

# Water Regulator

## Pressure adjustment of water line

### Model/Specifications

| Model                         | WR110-□-X224              | WR110-□-X215              |
|-------------------------------|---------------------------|---------------------------|
| Port size                     | Rc 1/8, 1/4               | Rc 1/8, 1/4, NPT 1/8, 1/4 |
| Fluid *1                      | Water                     |                           |
| Ambient and fluid temperature | -5 to 60 °C (No freezing) |                           |
| Proof pressure                | 1.72 MPa                  |                           |
| Maximum operating pressure    | 0.8 MPa                   |                           |
| Set pressure range            | 0.08 to 0.39 MPa          | 0.05 to 0.69 MPa          |
| Pressure gauge port size      | Rc 1/8, 1/4               | Rc 1/8, 1/4, NPT 1/8, 1/4 |
| Weight [kg]                   | 0.26                      |                           |

\*1: Cannot be used with deionised water.

\*: When using a bracket, order the B21-1P separately.

\*: The pressure gauge is optional (sold separately). Refer to the table on the right.



Body material: Special brass

### How to Order

Set pressure range: 0.08 to 0.39 MPa

**WR110-02-X224**

• Port size

|    |        |
|----|--------|
| 01 | Rc 1/8 |
| 02 | Rc 1/4 |

Set pressure range: 0.05 to 0.69 MPa

**WR110-□-02-X215**

• Thread type

|   |     |
|---|-----|
| — | Rc  |
| N | NPT |

• Port size

|    |     |
|----|-----|
| 01 | 1/8 |
| 02 | 1/4 |

### Pressure Gauge/Option (Sold separately)



For details, refer to the catalogues on [www.smc.eu](http://www.smc.eu).

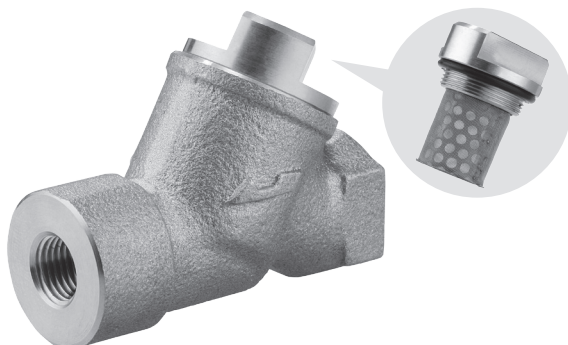
| Model              | Pressure range*1 | Indication unit | Connection thread | Note |
|--------------------|------------------|-----------------|-------------------|------|
|                    | MPa              |                 |                   |      |
| G46-4-01 to 02-SRB | 0 to 0.4         | MPa             | R 1/8<br>R 1/4    | —    |
| G46-7-02-SRB       | 0 to 0.7         |                 | R 1/4             |      |
| G46-10-02-SRB      | 0 to 1.0         |                 |                   |      |

\*1: Do not apply more pressure than the max. pressure displayed. It may cause a malfunction.

### Related Equipment

#### Water Strainer Series WF300

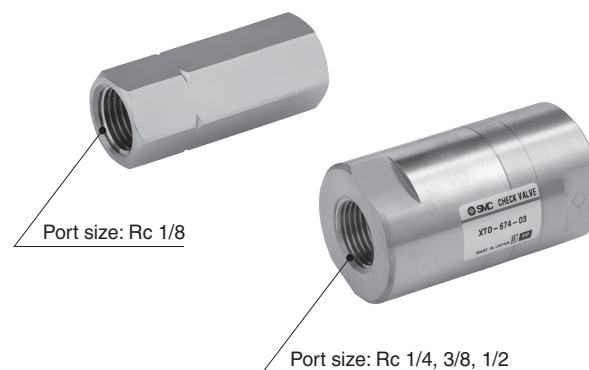
Body material: Bronze  
Mesh: 100/70/50/25 mesh



