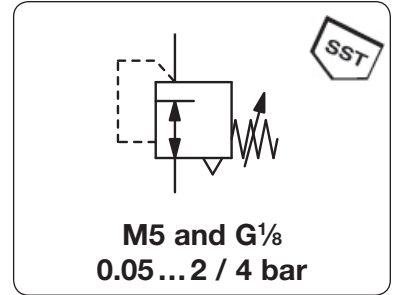


Description	Diaphragm pressure regulator made of stainless steel suitable for cleanroom environment and panel mounting.		
Media	compressed air or gases	Supply pressure	max. 10 bar
Accuracy	setting accuracy: < 0.3% FS	Repeatability:	< 1% FS
Air consumption	max. 0.5 l/min, subject to outlet pressure	The compressed air can be directly transmitted into the cleanroom without any piping.	
Adjustment	by plastic knob with snap-lock		
Relieving function	relieving		
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



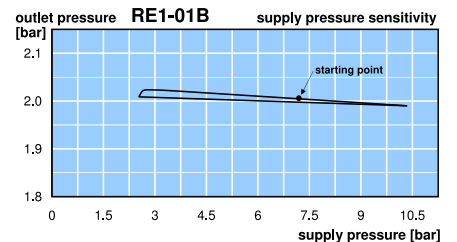
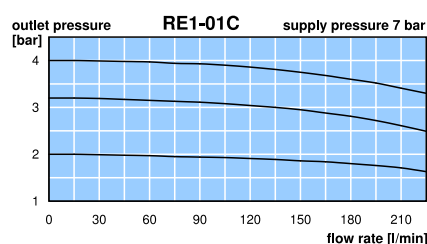
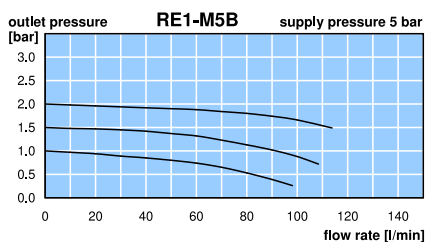
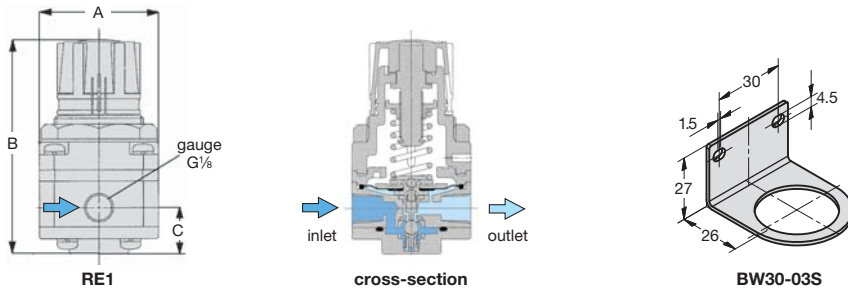
Dimensions			K _v -value (m ³ /h)	Flow rate		Connection thread	Pressure range bar	Order number
A	B	C		m ³ /h*1	l/min*1			
mm	mm	mm				M5/G		

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	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



Accessories

mounting bracket	mounting nut at the device	BW30-03S
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*1 at 7 bar supply pressure and 4 bar outlet pressure

