

Miniature Pressure Regulator

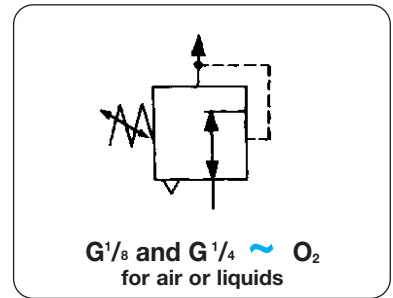
R364 / R374

Miniature



1

Description	Compact regulator with diaphragm for air or non-relieving for liquids, e.g. R364-...K, made of brass.	
Adjustment	Plastic knob, tamper-proof, snap-lock, removable	
Relieving	standard,	non-relieving option necessary for liquids
Supply pressure	max. 21 bar / 300 psi	
Gauge port	1/8" on both sides of the body, plug supplied	
Temperature range	-30 °C to 50 °C / -22 °F to 120 °F with Viton diaphragm and fibre-glass spring cage max. 80 °C / 180 °F	
Materials	Body:	brass, aluminium or stainless steel
	Spring cage:	glass-filled acetal plastic or brass
	Inner valve:	brass, stainless steel as option
	Diaphragm:	NBR (Buna N) Viton as option



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

Pressure regulator of brass							P ₁ max. 21 bar, relieving (air) for water: non-relieving	R364 ~	
35	76	12	0.38	27	450	G ¹ / ₈	0.1 ... 1	R364 - 010	
							0.2 ... 1.8	R364 - 01A	
							0.2 ... 4	R364 - 01B	
							0.3 ... 9	R364 - 01C	
35	76	12	0.38	27	450	G ¹ / ₄	0.1 ... 1	R364 - 020	
							0.2 ... 1.8	R364 - 02A	
							0.2 ... 4	R364 - 02B	
							0.3 ... 9	R364 - 02C	



R364 - 02CT tamper-proof cap R364 - 01C

Pressure regulator of aluminium							P ₁ max. 21 bar, for compressed air only relieving	R374	
40	76	12	0.38	27	450	R ¹ / ₈ "	0.1 ... 1	R374 - 010	
							0.2 ... 1.8	R374 - 01A	
							0.2 ... 4	R374 - 01B	
							0.3 ... 9	R374 - 01C	
40	76	12	0.38	27	450	R ¹ / ₄ "	0.1 ... 1	R374 - 020	
							0.2 ... 1.8	R374 - 02A	
							0.2 ... 4	R374 - 02B	
							0.3 ... 9	R374 - 02C	



R374 - 02C, alu

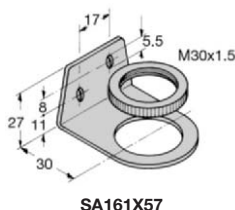
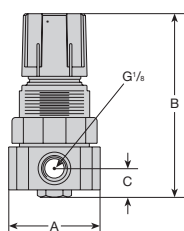
Special options add the appropriate letter

round gauge	Ø 40, G ¹ / ₈	loose	G	R3...-0...G
non-relieving	~	without relieving	K	R3...-0...K
tamper-proof cap		height 64 mm	T	R3...-0...T
for oxygen		clean	O	R3...-0...O
plastic panel mounting nut	R05X51	M30 x 1.5	P	R3...-0...P
aluminium panel mounting nut	R05X51A	M30 x 1.5	Q	R3...-0...Q
mounting bracket and nut	SA161X57	plastic nut	X	R3...-0...X
Viton and brass	RK164X64	FPM and brass	X64	R3...-0...X64
Viton and stainless steel	RKR364YSS	FPM and SST	X8	R3...-0...X8
Teflon diaphragm	SAR162-0204	NBR and brass	KX9	R3...-0...KX9
sensitive diaphragm	SA162Y20-X27	for higher precision	M	R3...-0...M
diaphragm for water	SAR162-0200X76	reinforced	X76	R3...-0...X76
fibre-glass cage	SAR05Y3	max. 80 °C	XY3	R3...-0...XY3
brass spring-cage	B547-0030 / -030	+ adjusting screw	X82	R3...-0...X82
higher accuracy	SAR384-0373	air consumption	X42	R3...-0...X42
increased flow rate		+ 10% higher	X21	R3...-0...X21
mech. pressure limitation	SAR361Y53-5-X10	by adjusting knob	X10	R3...-0...X10
volume booster	161Z3Z26	pilot-operated	J	R3...-0...J

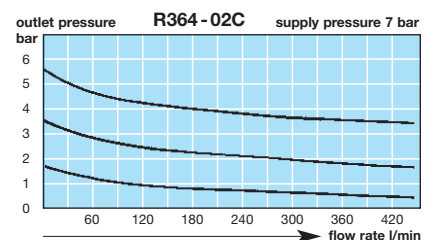
Accessories



R364-01J booster R364-02CX82 solid brass



* at 7 bar supply pressure and 6 bar outlet pressure



For your information:	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm

Order example:
R364 - 02C