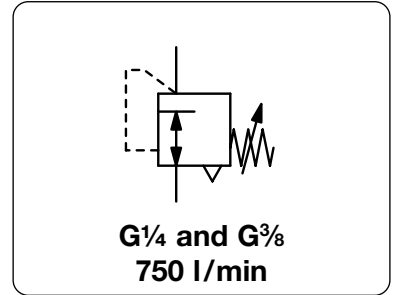


PRECISION REGULATOR WITHOUT CONSTANT BLEED, UP TO 3.5 BAR OUTLET PRESSURE R216

Description	Diaphragm pressure regulator with good regulation accuracy at varying volume flow, especially at low pressure.		
Media	compressed air or non-corrosive gases		
Supply pressure	max. 21 bar		
Accuracy	response sensitivity: < 100 mbar		
Air consumption	without constant bleed		
Adjustment	by T-handle with locknut, mounting bracket not possible by handwheel, suitable for panel mounting		
Relieving function	relieving, optionally non-relieving		
Gauge port	G $\frac{3}{8}$ on the bottom side of the body, one screw plug supplied		
Mounting position	any		
Temperature range	0 °C to 50 °C / 32 °F to 122 °F for handwheel version 0 °C to 80 °C / 32 °F to 176 °F for T-handle version		
Material	Body: zinc die-cast	Elastomer: NBR/Buna-N	Bottom screw: brass



Dimensions			Adjustment	Kv-value	Flow rate		Connection thread	Pressure range	Order number
A	B	C	by	(m ³ /h)	m ³ /h*1	l/min*1	G	bar	D*

Precision pressure regulator									
supply pressure max. 21 bar, relieving, without constant bleed									
108	162	32	T-handle	0.39	42	700	G $\frac{1}{4}$	0.01 ... 0.6	R216-02E
								0.01 ... 1.6	R216-02F
								0.01 ... 3.5	R216-02H
				0.42	45	750	G $\frac{3}{8}$	0.01 ... 0.6	R216-03E
								0.01 ... 1.6	R216-03F
								0.01 ... 3.5	R216-03H
108	162	32	handwheel	0.39	42	700	G $\frac{1}{4}$	0.01 ... 0.6	R216-02EP
			for panel mounting					0.01 ... 1.6	R216-02FP
								0.01 ... 3.5	R216-02HP
				0.42	45	750	G $\frac{3}{8}$	0.01 ... 0.6	R216-03EP
								0.01 ... 1.6	R216-03FP
								0.01 ... 3.5	R216-03HP



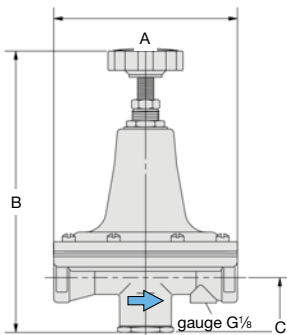
R216-02F

Special options, add the appropriate letter

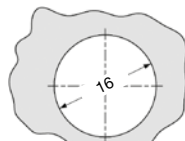
non-relieving	without relieving function	R216-0...K
NPT	connection thread (not for G $\frac{3}{8}$ with T-handle)	R216-0...N
free of oil and grease	specially cleaned	R216-0...L

Accessories, enclosed

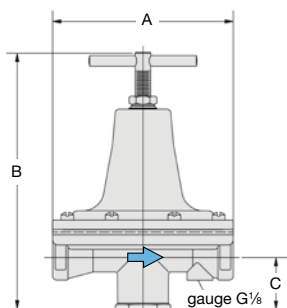
pressure gauge	Ø 63 mm, 0... ² bar, G $\frac{1}{4}$, connection parts required	MA6302...²
connection parts	for pressure gauge	AM-02
mounting bracket	made of steel, mounting nut at the device for R216-0...P	BW20-02



R216-...P



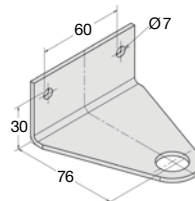
panel cut-out



R216



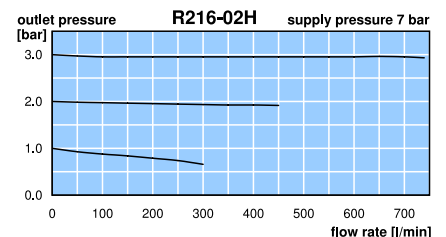
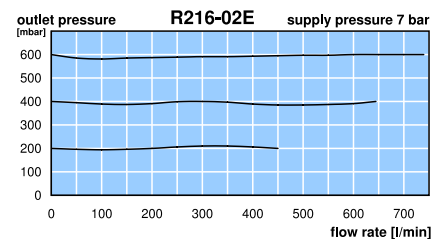
cross-section



BW20-02



R216-03FP for panel mounting



*1 at 7 bar supply pressure and 3 bar outlet pressure

*2 01 = 0...1 bar, 02 = 0...2.5 bar, 04 = 0...4 bar

* Product group

