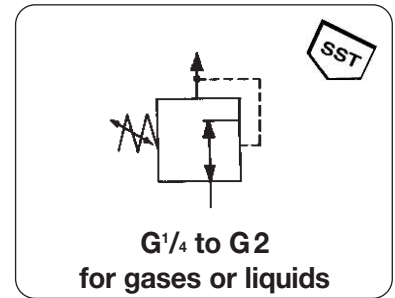


Description	Solid-built corrosion-resistant regulator suitable for acid gases and for use in off-shore environments. Typical applications include petrochemical processing, chemical plants, food processing and pulp and paper mills.		
Supply pressure	max. 30 bar / 440 psi with diaphragm, max. 50 bar / 740 psi with piston		
Gauge ports	1/2" on both sides of the body		
Air consumption	no constant bleed, no consumption		
Relieving	non-relieving as standard, relieving as option		
Temperature range	for regulator with stainless steel diaphragm and seals of: NBR: -30°C to 90°C/190°F EPDM: -30°C to 120°C/250°F FPM/Viton: -20°C to 130°C/270°F		
Diaphragm	Viton or Teflon on NBR coated, relieving or non-relieving	up to G1	G1
	Stainless steel not for liquids, non-relieving	up to G1	G1
	R3130 only with piston	G1½ and G2	G2
	R3128 with Teflon/NBR diaphragm and NBR seals	only G2	G2
Materials	Body, spring cage, spindle: 316 stainless steel	spring: 304 stainless steel	



Dimensions			System	K _v -value	Flow rate	Supply pressure	Connection thread	Pressure range	Order number
A	B	C	D: diaphragm P: piston	(m³/h)	l/min*1	max. bar	G	bar	

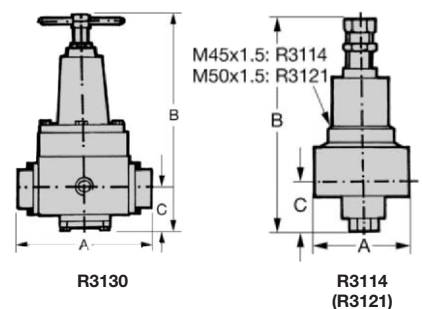
Pressure regulator		non-relieving, without gauge with Teflon and Viton elastomers				R3000		
65	149 38	D	0.5	500	30	G 1/4	0.1 ... 1.5	R3114-02AT
		D			30		0.2 ... 3	R3114-02BT
		D			30	R3114-03..	0.5 ... 8	R3114-02CT
		D			30	for G 3/8	1 ... 15	R3114-02DT
65	168 38	P			50		2 ... 30	R3114-02ET
		P			50		3 ... 50	R3114-02FT
80	155 37	D	1.8	2200	30	G 1/2	0.1 ... 1.5	R3121-04AT
		D			30		0.2 ... 3.5	R3121-04BT
		D			30	R3121-06..	0.5 ... 8	R3121-04CT
		D			30	for G 3/4	1 ... 15	R3121-04ET
		P			50		2 ... 30	R3121-04GT
		P			50		3 ... 50	R3121-04LT
125	285 66	D	5.5	6500	30	G1	0.1 ... 1.5	R3123-08AT
		D			30		0.2 ... 3	R3123-08BT
		D			30	R3123-06..	0.5 ... 8	R3123-08CT
		D			30	for G 3/4	1 ... 15	R3123-08ET
		P			50		2 ... 30	R3123-08GT
		P			50		3 ... 50	R3123-08LT
200	335 58	P	12.6	15000	50	G2	0.1 ... 1.4	R3130-16AT
		P			50		0.2 ... 3	R3130-16BT
		P			50	R3130-12..	0.5 ... 8	R3130-16CT
		P			50	for G 1 1/2	1 ... 15	R3130-16ET
		P			50		2 ... 30	R3130-16GT
		P			50		3 ... 50	R3130-16LT
200	390 53	D	21	25000	30	G2	0.1 ... 1.4	R3128-16AT
		D			30		0.5 ... 6	R3128-16CT
		D			30		4 ... 15	R3128-16DT



R3114-02DTG R3121-04CTG



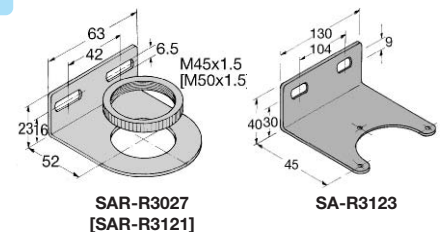
R3121-08FG



R3130

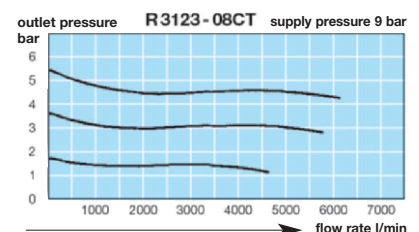
R3114 (R3121)

Special options	add the appropriate letter		
pressure gauge of ss	Ø50 for R3114, all other Ø G3	only G1	G R31...G
diaphragm relieving		≤ G1	R R31...R
piston relieving			R R31...R
FDA elastomer	EPDM	only G 1/4	L R3114-02...L
Viton diaphragm	and Viton O-ring	≤ G1	V R31...V
Teflon diaphragm	and Viton O-ring, standard	≤ G1	T R31...T
	and EPDM O-ring	≤ G1	TE R31...TE
stainless steel diaphragm	and NBR O-ring	≤ G1	S R31...S
	and Viton O-ring	≤ G1	SV R31...SV
	and EPDM O-ring	≤ G1	SE R31...SE
for water	Teflon diaphragm	O-ring NBR	W R31...W
	stainless steel piston	O-ring EPDM	W R31...W
mounting bracket + nut	SAR-R3027	SAR-R3121	X R31...X
mounting bracket	on body	SA -R3123	X R3123-...X
mounting nut	SM-R3027	SM -R3121	Q R31...Q
with flange	DN15 (G 1/2)	DN20 (G 3/4)	F R31...-08..F
	DN40 (G 1 1/2)	DN25 (G1)	F R31...-16..F
		DN50 (G2)	



SAR-R3027 [SAR-R3121]

SA-R3123



*1 at 7 bar supply pressure, 6 bar outlet pressure and 1 bar pressure drop

For your information:	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch	Pressure gauge: see end of chapter
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm	

Order example:
R3114-02CT