

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 1	QB-1/2
Pneumatic connection 2	QB-1/2
Actuation type	Manual
Adjusting element	Slotted screw
Type of mounting	With through-hole
Standard nominal flow rate in flow control direction	1779.66 l/min
Standard nominal flow rate in non-return direction	1372.881 l/min ... 1614.407 l/min
Operating pressure	-0.951 bar ... 7.998 bar
Ambient temperature	0 °C ... 60 °C
Housing material	PBT-reinforced PBT-reinforced
Mounting position	Any Any
Symbol	00991453 00991453
Standard flow rate in flow control direction 6 → 0 bar	2949.2 l/min
Standard flow rate in non-return direction at 6 → 0 bar	2110.169 l/min ... 2567.797 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] 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) Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity	VDMA24364 Zone III VDMA24364 Zone III
Temperature of medium	0 °C ... 60 °C
Product weight	119.07 g
Material of screwed plug	Brass Nickel-plated Brass Nickel-plated
Note on materials	RoHS compliant RoHS compliant

Feature	Value
Seals material	NBR NBR
Releasing ring material	POM POM
Knurled head material	Brass Nickel-plated Brass Nickel-plated
Material of adjusting screw	Brass Nickel-plated Brass Nickel-plated