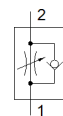
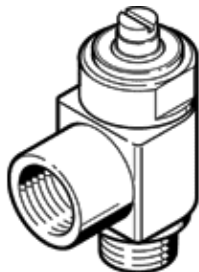


one-way flow control valve CRGRLA-1/2-B

Part number: 161407

FESTO

Corrosion resistant,
with swivel joint and female thread.



Data sheet

Feature	Value
Valve function	One-way flow control function
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Type of actuation	manual
Adjusting element	Slotted head screw
Mounting type	Threaded
Standard nominal flow rate in flow control direction	2,100 l/min
Standard nominal flow rate in non-return direction	1550 ... 2200 l/min
Operating pressure MPa	0.03 ... 1 MPa
Operating pressure	0.3 ... 10 bar 4.35 ... 145 psi
Ambient temperature	-20 ... 80 °C
Maritime classification	see certificate
Assembly position	Any
Ability to swivel	360° / no continuous swivelling permissible
Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)	4,265 l/min
Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi)	3550 ... 4325 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
PWIS conformity	VDMA24364-B2-L
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 4
Storage temperature	-10 ... 40 °C
Food-safe	See Supplementary material information
Medium temperature	-10 ... 60 °C
Nominal size	10.6 mm
Max. tightening torque	40 Nm
Permissible actuation moment, regulating screw	3 Nm
Product weight	262.3 g
Materials note	Conforms to RoHS
Material seals	FPM PVC
Material hollow bolt	High alloy steel
Material adjusting screw	High alloy steel, non-corrosive
Material swivel fitting	High alloy steel, non-corrosive