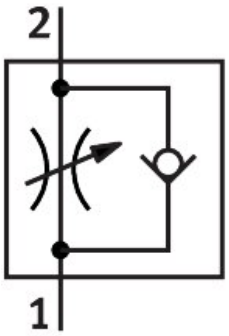
One-way flow control valve
GRLA-1/2-QS-12-RS-D

Part number: 534344





Data sheet

Feature	Value
Valve function	Exhaust air 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 With 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	0.02 MPa...1 MPa 0.2 bar...10 bar 2.9 psi...145 psi
Ambient temperature	-10 °C...60 °C
Maritime classification	See certificate
Mounting position	Any
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	23 Nm
Tolerance for nominal tightening torque	±20%

Feature	Value
Product weight	124 g
Note on materials	RoHS compliant
Material seals	NBR
Material hollow bolt	Wrought aluminium alloy anodised
Material release ring	POM
Material knurled head	Wrought aluminium alloy anodised
Material adjusting screw	Brass
Material nut	Wrought aluminium alloy
Material swivel fitting	Die-cast zinc