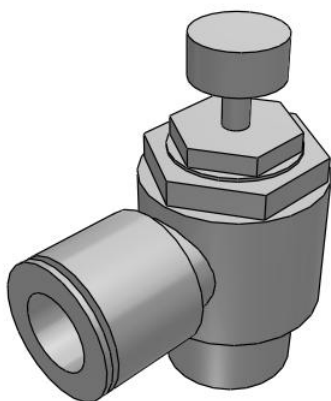


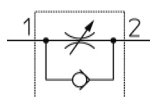


Elbow - AS*2*1F AS4201F-04-12S

Datasheet

General series information

- Port Size: M3, M5, 10-32 UNF, 1/8, 1/4, 3/8, 1/2
- Applicable Tubing O.D.: Ø 2 to Ø 12 mm and Ø 1/8" to Ø 1/2"
- Operating Pressure Range: 0.1 to 1 MPa.

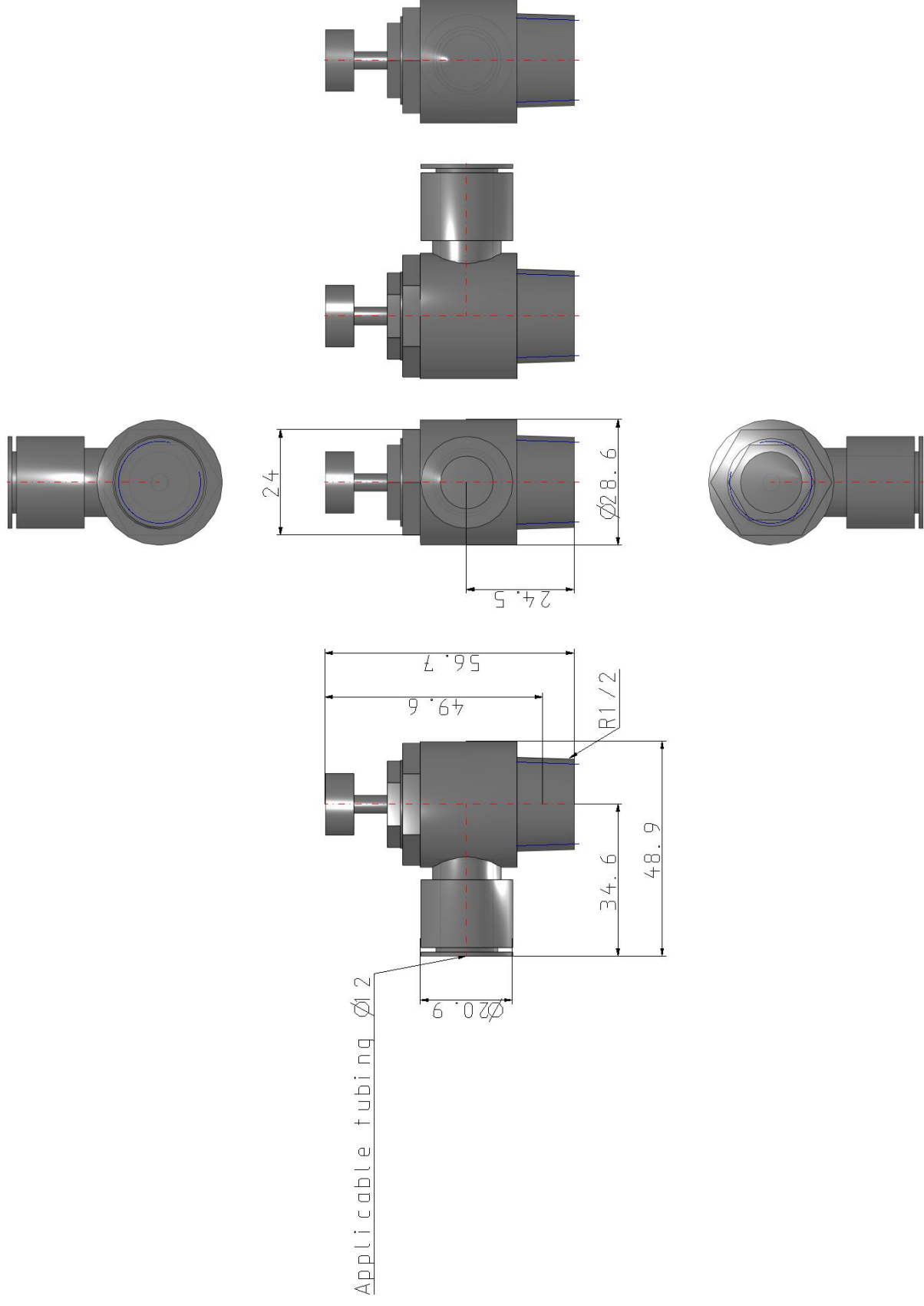


Flow control valve, adjustable, with reverse free flow

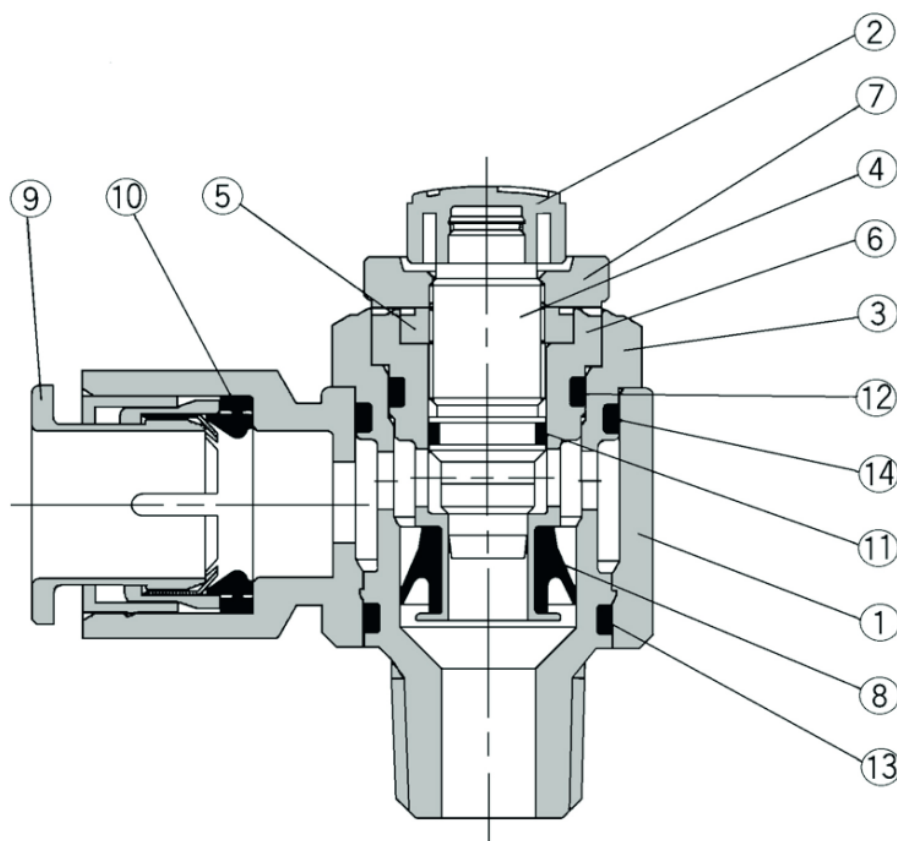
Standard specifications

Size	42 (1/2 Basis - elbow)
Control Method	0 (Meter-out)
Port Size and Tube Size	04-12 (Port Size R1/2 - Tube Size ø12)
Option	S (Sealant)
Fixed Orifice	None
Made to Order	None
Lock Nut	Standard (Hexagon)
Pressure medium	Air
Maximum operating pressure	1 MPa
Minimum operating pressure	0.1 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-5 °C
Applicable tubing material	Nylon, Soft nylon, Polyurethane
Weight	0.101 Kg

Dimensions



Constructions



Component Parts

No.	Description	
①	Body A	PBT
②	Handle	PBT ⁽¹⁾
③	Body B	Brass ⁽²⁾
④	Needle	Brass
⑤	Needle guide	Brass
⑥	Seat ring	Brass
⑦	Lock nut	Steel
⑧	U-packing	HNBR
⑨	Cassette	POM, Stainless steel
⑩	Packing	NBR
⑪	O ring	NBR
⑫	O ring	NBR
⑬	O ring	NBR
⑭	O ring	NBR

Note 1) AS12□1F-M3-02 and AS12□1F-M5-02 are made of electroless nickel plated brass.

Note 2) AS12□1F-M3: Stainless

Note 3) AS22□1F, AS32□1F-02: Electroless nickel plated

Note 4) Meter-in type: Black zinc chromated

Additional information

Catalogue

[AS_2-3_1F-A_EU.pdf](#)

Operation manuals

[OM_ASx2x1F_OMG0107EN-B.pdf](#)