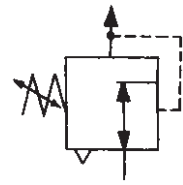


# Cube Pressure Regulator

## R35/R75/R105

<b>Description</b>	Modular cube pressure regulator. Threads of ports in body or in end plates. Integrated wall mounting system, no brackets necessary.				
<b>Adjustment</b>	Plastic knob, tamper-proof, snap-lock, removable.				
<b>Pressure range</b>	0.1 to 1 bar, 1.4 to 14 psi,	0.2 to 1.8 bar, 3 to 25 psi,	0.2 to 4 bar, 3 to 60 psi,	0.3 to 9 bar, 4 to 125 psi,	0.5 to 17 bar, 7 to 250 psi
<b>Supply pressure</b>	max. 21 bar / 300 psi				
<b>Relieving</b>	standard, non-relieving as option				
<b>Gauge port</b>	on both sides of the body 1/8" on R35 and R75, 1/2" on R105				
<b>Temperature range</b>	-30 °C to 50 °C / -22 °F to 120 °F				
<b>Materials</b>	Body: R35 and R75: zinc, R105: aluminium Spring cage: glass-filled acetal plastic		Diaphragm: NBR (Buna N) Inner valve: brass		



G<sup>1/8</sup> to G<sup>3/4</sup>



Dimensions					K <sub>v</sub> -value (m <sup>3</sup> /h)	Flow rate		Connection thread G	Pressure range bar	Order number
A	B	C	D	E		m <sup>3</sup> /h*	l/min*			

### Cube pressure regulator relieving, supply max. 21 bar **R35/R75/R105**

40	100	29	15	33	0.75	54	900	G <sup>1/8</sup>	0.1 ... 1 0.2 ... 1.8 0.2 ... 4 0.3 ... 9	<b>R 35-010</b> <b>R 35-01A</b> <b>R 35-01B</b> <b>R 35-01C</b>
40	100	29	15	33	0.92	66	1100	G <sup>1/4</sup>	0.1 ... 1 0.2 ... 1.8 0.2 ... 4 0.3 ... 9	<b>R 35-020</b> <b>R 35-02A</b> <b>R 35-02B</b> <b>R 35-02C</b>
56	105	35	18	42	1.68	120	2000	G <sup>3/8</sup>	0.2 ... 1.8 0.2 ... 4 0.3 ... 9	<b>R 75-03A</b> <b>R 75-03B</b> <b>R 75-03C</b>
56	105	35	18	42	1.85	132	2200	G <sup>1/2</sup>	0.2 ... 1.8 0.2 ... 4 0.3 ... 9	<b>R 75-04A</b> <b>R 75-04B</b> <b>R 75-04C</b>
68	139	42	20	58	4.0	290	4800	G <sup>1/2</sup>	0.2 ... 1.8 0.2 ... 4 0.3 ... 9 0.5 ... 17	<b>R105-04A</b> <b>R105-04B</b> <b>R105-04C</b> <b>R105-04D</b>
68	139	42	20	58	4.2	300	5000	G <sup>3/4</sup>	0.2 ... 1.8 0.2 ... 4 0.3 ... 9 0.5 ... 17	<b>R105-06A</b> <b>R105-06B</b> <b>R105-06C</b> <b>R105-06D</b>



R35-02CG



R75-04CG



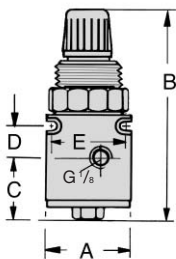
R105-04CG

### Special options add the appropriate letter

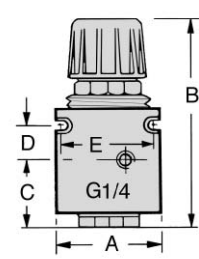
round gauge	Ø 40 for R35	Ø 50 for R75	Ø 63 for R105
square gauge	∩40 for R35	∩52 for R75	∩52 for R105
non-relieving			
tamper-proof cap	only	for R35 and R75	
plastic nut	R05X51	for R35 and R75	R10X51 for R105
aluminium nut	R05X51A	for R35 and R75	R10X51A for R105
mounting bracket + nut	SA161X57	for R35 and R75	SAR10Y57 for R105

### Accessories

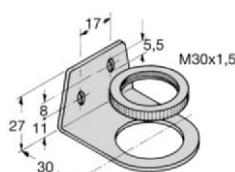
G	R...-0..G
H	R...-0..H
K	R...-0..K
T	R...-0..T
P	R...-0..P
Q	R...-0..Q
X	R...-0..X



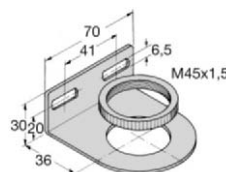
R35 and R75



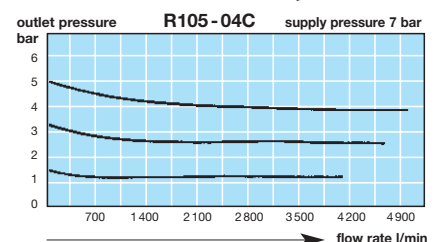
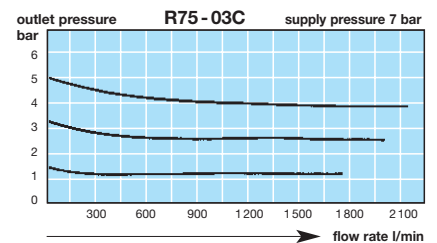
R105



SA161X57



SAR10Y57



\* at 7 bar supply pressure, 6 bar outlet pressure

<b>For your information:</b>	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch	Pressure gauge: Please consult chapter "Gauges"
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm	



**Order example:**  
**R75-03C**