

One-way flow control valve GRLA-1/2-QS-12-RS-D

Part number: 534344

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Valve function	One-way flow control function
Pneumatic connection, port 1	QS-12
Pneumatic connection, port 2	G1/2
Adjustment component	Knurled screw
Type of mounting	Screw-in Via male thread
Standard nominal flow rate in flow control direction	1580 l/min
Standard nominal flow rate in blocked direction	925 l/min ... 1605 l/min
Operating pressure	0.2 bar ... 10 bar
Ambient temperature	-10 °C ... 60 °C
Maritime classification	See certificate
Mounting position	optional
Symbol	00991452
Operating pressure complete temperature range	0.2 bar ... 10 bar
Standard flow rate in flow control direction 0.6-→0 MPa (6-→0 bar, 87-→0 psi)	2220 l/min
Standard flow rate in non-return direction 0.6-→0 MPa (6-→0 bar, 87-→0 psi)	1910 l/min ... 2500 l/min
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-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 4 according to ISO 14644-1
Storage temperature	-10 °C ... 40 °C
Media temperature	-10 °C ... 60 °C
Nominal torque	15 Nm
Product weight	124 g
Note on materials	RoHS-compliant
Material seals	NBR
Material hollow bolt	Wrought aluminium alloy Anodised

Feature	Value
Material release ring	POM
Material knurled head	Wrought aluminium alloy Anodised
Material adjusting screw	High-alloy stainless steel
Material swivel fitting	Die-cast zinc