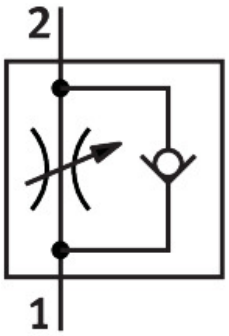
One-way flow control valve
GRLA-1/2-QB-3/8-U

Part number: 564846





General operating condition

Data sheet

Feature	Value
Valve function	Exhaust air flow control non-return function
Pneumatic connection 1	QB-3/8
Pneumatic connection 2	1/2 NPT
Actuation type	Manual
Adjusting element	Slotted screw
Type of mounting	Screw-in With external thread
Standard nominal flow rate in flow control direction	5313.56 l/min
Standard nominal flow rate in non-return direction	4093.22 l/min ... 5427.966 l/min
Ambient temperature	0 °C ... 60 °C
Mounting position	Any
Symbol	00991452
Operating pressure for entire temperature range	-0.951 bar ... 7.998 bar
Standard flow rate in flow control direction 6 -› 0 bar	7589 l/min
Standard flow rate in non-return direction at 6 -› 0 bar	7588.983 l/min ... 7894.068 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 zone III
Temperature of medium	0 °C ... 60 °C
Max. tightening torque	28.065 Nm
Product weight	109.147 g
Material of screwed plug	Brass Nickel-plated
Note on materials	RoHS-compliant
Seals material	NBR
Hollow bolt material	Brass Nickel-plated
Releasing ring material	POM
Knurled head material	Brass Nickel-plated

Feature	Value
Material of adjusting screw	Brass Nickel-plated
Swivel joint material	PBT-reinforced