

# One-way flow control valve GRLA-1/4-QS-6-RS-D

Part number: 534338

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | One-way flow control function                                      |
| Pneumatic connection 1                                    | QS-6   |
| Pneumatic connection 2                                    | G1/4   |
| Adjusting element   | Knurled screw  |
| Type of mounting  | Screw-in<br>With external thread                                   |
| Standard nominal flow rate in flow control direction      | 400 l/min  |
| Standard nominal flow rate in non-return direction        | 290 l/min ... 420 l/min  |
| Operating pressure  | 0.2 bar ... 10 bar   |
| Ambient temperature                                       | -10 °C ... 60 °C   |
| Maritime classification                                   | See certificate  |
| 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   | 600 l/min  |
| Standard flow rate in non-return direction at 6 -> 0 bar  | 570 l/min ... 680 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) |
| LABS (PWIS) conformity                                    | VDMA24364-B1/B2-L  |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1                                   |
| Storage temperature                                       | -10 °C ... 40 °C   |
| Temperature of medium                                     | -10 °C ... 60 °C   |
| Nominal tightening torque                                 | 5 Nm   |
| Product weight  | 50 g   |
| Note on materials   | RoHS compliant   |
| Seals material  | NBR  |
| Hollow bolt material                                      | Wrought aluminum alloy<br>Anodized                                 |
| Releasing ring material                                   | POM  |

| <b>Feature</b>              | <b>Value</b>                       |
|-----------------------------|------------------------------------|
| Knurled head material       | Wrought aluminum alloy<br>Anodized |
| Material of adjusting screw | high-alloy stainless steel         |
| Swivel joint material       | Die-cast zinc                      |