

## Elbow - AS\*2\*1FS AS1201FS-M5E-06

### Datasheet

### General series information

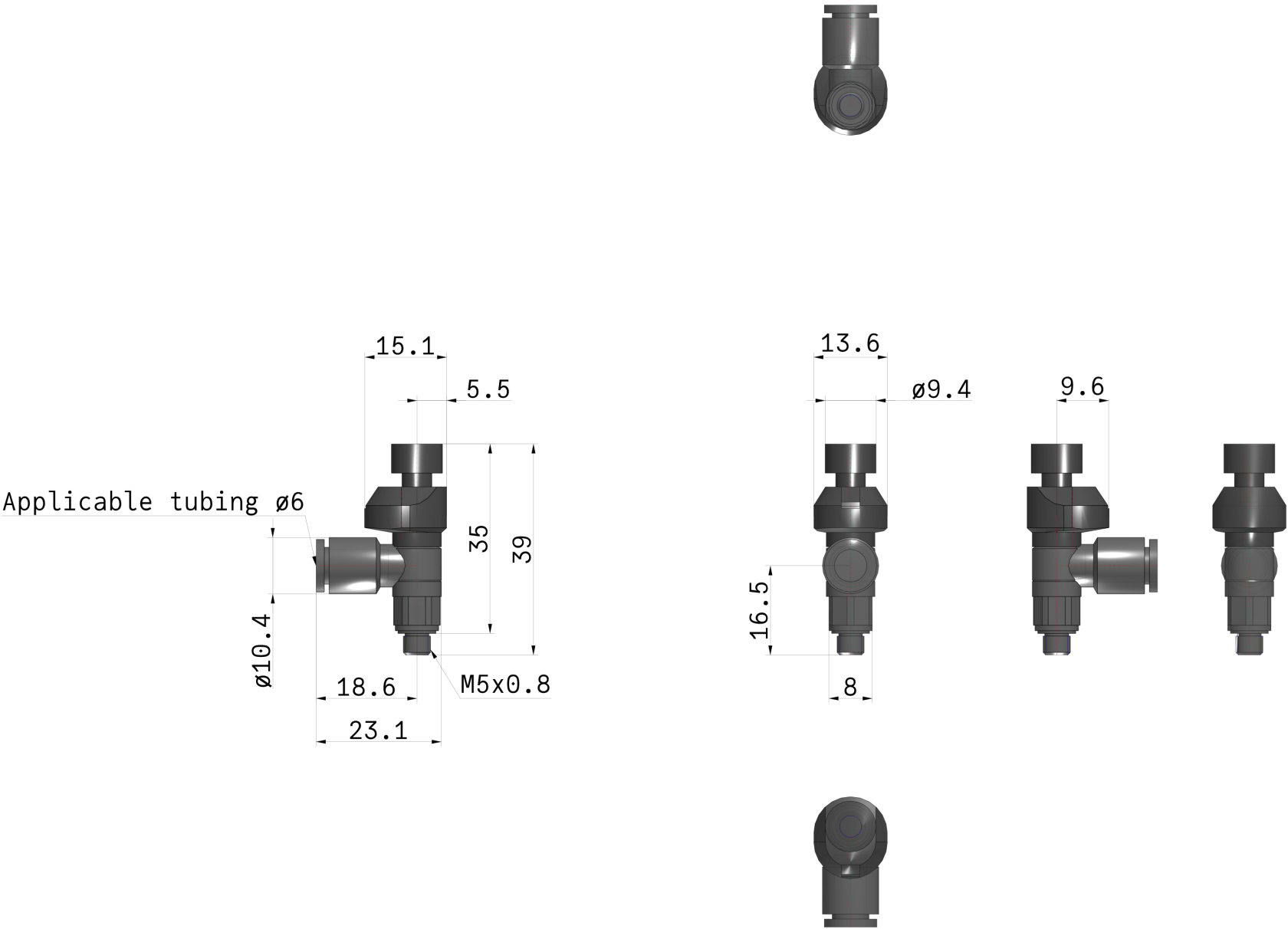
- Port Size: M5, 10-32 UNF, 1/8, 1/4, 3/8, 1/2
- Applicable Tubing O.D.: Ø 2 to Ø 16 mm and Ø 1/8" to Ø 1/2"
- Operating Pressure Range: 0.1 to 1 MPa.



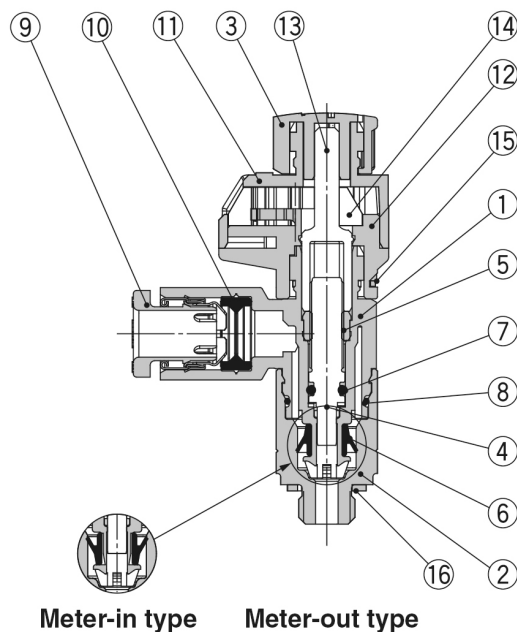
Flow control valve, adjustable, with reverse free flow

### Standard specifications

|                             |                                 |
|-----------------------------|---------------------------------|
| Clean Series                | None                            |
| Body Size                   | 1 (M5 x 0.8, 10-32UNF)          |
| Type                        | 2 (Elbow)                       |
| Control Type                | 0 (Meter-out)                   |
| Indicator Direction         | 0°                              |
| Thread                      | R (or None)                     |
| Port Size                   | M5 (M5 x 0.8)                   |
| Width Across Flats          | E (8 mm)                        |
| Tubing                      | 06 (ø6)                         |
| Seal                        | w/o Sealant                     |
| Made to Order               | None                            |
| 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                      | 0.008 Kg                        |



## Constructions



### Component Parts

| No. | Description    | Material            | Note                       |
|-----|----------------|---------------------|----------------------------|
| 1   | Body A         | PBT                 |                            |
| 2   | Body B         | Brass               | Electroless nickel plating |
| 3   | Knob           | POM                 |                            |
| 4   | Needle         | PBT                 |                            |
| 5   | Needle guide   | Brass               | Electroless nickel plating |
| 6   | U-seal         | HNBR                |                            |
| 7   | O-ring         | NBR                 |                            |
| 8   | O-ring         | NBR                 |                            |
| 9   | Cassette       | —                   |                            |
| 10  | Seal           | NBR                 |                            |
| 11  | Bonnet A       | POM                 |                            |
| 12  | Bonnet B       | POM                 |                            |
| 13  | Gear           | POM                 |                            |
| 14  | Indicator gear | POM                 |                            |
| 15  | Clip           | Stainless steel     |                            |
| 16  | Gasket         | NBR/Stainless steel |                            |
| 17  | Seal           | NBR                 |                            |

## Additional information

Catalogue

[AS-FS-D\\_EU.pdf](#)