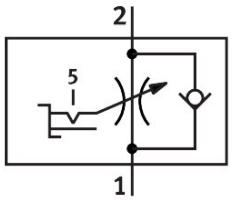
One-way flow control valve
GRLSA-1/8-QS-6

Part number: 540661





Data sheet

Feature	Value
Valve function	Exhaust air flow control non-return function
Pneumatic connection 1	QS-6
Pneumatic connection 2	G1/8
Actuation type	Manual
Adjusting element	Internal hex
Type of mounting	Screw-in
Standard nominal flow rate in flow control direction	0 l/min...250 l/min
Standard nominal flow rate in non-return direction	180 l/min...310 l/min
Ambient temperature	-10 °C...60 °C
Mounting position	Any
Operating pressure for entire temperature range	0.2 bar...10 bar
Standard flow rate in flow control direction 6 -> 0 bar	0 l/min...410 l/min
Standard flow rate in non-return direction at 6 -> 0 bar	430 l/min...540 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-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	3.5 Nm
Tolerance for nominal tightening torque	±20%
Product weight	19.5 g
Seals material	NBR
Hollow bolt material	Wrought aluminum alloy Anodized
Releasing ring material	POM
Material of adjusting screw	PA-reinforced
Swivel joint material	Die-cast zinc