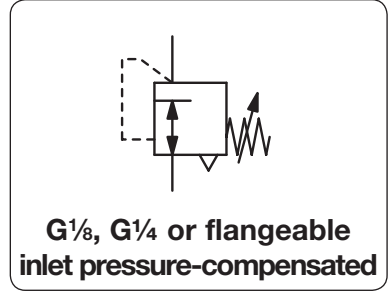


Precision Regulator with Inlet Pressure Compensation R342/R344



Description	Compact diaphragm regulator for quick regulating operations. Due to the pressure-compensated piston fluctuations on inlet pressure have only marginal effect on the outlet pressure's stability.
Media	compressed air or non-corrosive gases
Supply pressure	max. 17 bar
Adjustment	by plastic knob with snap-lock
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{8}$ on both sides of the body, screw plugs supplied. Without gauge port at regulator with flange.
Mounting position	any
Temperature range	0 °C to 70 °C / 32 °F to 158 °F, for appropriately conditioned compressed air down to -30 °C / -22 °F
Material	Body: aluminium Spring cage: glass fibre-reinforced plastic Elastomer: NBR/Buna-N Inner valve: steel, brass, plastic Valve seat: acetal



Dimensions			Flow rate	Connection thread	Pressure range	Order number
A	B	C				
mm	mm	mm	l/min	G / flange	bar	

Regulator w. inlet pressure compensation						supply pressure max. 17 bar, relieving, without constant bleed	R344
40	83	14	500	G $\frac{1}{8}$	0.2...2		R344-01A
					0.2...4		R344-01B
					0.3...9		R344-01C
40	83	14	500	G $\frac{1}{4}$	0.2...2		R344-02A
					0.2...4		R344-02B
					0.3...9		R344-02C



R344

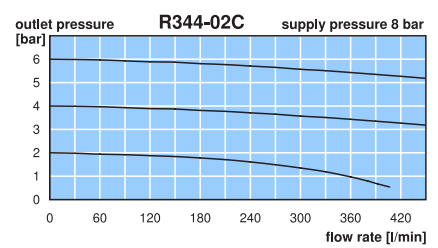
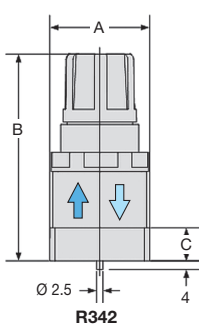
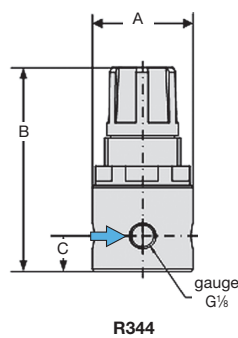
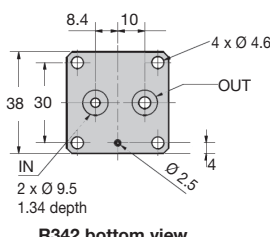
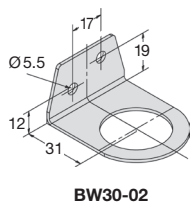
Regulator with flange						supply pressure max. 17 bar, relieving, without constant bleed, inlet pressure compensation	R342
38	83	13	500	flange	0.2...2		R342-0MA
					0.2...4		R342-0MB
					0.3...9		R342-0MC

Special options, add the appropriate letter		
NPT	connection thread	R344-0 . . N
non-relieving	without relieving function	R34 . -0 . . K
for oxygen	specially cleaned, with oxygen grease	R34 . -0 . . 15
FKM elastomer		R34 . -0 . . X64



R342, flangeable

Accessories, enclosed			
pressure gauge	Ø 40 mm, 0... ^{*2} bar, G $\frac{1}{8}$	R344 only	MA4001-... ^{*2}
mounting bracket	made of steel	R344 only	BW30-02
mounting nut	made of plastic	R344 only	M30x1,5K
	made of aluminium	R344 only	M30x1,5A



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop *2 02 = 0...2.5 bar, 04 = 0...4 bar, 10 = 0...10 bar