

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

Part number: 534338

**FESTO**



## 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                                                                |
| 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                                 |

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