

270° ADJUSTMENT DIAL PRESSURE REGULATOR, LOCKABLE

R21...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

Supply pressure max. 21 bar, minimum 1 bar above outlet pressure

Air consumption R21/R31/R41: max. 1.4 l/min depending on outlet pressure

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

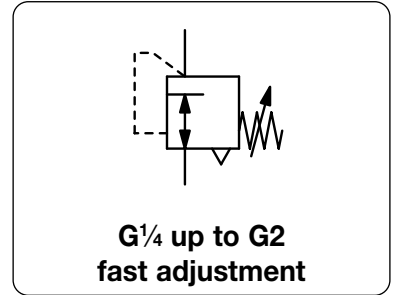
Gauge port G $\frac{1}{4}$ on both sides of the body

Mounting position any

Temperature range 0 °C to 65 °C / 32 °F to 149 °F

Material Body: zinc die-cast
O-ring: NBR/Buna-N

Piston: acetal
Valve seat: acetal, brass and NBR/Buna-N



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

Adjustment dial regulator									supply pressure max. 21 bar, relieving, with constant bleed, adjusting dial 270° turn wheel	R21...R41
81	104	24	2.5	180	3000	G $\frac{1}{4}$	0... 3	R21-C2-L		
							0... 11	R21-C2-O		
81	104	24	3.8	270	4500	G $\frac{3}{8}$	0... 3	R21-C3-L		
							0... 11	R21-C3-O		
81	104	43	4.2	300	5000	G $\frac{1}{2}$	0... 3	R21-C4-L		
							0... 11	R21-C4-O		
109	132	43	6.8	480	8000	G $\frac{3}{4}$	0... 3	R31-C6-L		
							0... 11	R31-C6-O		
109	132	43	7.6	540	9000	G1	0... 3	R31-C8-L		
							0... 11	R31-C8-O		
135	173	71	18.5	1320	22000	G1 $\frac{1}{2}$	0... 3	R41-CB-L		
							0... 11	R41-CB-O		
135	173	71	20.0	1440	24000	G2	0... 3	R41-CC-L		
							0... 11	R41-CC-O		

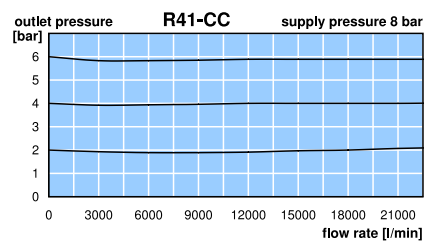
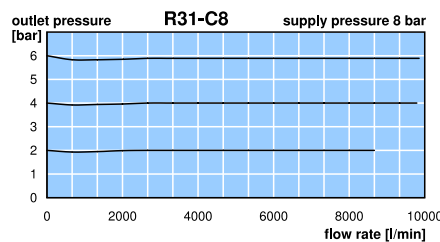
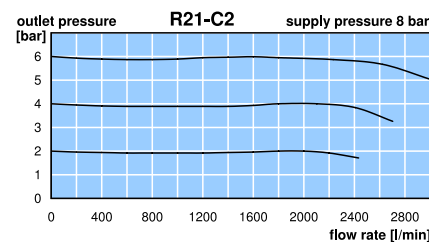
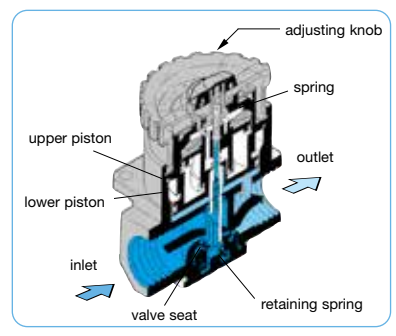
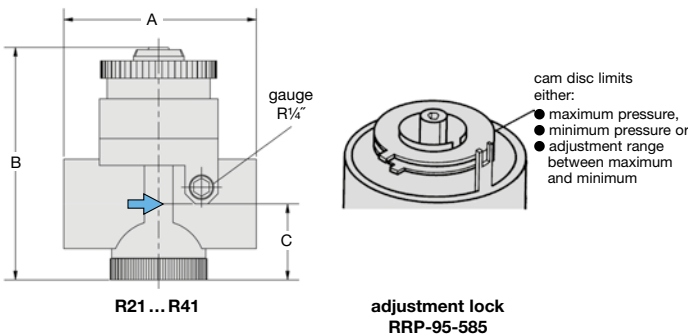


Special options, add the appropriate letter

adjustment lock RRP-95-585 R. 1-C . . T

Accessories, enclosed

pressure gauge Ø 50 mm, 0...*2 bar, G $\frac{1}{4}$ for R21 to R41 MA5002-..*2



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

* Product group

Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net

Order example:
R21-C2-L