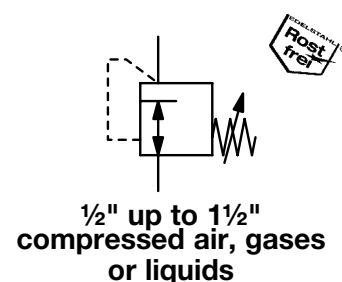


Description	Pressure regulator with flange, piston operated, made of stainless steel		
Media	compressed air, gases or liquids		
Supply pressure	max. 25 bar		
Surface	Electropolished body with roughness Ra <0,4 µm on inside wetted surfaces. All metallic parts are machined from the solid bar. No threaded connections exposed to the fluid. The regulator is virtually pocket and sterilizable with steam.		
Adjustment	by adjusting screw RTC-04 and -06, by T-handle RTC-08 and -12		
Relieving function	non-relieving		
Gauge port	no pressure gauge connection, optionally G¼		
Temperature range	-40°C to 175°C / -40°F to 347°F		
Material	Body, bonnet, piston and inner parts: AISI 316L, Main valve spring: AISI 302,	gasket: EPDM or FKM corresponding to FDA Adjusting spring: C85, nickel plated NiP/Fe 15 µm	
	All springs are not in contact with fluid.		



Dimensions				Kv-value	Flow rate	Connection	Pressure range	Order number
A	B	C	ØD	m³/h¹	l/min¹	ASME-BPE	bar	
mm	mm	mm	mm					

Tri Clamp Pressure Regulator supply pressure max. 25 bar, EPDM for compressed air, gases, liquids and steam RTC

140	183	57	25	1,4	2200	½"	0,2 ... 1,5 0,3 ... 3,0 0,8 ... 8,0	RTC-04A RTC-04B RTC-04D
140	183	57	25	1,4	2200	¾"	0,2 ... 1,5 0,3 ... 3,0 0,8 ... 8,0	RTC-06A RTC-06B RTC-06D
180	327	77	50,5	8,4	22000	1"	0,2 ... 1,5 0,3 ... 3,0 0,8 ... 8,0	RTC-08A RTC-08B RTC-08D
180	327	75	50,5	8,4	22000	1½"	0,2 ... 1,5 0,3 ... 3,0 0,8 ... 8,0	RTC-12A RTC-12B RTC-12D



RTC-04.M/-06.M



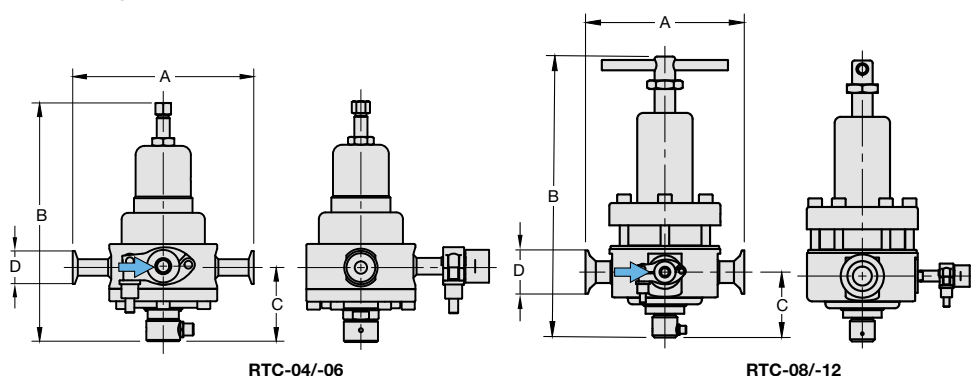
RTC-08/-12

Special Options, add the appropriate letter

FKM o-ring		RTC-... T
EPDM o-ring		RTC-... TD
to 200 °C	FDA approval	RTC-... X68
ammonia	high temperature version	
nitrogen	NH ₃	P ₁ max. 15 bar
oxygen	N ₂	RTC-... 02
water	O ₂	RTC-... 07
neutral gas	H ₂ O	RTC-... 15
pressure gauge	CO ₂ , Ar, He, H ₂ , CH ₄ , C ₃ H ₈ , N ₂ O	RTC-... W
	G¼	RTC-... XX
		RTC-... M

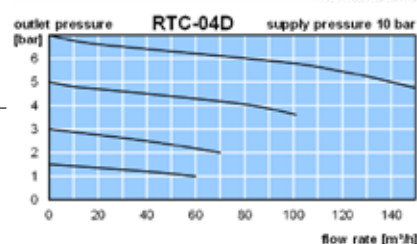
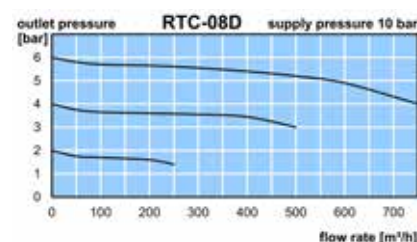
Accessories, enclosed

pressure gauge	Ø 50 mm,	0...² bar	G¼	for ½" a. ¾"	MS5002-...²
	Ø 63 mm,	0...² bar	G¼	for 1" a. 1½"	MS6302-...²
mounting bracket				for ½" a. ¾"	BW45-03S
mounting nut				for ½" a. ¾"	M45x1,5S
mounting bracket				for 1" a. 1½"	BW00-27S



RTC-04/-06

RTC-08/-12



¹ at 10 bar supply pressure, 7 bar outlet pressure and 2 bar pressure drop
² 02 = 0...2,5 bar, 04 = 0...4 bar, 10 = 0...10 bar