

One-way flow control valve GR-QB-1/2-U

Part number: 534685

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Valve function	One-way flow control function
Pneumatic connection, port 1	QB-1/2
Pneumatic connection, port 2	QB-1/2
Type of actuation	Manual
Adjustment component	Slotted head screw
Type of mounting	With through-hole
Standard nominal flow rate in flow control direction	1779.66 l/min
Standard nominal flow rate in blocked direction	1372.881 l/min ... 1614.407 l/min
Operating pressure	-0.951 bar ... 7.998 bar
Ambient temperature	0 °C ... 60 °C
Material housing	PBT-reinforced PBT-reinforced
Mounting position	optional optional
Symbol	00991453 00991453
Standard flow rate in flow control direction 0.6-10 MPa (6-10 bar, 87-10 psi)	2949.2 l/min
Standard flow rate in non-return direction 0.6-10 MPa (6-10 bar, 87-10 psi)	2110.169 l/min ... 2567.797 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] 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) Lubricated operation possible (in which case lubricated operation will always be required)
LABS (PWIS) conformity	VDMA24364 zone III VDMA24364 zone III
Media temperature	0 °C ... 60 °C
Product weight	119.07 g

Feature	Value
Material screwed plug	Brass Nickel-plated Brass Nickel-plated
Note on materials	RoHS-compliant RoHS-compliant
Material seals	NBR NBR
Material release ring	POM POM
Material knurled head	Brass Nickel-plated Brass Nickel-plated
Material adjusting screw	Brass Nickel-plated Brass Nickel-plated