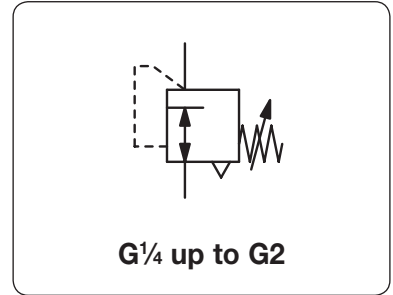


Description	Good value pressure regulator of solid design. RD1 and RD3 are equipped with diaphragms, RD4 is piston-operated. Wall mounting through two drilled holes in the bodies of RD1 to RD3.
Media	compressed air or non-corrosive gases
Supply pressure	max. 20 bar, optionally max. 30 bar
Adjustment	RD1/RD2: by plastic knob with snap-lock RD3: by handwheel with locknut RD4: by T-handle with locknut
Relieving function	relieving, optionally non-relieving
Gauge port	G $\frac{1}{4}$ on both sides of the body at RD1
Mounting position	any
Temperature range	0 °C to 80 °C / 32 °F to 176 °F, for appropriately conditioned compressed air down to -30 °C / -22 °F
Material	Body: zinc die-cast at RD1, aluminium at RD2, RD3 and RD4 Spring cage: plastic reinforced with glass fibre at RD1, nylon at RD2, aluminium at RD3/RD4 Elastomer: NBR/Buna-N Inner valve: brass



Dimensions			K _v value (m ³ /h)	Flow rate		Connection thread G	Pressure range bar	Order number
A	B	C		m ³ /h*1	l/min*1			

Pressure regulator RD1...RD4

supply pressure max. 20 bar, relieving, without pressure gauge

40	93	20	0.38	27	450	G $\frac{1}{4}$	0.2 ... 1.5	RD1-02A
							0.3 ... 3	RD1-02B
						RD1-01 for G $\frac{1}{2}$	0.5 ... 8	RD1-02D
							1.5 ... 15	RD1-02E
69	151	48	1.5	108	1800	G $\frac{1}{2}$	0.2 ... 1.5	RD2-04A
							0.3 ... 3	RD2-04B
						RD2-03 for G $\frac{3}{4}$	0.5 ... 8	RD2-04D
							1.5 ... 15	RD2-04E
100	230	70	4.2	300	5000	G1	0.2 ... 1.5	RD3-08A
							0.3 ... 3	RD3-08B
						RD3-06 for G $\frac{3}{4}$	0.5 ... 8	RD3-08D
							1.5 ... 15	RD3-08E
150	152	48	6.8	480	8000	G1 $\frac{1}{2}$	0.2 ... 1.5	RD3-1BA
							0.3 ... 3	RD3-1BB
						RD3-10 for G1 $\frac{1}{4}$	0.5 ... 8	RD3-1BD
							1.5 ... 15	RD3-1BE
200	354	106	18.6	1320	22000	G2	0.2 ... 1.5	RD4-16A
							0.3 ... 3	RD4-16B
						RD4-12 for G1 $\frac{1}{2}$	0.5 ... 8	RD4-16D
							1.5 ... 15	RD4-16E

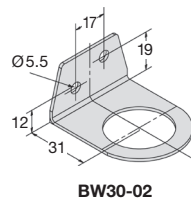
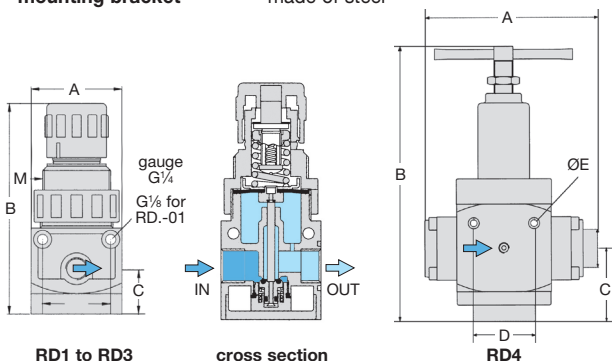


Special options, add the appropriate letter

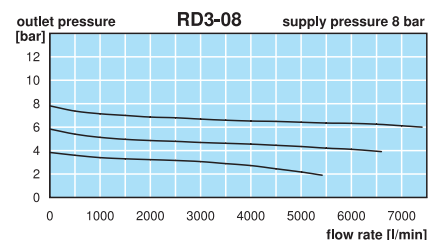
non-relieving	without relieving function	RD . . . K
30 bar operating pressure		RD . . . H

Accessories, enclosed

pressure gauge	Ø 40 mm, 0...*2 bar, G $\frac{1}{4}$	for RD1	MA4001-..*2
	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	for RD2	MA5002-..*2
	Ø 63 mm, 0...*2 bar, G $\frac{1}{4}$	for RD3 and RD4	MA6302-..*2
mounting bracket	made of steel	for RD1	BW30-02
mounting nut	made of plastic	for RD1	M30x1,5K
mounting bracket	made of stainless steel	for RD2	BW50-03
mounting nut	made of plastic	for RD2	M50x1,5K
mounting bracket	made of steel	for RD3	BW00-06



series	D	Ø E	M
RD1	30	4.5	M30x1.5
RD2	51	5.5	M50x1.5
RD3	76	6.5	-
RD4	76	8.5	-



*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, 16 = 0...16 bar

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
RD1-02A