# R342 - R344 - Régulateur de pression, compact, corps aluminium, taraudé ou montage en surface. Stable, en présence de fluctuation de la pression d'entrée

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	G⅛ 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

G⅛, G¼ or flangeable
inlet pressure-compensated
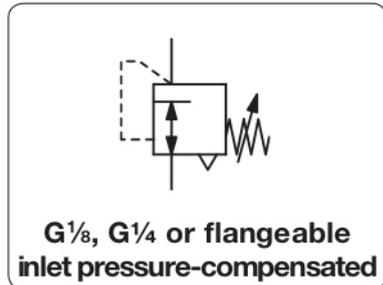
Dimensions			Flow rate	Connection thread	Pressure range	Order number
A	B	C				
mm	mm	mm	l/min	G / flange	bar	

Regulator w. inlet pressure compensation
supply pressure max. 17 bar, relieving, without constant bleed **R344**

A	B	C	Flow	Thread	Pressure	Order
40	83	14	500	G⅛	0.2…2	R344-01A
					0.2…4	R344-01B
					0.3…9	R344-01C
40	83	14	500	G¼	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**

A	B	C	Flow	Thread	Pressure	Order
38	83	13	500	flange	0.2…2	R342-0MA
					0.2…4	R342-0MB
					0.3…9	R342-0MC

R342, flangeable

Special options, add the appropriate letter or number

NPT	connection thread	R344-0 . . **N**
non-relieving	without relieving function	R34.-0 . . **K**
for oxygen	specially cleanded, with oxygen grease	R34.-0 . . **K15**
FKM elastomer		R34.-0 . . **X64**

Accessories, enclosed

pressure gauge	Ø 40 mm, 0…*² bar, G⅛	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

BW30-02

R342 bottom view

R344

R342

R344-02C supply pressure 8 bar
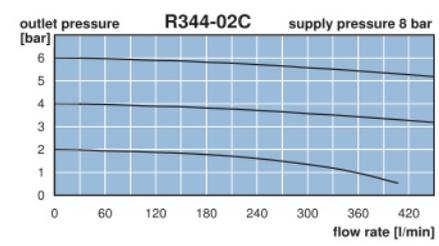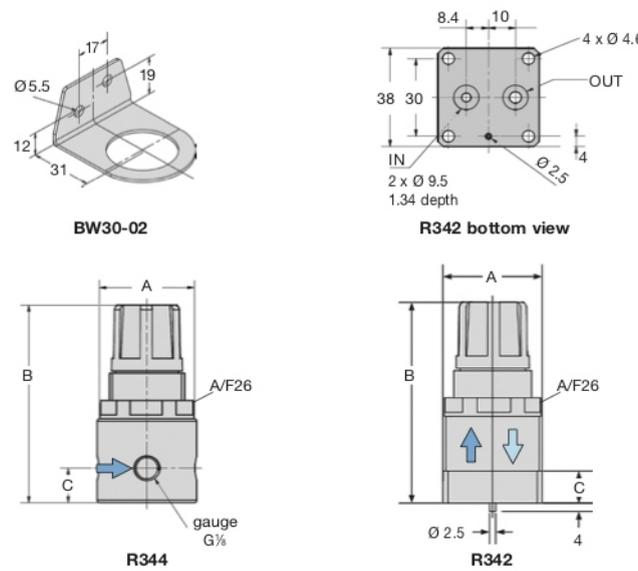
*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop   *² 02 = 0…2.5 bar, 04 = 0…4 bar, 10 = 0…10 bar