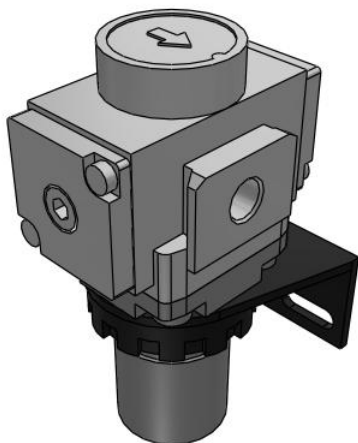
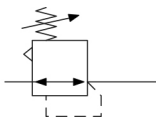




## AR20(\*)-B to AR60(\*)-B, Regulator & Regulator w/Backflow Function AR20-F01B-1-B

### Datasheet

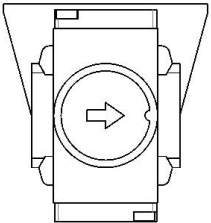
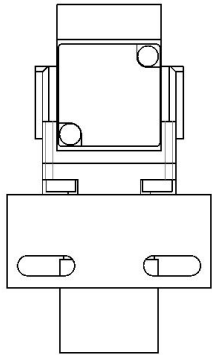
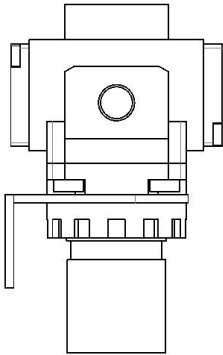
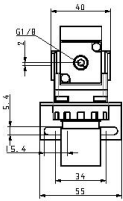
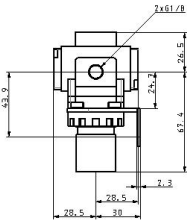
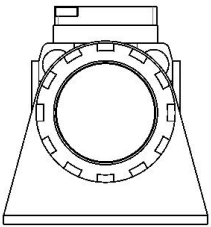


Pressure control valve, relieving pressure regulator, adjustable

### Standard specifications

|                            |                                   |
|----------------------------|-----------------------------------|
| Made to Order 1            | None                              |
| Body Size                  | 20                                |
| Backflow Function          | None                              |
| Thread                     | F (G)                             |
| Port                       | 01 (1/8)                          |
| Option                     | B (With bracket)                  |
| Semi-standard              | 1 (Set Pressure: 0.02 to 0.2 MPa) |
| Made to Order 2            | None                              |
| -                          | Air                               |
| Maximum operating pressure | 1.0 MPa                           |
| Proof pressure             | 1.5 MPa                           |
| Weight                     | 0.208 Kg                          |

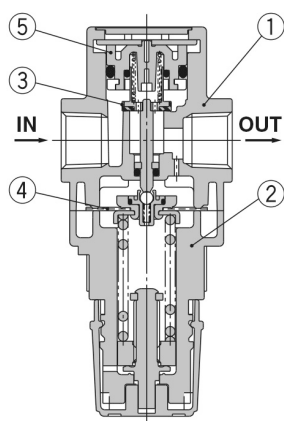
Dimensions



# Constructions

## Construction

### AR20(K)-B/AR25(K)-B



### Component Parts

| No. | Description | Material           | Model                                             | Colour |
|-----|-------------|--------------------|---------------------------------------------------|--------|
| 1   | Body        | Zinc die-cast      | AR10-A                                            | White  |
|     |             | Aluminium die-cast | AR20(K)-B to AR60(K)-B                            |        |
| 2   | Bonnet      | Polyacetal         | AR10-A                                            | White  |
|     |             | Aluminium die-cast | AR20(K)-B to AR40(K)-B<br>AR50(K)-B/<br>AR60(K)-B |        |

### Replacement Parts

#### [AR10-A]

| No. | Description          | Material   | Part no.    |
|-----|----------------------|------------|-------------|
| 3   | Valve                | HNBR       | AR10P-090S  |
| 4   | Piston assembly      | Polyacetal | AR10P-150AS |
| 5   | Valve guide assembly | Polyacetal | 131329      |

#### [AR20(K)-B to AR60(K)-B]

| No. | Description                        | Material        | Part no.     |             |
|-----|------------------------------------|-----------------|--------------|-------------|
|     |                                    |                 | AR20(K)-B    | AR25(K)-B   |
| 3   | Valve                              | Brass, HNBR     | AR20P-410S   | AR25P-410S  |
| 4   | Diaphragm assembly                 | Weatherable NBR | AR20P-150AS  | AR25P-150AS |
| 5   | Valve guide assembly               | Polyacetal      | AR20P-050AS  | AR25P-050AS |
| 6   | Check valve assembly <sup>*1</sup> | —               | AR23KP-020AS |             |

<sup>\*1</sup> Check valve assembly is applicable for a regulator with backflow function (AR20K-B to AR60K-B) only.  
Assembly of a check valve cover, check valve body assembly and 2 mounting screws

## Additional information

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Catalogue            | <a href="#">AC-B-B_EU.pdf</a>                                                    |
| Installation manuals | <a href="#">IM_ARx_SMV43EN.pdf</a>                                               |
| Operation manuals    | <a href="#">OM_AR-B_OMS0056EN.pdf</a><br><a href="#">OM_ARxK-B_OMT0015EN.pdf</a> |