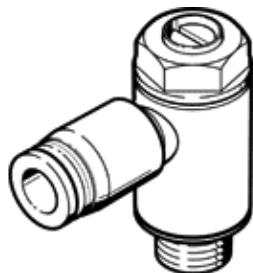


# One-way flow control valve GRLA-1/8-QS-6-D

Part number: 193144

★ Core product range

FESTO



## Data sheet

| Feature                                                                        | Value                                                                       |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Valve function                                                                 | One-way flow control function for exhaust air                               |
| Pneumatic connection, port 1                                                   | QS-6                                                                        |
| Pneumatic connection, port 2                                                   | G1/8                                                                        |
| Adjusting element                                                              | Slotted head screw                                                          |
| Mounting type                                                                  | Threaded                                                                    |
| Standard nominal flow rate in flow control direction                           | 185 l/min                                                                   |
| Standard nominal flow rate in non-return direction                             | 160 ... 240 l/min                                                           |
| Ambient temperature                                                            | -10 ... 60 °C                                                               |
| Maritime classification                                                        | see certificate                                                             |
| Assembly position                                                              | Any                                                                         |
| Operating pressure complete temperature range                                  | 0.2 ... 10 bar                                                              |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)  | 370 l/min                                                                   |
| Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi) | 330 ... 390 l/min                                                           |
| Operating medium                                                               | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium                                             | Lubricated operation possible (subsequently required for further operation) |
| PWIS conformity                                                                | VDMA24364-B1/B2-L                                                           |
| Medium temperature                                                             | -10 ... 60 °C                                                               |
| Nominal tightening torque                                                      | 3 Nm                                                                        |
| Tolerance for nominal tightening torque                                        | ± 10 %                                                                      |
| Product weight                                                                 | 22 g                                                                        |
| Material of threaded plug                                                      | Wrought Aluminum alloy                                                      |
| Materials note                                                                 | Conforms to RoHS                                                            |
| Material seals                                                                 | NBR                                                                         |
| Material release ring                                                          | POM                                                                         |
| Material adjusting screw                                                       | Brass                                                                       |
| Material swivel fitting                                                        | Zinc die-casting<br>Chromed                                                 |