitting | Reinforced PBT |