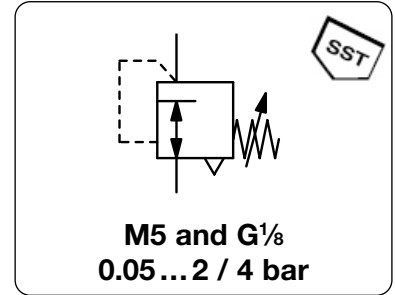


Description	Diaphragm pressure regulator made of stainless steel suitable for cleanroom environment and panel mounting.	
Media	compressed air or gases	Supply pressure max. 10 bar
Accuracy	setting accuracy: < 0.3% FS	Repeatability: < 1% FS
Air consumption	max. 0.5 l/min, subject to outlet pressure The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



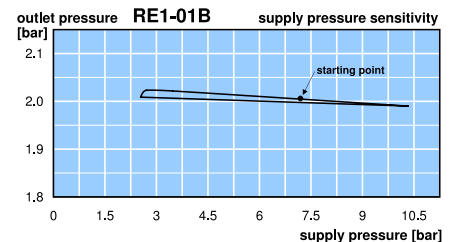
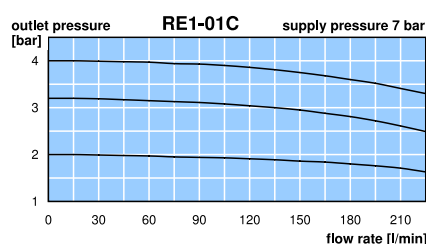
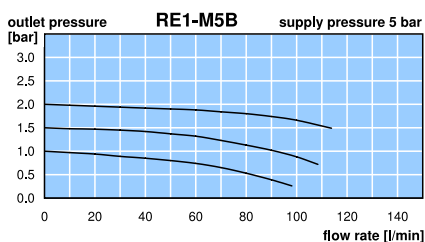
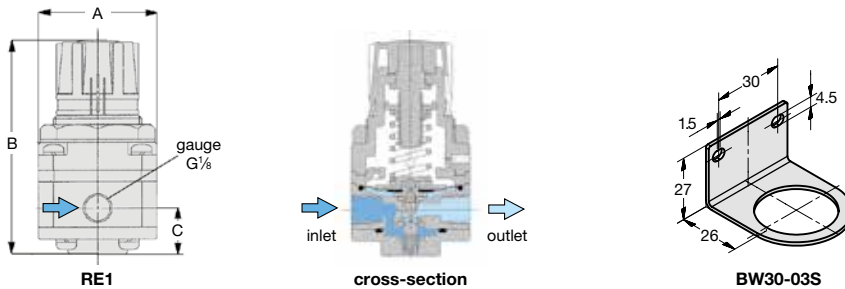
RE1-M5,
incl. mounting nut



RE1-01,
incl. mounting nut

Accessories, enclosed

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



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

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net



Order example:
RE1-M5B