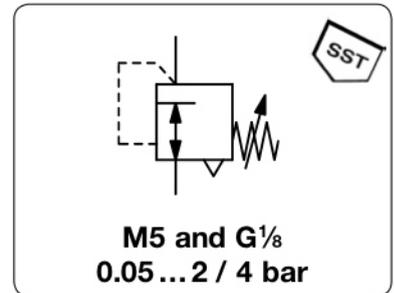


RE1 - Régulateur de pression de précision, pour salles blanches, préparé et emballé en classe 10 000, sans huile, nettoyé aux ultrasons

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



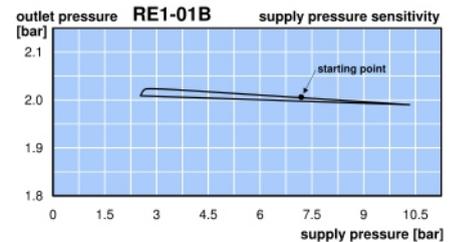
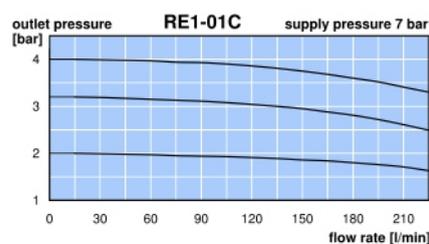
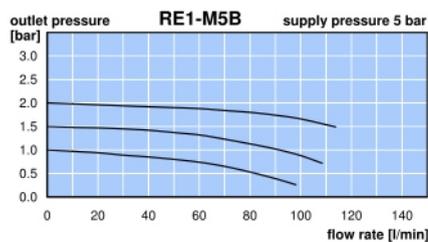
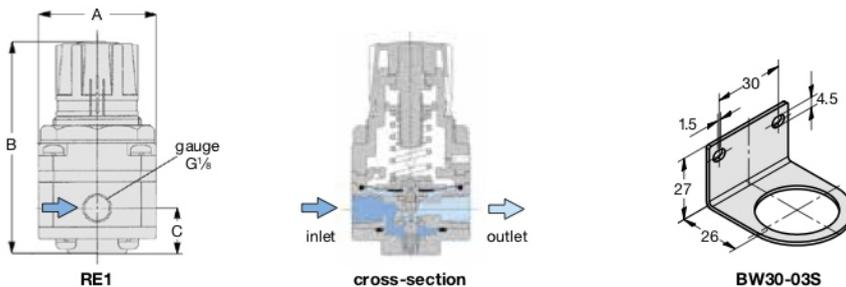
| Dimensions | | | K _v -value (m ³ /h) | Flow rate | | Connection thread M5/G | Pressure range bar | Order number |
|------------|---|---|--|---------------------|---------|---------------------------|-----------------------|--------------|
| A | B | C | | m ³ /h*1 | l/min*1 | | | |

| Precision pressure regulator | | | supply max. 10 bar, relieving, with internal air consumption | | | | RE1 | |
|------------------------------|----|----|--|-----|-----|-----------------|----------------------|--------------------|
| 30 | 75 | 14 | 0,20 | 3.6 | 60 | M5 | 0.05...2 0.10...4 | RE1-M5B RE1-M5C |
| 40 | 75 | 15 | 0,25 | 6 | 100 | G $\frac{1}{8}$ | 0.05...2 0.10...4 | RE1-01B RE1-01C |



Accessories, enclosed

mounting bracket mounting nut at the device **BW30-03S**



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