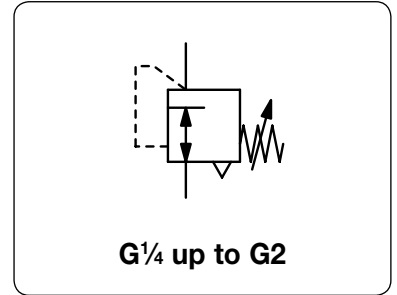


# Pressure Regulator Series "D" up to 30 bar

RD1...RD4

<b>Description</b>	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.
<b>Media</b>	compressed air or non-corrosive gases
<b>Supply pressure</b>	max. 20 bar, optionally max. 30 bar
<b>Adjustment</b>	RD1/RD2: by plastic knob with snap-lock RD3: by handwheel with locknut RD4: by T-handle with locknut
<b>Relieving function</b>	relieving, optionally non-relieving
<b>Gauge port</b>	G $\frac{1}{4}$ on both sides of the body at RD1
<b>Mounting position</b>	any
<b>Temperature range</b>	0 °C to 80 °C / 32 °F to 176 °F, for appropriately conditioned compressed air down to -30 °C / -22 °F
<b>Material</b>	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 <sub>v</sub> value (m <sup>3</sup> /h)	Flow rate		Connection thread G	Pressure range bar	Order number
A	B	C		m <sup>3</sup> /h*1	l/min*1			

Pressure regulator							supply pressure max. 20 bar, relieving, without pressure gauge	RD1...RD4
40	93	20	0.38	27	450	G $\frac{1}{4}$	0.2... 1.5	RD1-02A
						RD1-01 for G $\frac{1}{2}$	0.3... 3 0.5... 8 1.5... 15	RD1-02B RD1-02D RD1-02E
69	151	48	1.5	108	1800	G $\frac{1}{2}$	0.2... 1.5	RD2-04A
						RD2-03 for G $\frac{3}{4}$	0.3... 3 0.5... 8 1.5... 15	RD2-04B RD2-04D RD2-04E
100	230	70	4.2	300	5000	G1	0.2... 1.5	RD3-08A
						RD3-06 for G $\frac{3}{4}$	0.3... 3 0.5... 8 1.5... 15	RD3-08B RD3-08D RD3-08E
150	152	48	6.8	480	8000	G1 $\frac{1}{2}$	0.2... 1.5	RD3-1BA
						RD3-10 for G1 $\frac{1}{4}$	0.3... 3 0.5... 8 1.5... 15	RD3-1BB RD3-1BD RD3-1BE
200	354	106	18.6	1320	22000	G2	0.2... 1.5	RD4-16A
						RD4-12 for G1 $\frac{1}{2}$	0.3... 3 0.5... 8 1.5... 15	RD4-16B RD4-16D RD4-16E

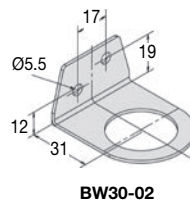
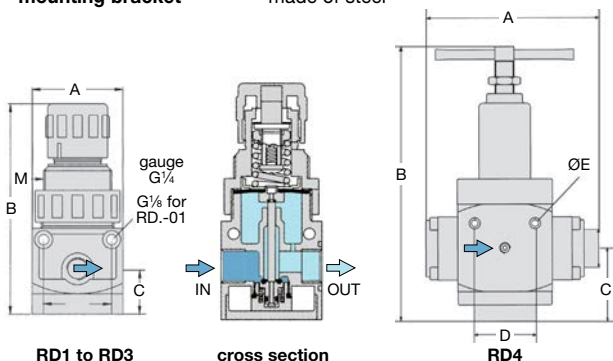


## Special options, add the appropriate letter

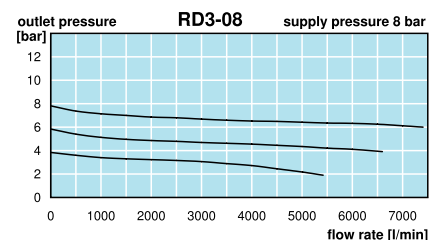
non-relieving	without relieving function	RD . . . . K
30 bar operating pressure		RD . . . . H

## Accessories, enclosed

pressure gauge	Ø 40 mm, 0... <sup>*2</sup> bar, G $\frac{1}{8}$	for RD1	MA4001-... <sup>*2</sup>
	Ø 50 mm, 0... <sup>*2</sup> bar, G $\frac{1}{4}$	for RD2	MA5002-... <sup>*2</sup>
	Ø 63 mm, 0... <sup>*2</sup> bar, G $\frac{1}{4}$	for RD3 and RD4	MA6302-... <sup>*2</sup>
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	MW00-06



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



**Order example:**  
RD1-02A  
China website: www.duray-control.cn