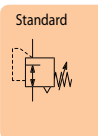
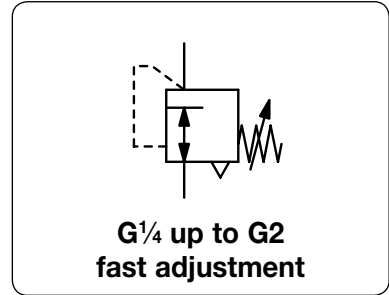


270° Adjustment Dial Pressure Regulator

R11...R41

Description	Piston-operated regulator with balanced valve design and high-relief flow. Features include a transparent pressure-calibrated, non-rising adjusting dial which can be mounted in any position so the dial face is always visible. Pressure setting in steps is possible.	
Media	compressed air or non-corrosive gases	
Supply pressure	max. 21 bar, minimum 1 bar above outlet pressure	
Air consumption	R21/31/41: max. 1.4 l/min depending on outlet pressure	R11 without constant bleed
Adjustment	The full secondary pressure range can be dialed in less than a 270° turn proportional to handwheel with scale in bar or psi. This is advantageous if secondary pressure must be changed frequently.	
Relieving function	relieving	
Gauge port	G $\frac{1}{4}$ on both sides of the body, not available at R11	
Mounting position	any	
Temperature range	0 °C to 65 °C / 32 °F to 149 °F	
Material	Body: zinc die-cast	Piston: acetal
	o-ring: NBR/Buna-N	Valve seat: acetal, brass and NBR/Buna-N



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

Adjustment dial regulator							supply pressure max. 21 bar, relieving, with constant bleed, adjusting dial 270° turn wheel	R11...R41
66	71	10	0.02	1.2	20	G $\frac{1}{4}$	0... 3 0... 11	R11-C2-L R11-C2-O
81	104	24	2.5	180	3000	G $\frac{1}{4}$	0... 3 0... 11	R21-C2-L R21-C2-O
81	104	24	3.8	270	4500	G $\frac{3}{8}$	0... 3 0... 11	R21-C3-L R21-C3-O
81	104	43	4.2	300	5000	G $\frac{1}{2}$	0... 3 0... 11	R21-C4-L R21-C4-O
109	132	43	6.8	480	8000	G $\frac{3}{4}$	0... 3 0... 11	R31-C6-L R31-C6-O
109	132	43	7.6	540	9000	G1	0... 3 0... 11	R31-C8-L R31-C8-O
135	173	71	18.6	1320	22000	G1 $\frac{1}{2}$	0... 3 0... 11	R41-CB-L R41-CB-O
135	173	71	20.3	1440	24000	G2	0... 3 0... 11	R41-CC-L R41-CC-O

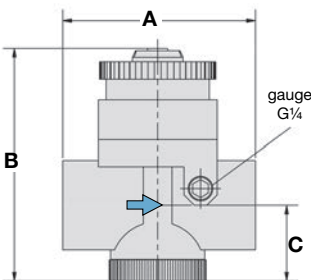


Special options, add the appropriate letter

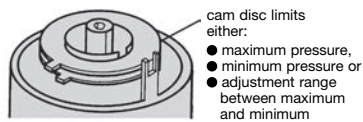
adjustment lock	RRP-95-585	R.1-C . . T
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Accessories, enclosed

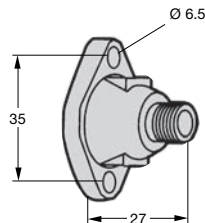
pressure gauge	Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$	for R21 to R41	MA5002-..*2
mounting bracket	mounting through the gauge port at the back	for R21 to R41	RRP-95-590



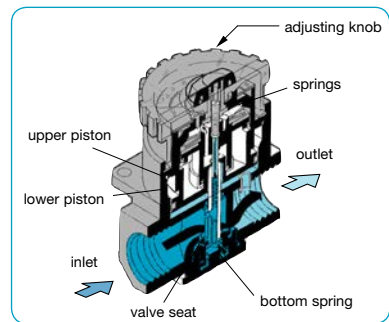
R11...R41



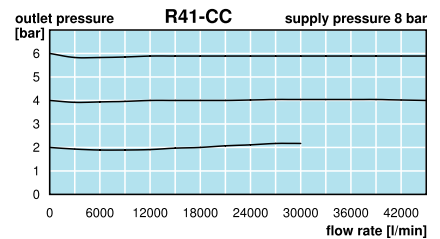
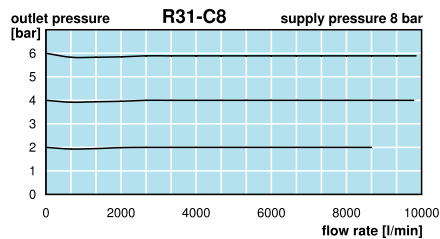
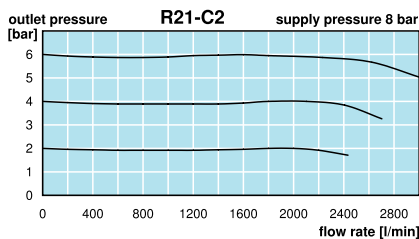
adjustment lock
RRP-95-585



mounting bracket
RRP-95-590



cross section



*1 at 8 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop
*2 04 = 0...4 bar, 16 = 0...16 bar



Order example:
R11-C2-L
China website: www.duray-control.cn