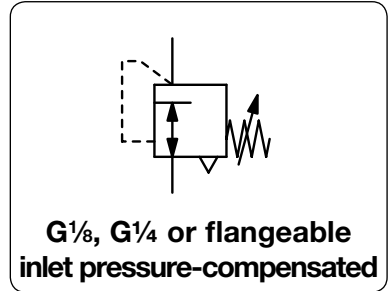


Precision Regulator with Inlet Pressure Compensation R343/R345

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: acetel



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

Regulator w. inlet pressure compensation						supply pressure max. 17 bar, relieving, without constant bleed	R345
40	83	14	500	G $\frac{1}{8}$	0.2...2 0.2...4 0.3...9		R345-01A R345-01B R345-01C
40	83	14	500	G $\frac{1}{4}$	0.2...2 0.2...4 0.3...9		R345-02A R345-02B R345-02C



R345

Regulator with flange				supply pressure max. 17 bar, relieving, without constant bleed, inlet pressure compensation	R343	
38	83	13	500	flange	0.2...2 0.2...4 0.3...9	R343-0MA R343-0MB R343-0MC



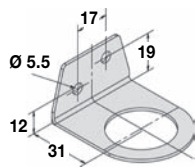
R343, flangeable

Special options, add the appropriate letter

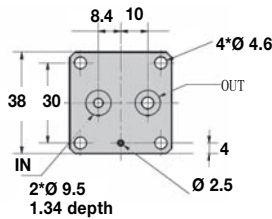
NPT	connection thread	R345-0 . . N
non-relieving	without relieving function	R34.-0 . . K
for oxygen	specially cleaned, with oxygen grease	R34.-0 . . 15
FKM elastomer		R34.-0 . . X64

Accessories, enclosed

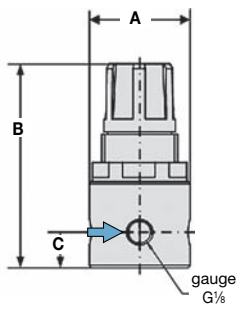
pressure gauge	Ø 40 mm, 0... ^{*2} bar, G $\frac{1}{8}$	R345 only	MA4001- . . *2
mounting bracket	made of steel	R345 only	BW30-02
mounting nut	made of plastic	R345 only	M30x1,5K
	made of aluminium	R345 only	M30x1,5A



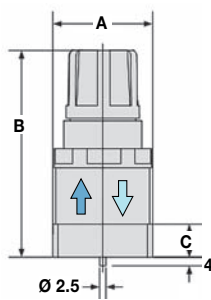
BW30-02



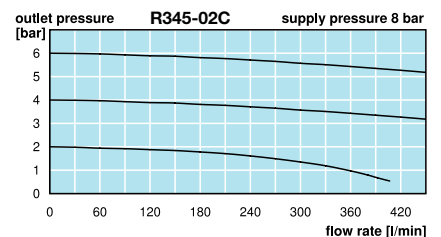
R343 bottom view



R345



R343



*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



Order example:
R345-01A

China website: www.duray-control.cn