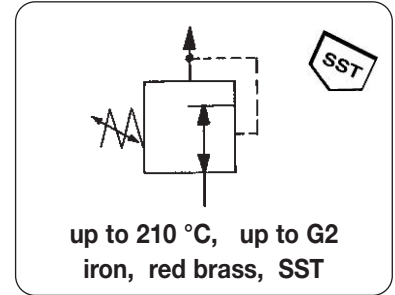


Pressure Regulator up to 210 °C

RU

Description	Directly acting pressure reducing valve for steam, gas and compressed air. Steam dryness should be > 98%.	
Media	Steam, gas or compressed air.	
Test pressure	RUG, G^{1/2} to G1 38 bar, nominal pressure PN25	RUH, G1 to G2 24 bar, nominal pressure PN16
Supply pressure	max. 19 bar at 210 °C,	max. 10 bar at 184 °C
Outlet pressure	min. 10% of supply pressure	min. 10% of supply pressure
Temperature range	max. 210 °C / 410 °F	
Materials	Body: cast iron DIN1691 GG20 Spring: silicon chrome / spring steel Bonnet: epoxy coated LM24 aluminium Inner valve: 316Ti / 316 stainless steel, bronze	SG iron, DIN 1693 GGG 40.3, ELNP coated silicon chrome BS 2803.685.A55 2ELNP coated aluminium 316L stainless steel, PTFE 15% graphite-filled



Dimensions	Nominal size	K _v -value	Supply pressure	Connection thread	Pressure range	Order number
height	width	value	max. bar	thread	bar	number
mm	mm	(m ³ /h)		G		

Pressure regulator 210°C			Iron body, SST inner valve,	non-relieving without gauge port	RU		
182	83	15	1.5	19 bar	G ^{1/2}	0.14...1.7 bar 1.4 ...4.0 bar 3.5 ...8.6 bar	RUG -04A RUG -04B RUG -04C
182	96	20	2.5	19 bar	G ^{3/4}	0.14...1.7 bar 1.4 ...4.0 bar 3.5 ...8.6 bar	RUG -06A RUG -06B RUG -06C
182	108	25	3.0	19 bar	G1	0.14...1.7 bar 1.4 ...4.0 bar 3.5 ...8.6 bar	RUG -08A RUG -08B RUG -08C
220	134	25	6.8	10 bar	G1	0.14...1.7 bar 1.4 ...4.0 bar 3.5 ...9.0 bar	RUH -08A RUH -08B RUH -08C
220	134	40	11.5	10 bar	G1 ^{1/2}	0.14...1.7 bar 1.4 ...4.0 bar 3.5 ...9.0 bar	RUH -12A RUH -12B RUH -12C
220	134	50	15	10 bar	G2	0.14...1.7 bar 1.4 ...4.0 bar 3.5 ...9.0 bar	RUH -16A RUH -16B RUH -16C



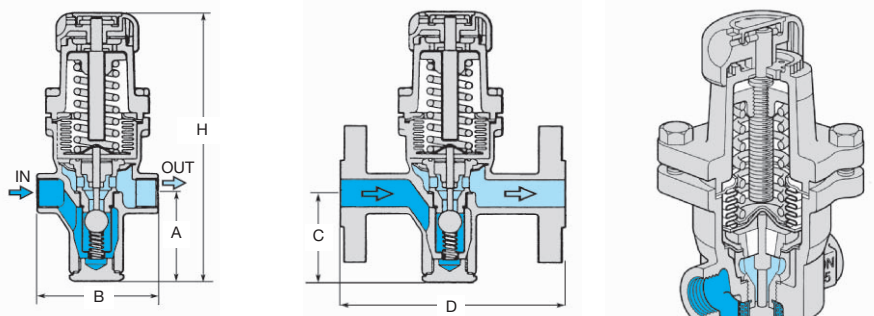
RUG-04B



RUG-04BSF, SST with flange

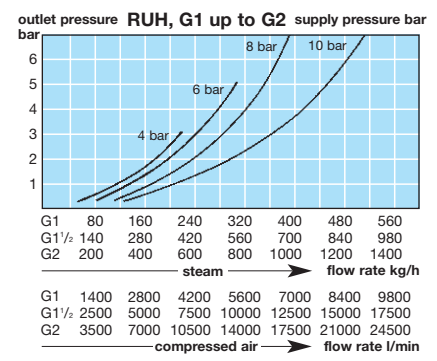
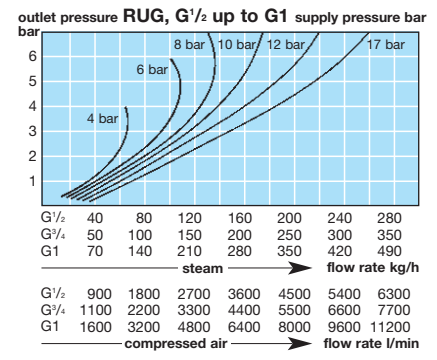
Special options add the appropriate letter

1.4404 stainless steel	electropolished	only RUG	S	RUG-0..S
Rg5 red brass	supply max. 17 bar	only RUG	R	RUG-0..R
iron flange	GG40.3	only RUG	F	RUG-0..F
SST flange	1.4404	only RUG	SF	RUG-0..SF



type	port	width	height	A	D	C
RUG	G ^{1/2}	83	132/192*1	55/62*1	150	55/62*2
	G ^{3/4}	96	132/192*1	55/62*1	150	55/62*2
	G1	108	132/192*1	55/62*1	160	55/62*2
RUH	G1 - G2	134	220	67	186	67

*1 red brass / SST *2 stainless steel



For your information:	1 bar: 14.8 psi 1 psi: 0.069 bar	1 l/min: 0.035 scfm 1 scfm: 28.3 l/min	1 mm: 0.039 inch 1 inch: 25.4 mm
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Order example:
RUG-04CS