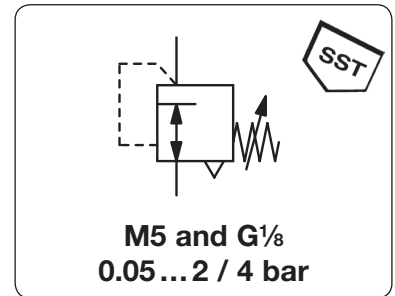


<b>Description</b>	Diaphragm pressure regulator made of stainless steel suitable for pure gases and panel mounting. compressed air or gases		
<b>Media</b>	max. 10 bar		
<b>Supply pressure</b>	max. 10 bar		
<b>Accuracy</b>	setting accuracy: < 0.3% FS	Repeatability:	< 1% FS
<b>Air consumption</b>	max. 0.5 l/min, subject to outlet pressure 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	RE1
30	75	14	0.20	3.6	60	M5	0.05...2	RE1-M5B
							0.10...4	RE1-M5C
40	75	15	0.25	6	100	G $\frac{1}{8}$	0.05...2	RE1-01B
							0.10...4	RE1-01C



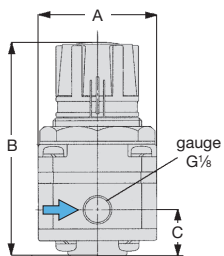
RE1-M5C, including mounting nut

## Accessories, enclosed

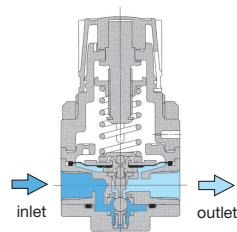
mounting bracket      mounting nut at the device      **BW30-04S**



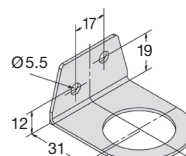
RE1-01C, including mounting nut



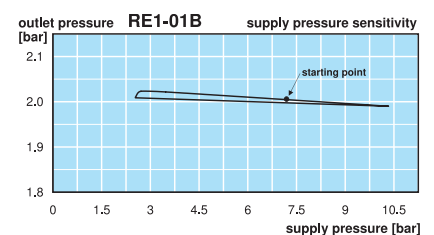
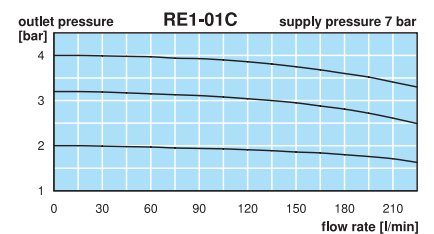
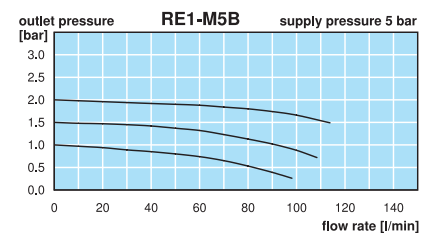
RE1



cross section



BW30-04S



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