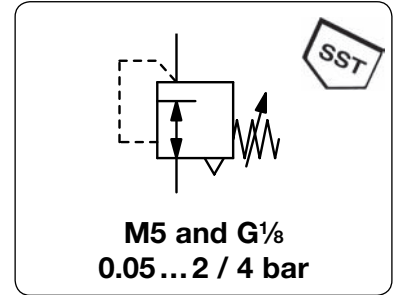


# Precision Pressure Regulator Made of Stainless Steel, for Pure Gases

RE2

|                             |  |                          |         |
|-----------------------------|--|--------------------------|---------|
| <b>Description</b>          | Diaphragm pressure regulator made of stainless steel suitable for pure gases and panel mounting. compressed air or gases                                   |                          |         |
| <b>Media</b>                | max. 10 bar  |                          |         |
| <b>Supply pressure</b>      | max. 10 bar  |                          |         |
| <b>Accuracy</b>             | setting accuracy: < 0.3% FS  | Repeatability:           | < 1% FS |
| <b>Air consumption</b>      | max. 0.5 l/min, subject to outlet pressure<br>The compressed air can be directly transmitted into the clean room without any piping.                       |                          |         |
| <b>Adjustment</b>           | by plastic knob with snap-lock   |                          |         |
| <b>Relieving function</b>   | relieving  | <b>Mounting position</b> | any     |
| <b>Gauge port</b>           | M5 or G $\frac{1}{8}$ on both sides of the body, depending on connection thread, screw plugs supplied  |                          |         |
| <b>Clean room condition</b> | Cleaned, assembled, inspected and sealed in a class 10,000 environment. All parts without oil use. HFC1416 ultrasonic cleaning of all fluid-contact parts. |                          |         |
| <b>Temperature range</b>    | 0 °C to 60 °C / 32 °F to 140 °F  |                          |         |
| <b>Material</b>             | Body: stainless steel 316, material no. 1.4436   | Elastomer:               | FKM     |
|                             | Spring cage: PPS plastic   | Valve seat:              | PTFE    |



| Dimensions |      |      | K <sub>v</sub> value (m <sup>3</sup> /h) | Flow rate           |         | Connection thread M5/G | Pressure range bar | Order number |
|------------|------|------|--|---------------------|---------|------------------------|--------------------|--------------|
| A mm       | B mm | C mm |  | m <sup>3</sup> /h*1 | l/min*1 |                        |                    |              |

| Precision pressure regulator |    |    |      |     |     |                 | supply pressure max. 10 bar, relieving, with constant bleed | RE2     |
|------------------------------|----|----|------|-----|-----|-----------------|---|---------|
| 30                           | 75 | 14 | 0.20 | 3.6 | 60  | M5              | 0.05...2  | RE2-M5B |
|                              |    |    |      |     |     |                 | 0.10...4  | RE2-M5C |
| 40                           | 75 | 15 | 0.25 | 6   | 100 | G $\frac{1}{8}$ | 0.05...2  | RE2-01B |
|                              |    |    |      |     |     |                 | 0.10...4  | RE2-01C |



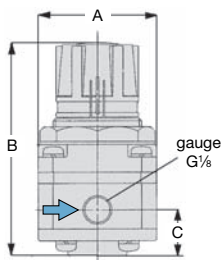
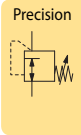
RE2-M5C, including mounting nut

## Accessories, enclosed

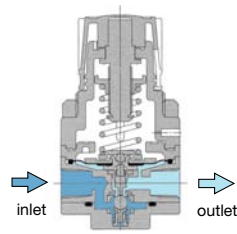
mounting bracket      mounting nut at the device      BW30-04S



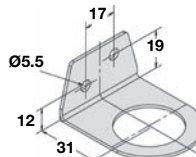
RE2-01C, including mounting nut



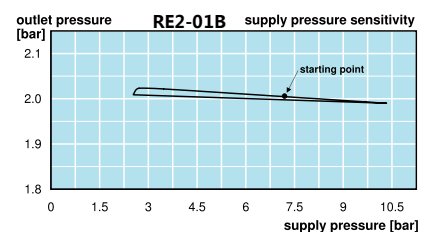
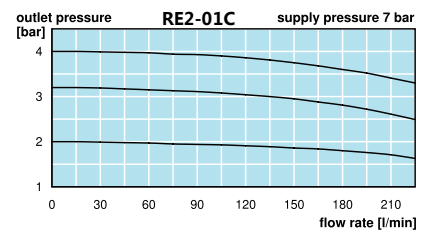
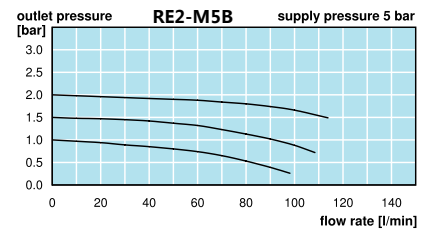
RE2



cross section



BW30-04S



\*1 at 7 bar supply pressure and 4 bar outlet pressure



Order example:  
RE2-M5B

China website: www.duray-control.cn