#### Check Valve

**INA-14-290/XTO-674-□□**

Body material: Brass



**WR110-□-X224/WR110-□-X215**

**SMC**

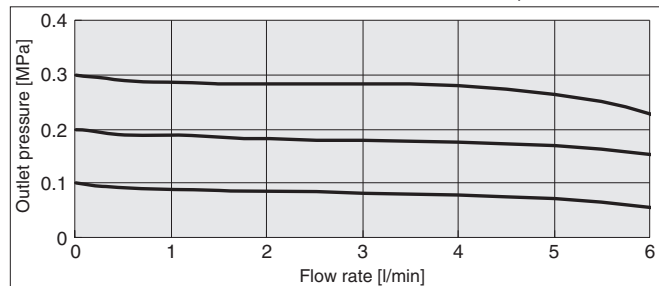
14-EU627-UK

# WR110-□-X224/WR110-□-X215

## Flow Rate Characteristics Conditions/Fluid: Water, Port size: Rc1/4

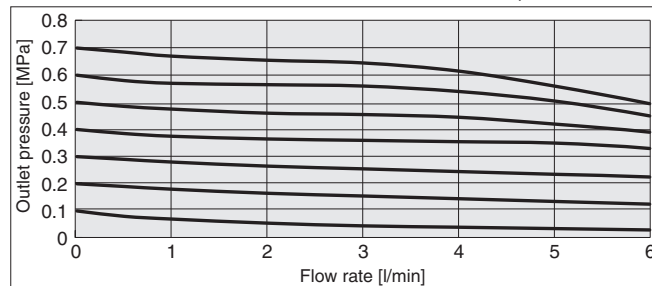
### WR110-02-X224

Inlet pressure: 0.6 MPa

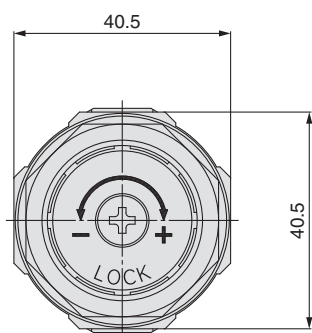
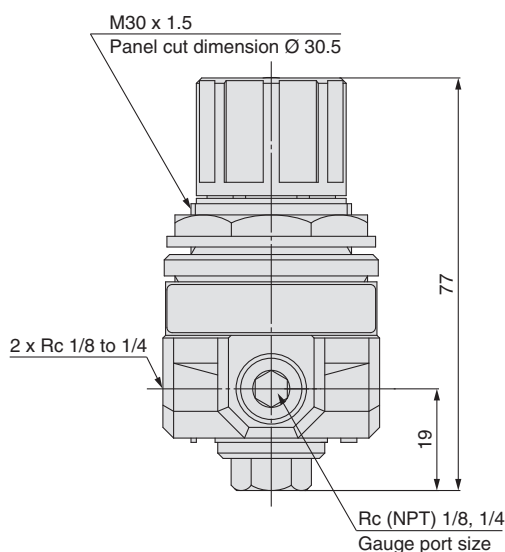


### WR110-02-X215

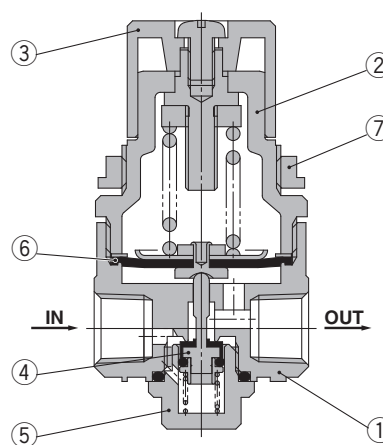
Inlet pressure: 0.8 MPa



## Dimensions



## Construction



### Component Parts

| No. | Description        | Material                              |
|-----|--------------------|---------------------------------------|
| 1   | Body               | Special brass                         |
| 2   | Bonnet             | Nylon                                 |
| 3   | Knob               | ABS                                   |
| 5   | Valve guide        | Special brass                         |
| 6   | Diaphragm assembly | Weather resistant NBR/Stainless steel |
| 7   | Set nut            | ZDC (Black zinc chromated)            |

### Replacement Parts

| No. | Description | Material            | Part number |
|-----|-------------|---------------------|-------------|
| 4   | Valve       | Stainless steel/NBR | 1349173-5   |

## SMC Corporation

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