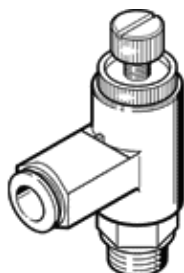


# One-way flow control valve GRLA-1/4-QS-6-RS-B

Part number: 162967

**FESTO**

With knurled screw and lock nut



## Data sheet

Feature	values
Valve function	One-way flow control function for exhaust air
Pneumatic connection, port 1	QS-6
Pneumatic connection, port 2	G1/4
Type of actuation	manual
Adjusting element	Knurled screw
Mounting type	Threaded
Standard nominal flow rate in flow control direction	520 l/min
Standard nominal flow rate in non-return direction	400 ... 550 l/min
Ambient temperature	-10 ... 60 °C
Assembly position	Any
Operating pressure complete temperature range	0.2 ... 10 bar
Standard flow rate in direction of flow control: 6 → 0 bar	720 l/min
Standard flow rate in blocked direction: 6 → 0 bar	600 ... 750 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)
Storage temperature	-10 ... 40 °C
Medium temperature	-10 ... 60 °C
Nominal tightening torque	11 Nm
Tolerance for nominal tightening torque	± 10 %
Permissible actuation moment, regulating screw	0.4 Nm
Product weight	30 g
Materials information for screw-in stud	Wrought Aluminum alloy
Materials note	Conforms to RoHS
Materials information for seals	NBR TPE-U(PU)
Release ring material data	POM
Material information, knurled head	Wrought Aluminum alloy
Regulating screw material data	Brass
Swivel joint material data	PBT-reinforced