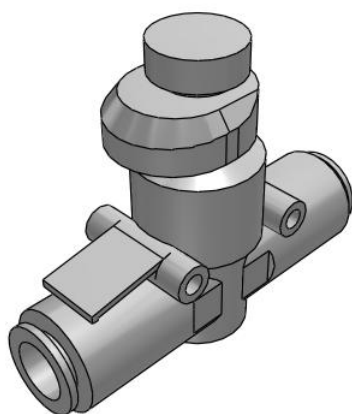


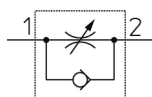


## In-line - AS\*2FS AS4002FS-12

### Datasheet

### General series information

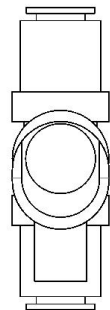
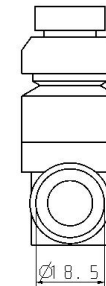
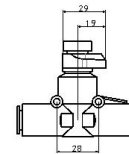
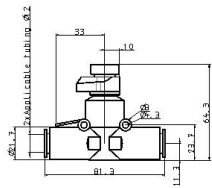
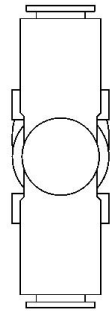
- Applicable Tubing O.D.: Ø 3.2 to Ø 12 mm and Ø 1/8" to Ø 1/2"
- Operating Pressure Range: 0.1 to 1 MPa.



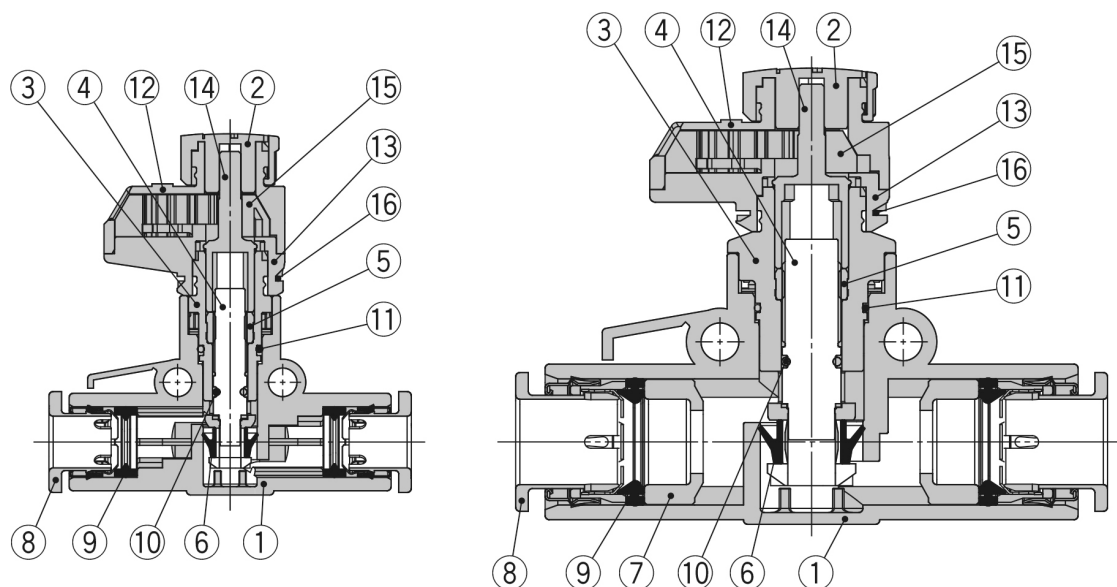
*Flow control valve, adjustable, with reverse free flow*

### Standard specifications

|                             |                                 |
|-----------------------------|---------------------------------|
| Body Size                   | 400 (1/2 Standard)              |
| Indicator Direction         | 0°                              |
| Applicable Tube O.D.        | 12 (ø12)                        |
| 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                      | 0.048 Kg                        |



## Constructions



### Component Parts

| No. | Description           | Material        | Note                       |
|-----|-----------------------|-----------------|----------------------------|
| 1   | <b>Body A</b>         | PBT             |                            |
| 2   | <b>Knob</b>           | POM             |                            |
| 3   | <b>Body B</b>         | PBT             |                            |
| 4   | <b>Needle</b>         | PBT             |                            |
| 5   | <b>Needle guide</b>   | Brass           | Electroless nickel plating |
| 6   | <b>U-seal</b>         | HNBR            |                            |
| 7   | <b>Spacer</b>         | PBT*1           |                            |
| 8   | <b>Cassette</b>       | —               |                            |
| 9   | <b>Seal</b>           | NBR             |                            |
| 10  | <b>O-ring</b>         | NBR             |                            |
| 11  | <b>O-ring</b>         | NBR             |                            |
| 12  | <b>Bonnet A</b>       | POM             |                            |
| 13  | <b>Bonnet B</b>       | POM             |                            |
| 14  | <b>Gear</b>           | PPS             |                            |
| 15  | <b>Indicator gear</b> | POM             |                            |
| 16  | <b>Clip</b>           | Stainless steel |                            |

\*1 The AS3002FS□-11, AS4002FS□-11, AS4002FS□-13 are made of electroless nickel plated brass.

## Additional information

Catalogue

[AS-FS-B\\_in-line\\_EU.pdf](#)