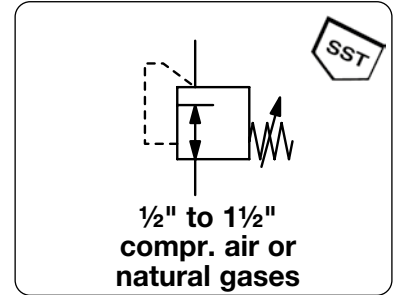


Description	Precision low pressure regulator with flange and big spring cage, made of stainless steel. Preferably in pharmaceutical, bio, solar, brewery and food industry, if highest purity, maximum of hygiene and optimal protection against pollution and crosswise contamination is important	
Media	Compressed air or natural gases.	
Surface inside	Electropolished body with roughness Ra <4 µm on inside wetted surfaces.	
Adjustment	by adjusting screw	
Relieving function	non-relieving	
Tightness	Class VI; (IEC 60534-4)	
Temperature Range	-20°C to 80°C	
Material	Body, spring cage and internal parts: SST 316L Main valve spring: SST 302 Diaphragm: NBR/Buna-N with PTFE coating	
	Supply pressure: max. 7 bar, min. 1 bar	Mounting position: any
		Gasket: EPDM, FKM
		Adjusting spring: C85, nickel plated NiP, not in contact with fluid.



Dimensions			K _v -Value	Supply pressure	Flow rate		Connection ASME-BPE	Pressure Range	Order Number
A	B	C			m³/h¹	l/min¹			
mm	mm	mm	m³/h¹	max. bar				mbar	

Tri Clamp low pressure regulator									Supply pressure max. 7 bar, SST, EPDM for compr. air, natural gases, not relieving	RTCN
140	179	42	0,75	7	60	1000	1/2"	5 ... 45		RTCN-04A
					78	1300		20 ... 200		RTCN-04C
					78	1300		150 ... 700		RTCN-04D
140	179	42	0,75	7	60	1000	3/4"	5 ... 45		RTCN-06A
					78	1300		20 ... 200		RTCN-06C
					78	1300		150 ... 700		RTCN-06D
170	237	66	1,4	7	84	1400	1"	5 ... 45		RTCN-08A
					105	1750		10 ... 120		RTCN-08B
					105	1750		10 ... 400		RTCN-08C
					138	2300		15 ... 700		RTCN-08D
					180	3000		200 ... 1200		RTCN-08E
170	237	66	1,4	7	84	1400	1 1/2"	5 ... 45		RTCN-12A
					105	1750		10 ... 120		RTCN-12B
					105	1750		10 ... 400		RTCN-12C
					138	2300		15 ... 700		RTCN-12D
					180	3000		200 ... 1200		RTCN-12E



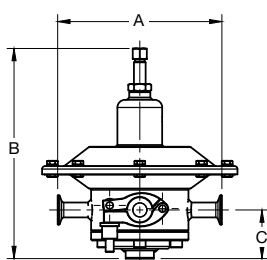
RTCN-04/-06

Special options, add the appropriate letter

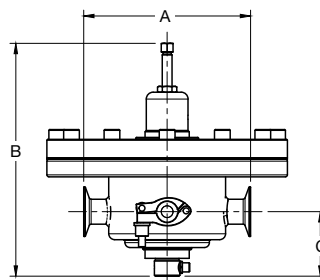
FKM o-ring		RTCN-...T
EPDM o-ring	FDA-approval	RTCN-...TD
up to 200 °C	high temperature version	RTCN-...X68
ammonia	NH ₃	RTCN-...02
carbon dioxide	CO ₂	RTCN-...03
nitrogen	N ₂	RTCN-...07
oxygen	O ₂	RTCN-...15
nitrous oxide	N ₂ O	RTCN-...17
natural gas	Ar, He, Hz, CH ₄ , C ₃ H ₆	RTCN-...XX
pressure gauge connection		RTCN-...M

Accessories, enclosed

Pressure gauge	Ø 63 mm, 0...² mbar capsule spring, 1/4" bis 600 mbar	MS6302-..²
	Ø 63 mm, 0...² bar bourdon tube, 1/4" ab 1 bar	MS6302-..²



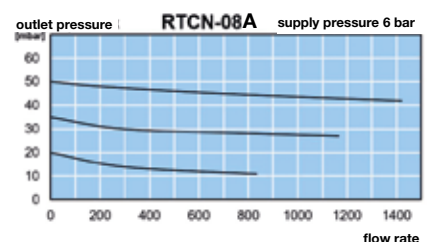
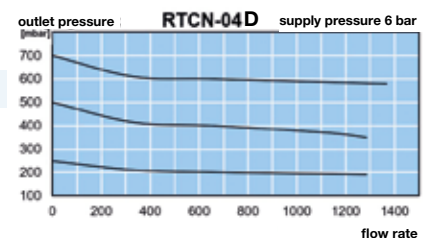
RTCN-04/06



RTCN-08/12

*1 at 7 bar supply pressure and max. outlet pressure

*2 B6 = 0...60 mbar, C3 = 0...250 mbar, C4 = 0...400 mbar, C6 = 0...600 mbar, 01 = 0 ... 1 bar, 02 = 0 ... 2,5 bar



Gauges: see chapter for measuring devices

PDF CAD
www.aircom.net



Order example:
RTCN-04A