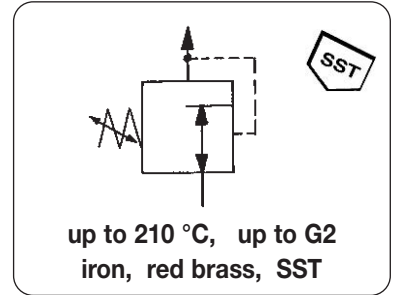


# Pressure Regulator up to 210 °C

RU

<b>Description</b>	Directly acting pressure reducing valve for steam, gas and compressed air. Steam dryness should be > 98%.	
<b>Media</b>	Steam, gas or compressed air.	
<b>Test pressure</b>	<b>RUG, G<sup>1/2</sup> to G1</b> 38 bar, nominal pressure PN25	<b>RUH, G1 to G2</b> 24 bar, nominal pressure PN16
<b>Supply pressure</b>	max. 19 bar at 210 °C,	max. 10 bar at 184 °C
<b>Outlet pressure</b>	min. 10% of supply pressure	min. 10% of supply pressure
<b>Temperature range</b>	max. 210 °C / 410 °F	max. 184 °C / 360 °F
<b>Materials</b>	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 <sub>v</sub> -value	Supply pressure	Connection thread	Pressure range	Order number
height	width	value	max. bar	G	bar	number
mm	mm	(m <sup>3</sup> /h)				

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



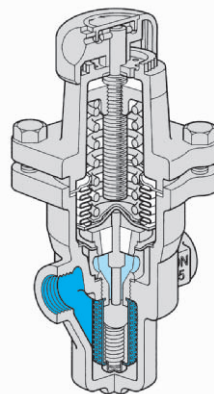
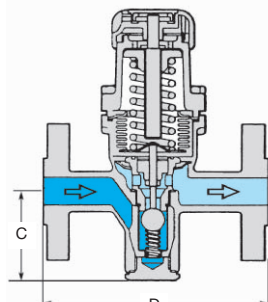
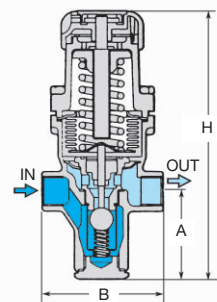
RUG-04B



RUG-04BSF, SST with flange

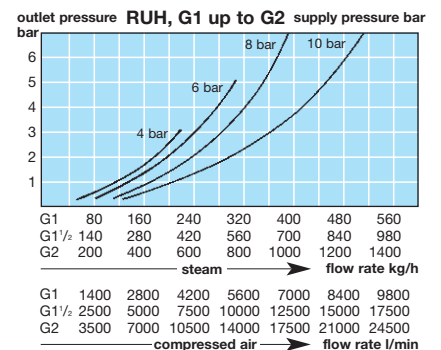
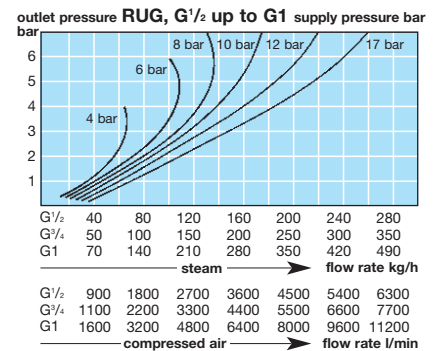
## Special options add the appropriate letter

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



type	port	width	height	A	D	C
RUG	G <sup>1/2</sup>	83	132/192*1	55/62*1	150	55/62*2
	G <sup>3/4</sup>	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 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: RUG-04CS