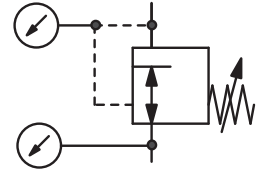


Description	High pressure regulator for gas cylinders for reducing pressure of compressed air or liquid gases from a high level to the required pressure.		
Supply pressure	max. 200 bar		
Media	compressed air, oxygen or different gases		
Connections	according to DIN 477		
Adjustment	by T-handle		
Gauge port	All regulators are equipped with both one supply pressure gauge and one outlet pressure gauge.		
Leakage rate	10 ⁻⁸ mbar l/s		
Compensation	All regulators are equipped with supply pressure variation compensation, so that a change in supply pressure has no effect on the outlet pressure's stability.		
Temperature range	-30 °C to 60 °C / -22 °F to 140 °F		
Material	Body: brass	O-rings: NBR/Buna-N and EPDM	Spring cage: brass
	Diaphragm: 65NBR4550, PTFE for outlet > 10 bar, stainless steel for pure gases up to 5.0		



P₁: max. 200 bar
0 ... 1.5/40 bar

Dimensions			Version	Flow rate		Supply pressure	Pressure range	Order number
A	B	C		m ³ /h*2	l/min*2			
mm	mm	mm	1-step			max. bar	bar	
			2-step					

Cylinder pressure regulator 200 bar for compressed air, connections DIN 477, with inlet / outlet gauges RH201/RH202

210	190	100	1-step	48	800	200	0 ... 10	RH201-00C
210	210	120		75	1250		0 ... 20	RH201-00D
				120	2000		0 ... 40	RH201-00E
240	190	100	2-step	8	133	200	0 ... 15	RH202-00A
				48	800		0 ... 10	RH202-00C

Regulator for propane and acetylene connections DIN 477, with inlet / outlet gauges RH201

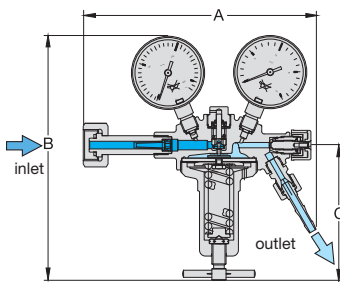
210	190	100	1-step	propane	C ₃ H ₈	max. 8	0 ... 4.0	RH201-00B16
210	190	100	1-step	azetylene	C ₂ H ₂	max. 26	0 ... 1.5	RH201-00A19



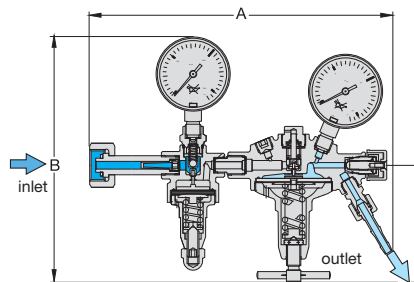
RH201, 1-step

Special options, change the appropriate letter

carbon dioxide	CO ₂	RH20 -... 03
inert gas		RH20 -... 04
argon	Ar	RH20 -... 05
fuel gas		RH20 -... 06
nitrogen	N ₂	RH20 -... 07
forming gas		RH20 -... 08
helium	He	RH20 -... 09
hydrogen	H ₂	RH20 -... 11
testing gas		RH20 -... 12
oxygen	O ₂	RH20 -... 15
chrome-plated body	inside and outside	1-step RH201 -C...
chrome-plated body	inside and outside	2-step RH202 -C...
metal diaphragm	5.0 purity	1-step RH201 - .M...
		2-step RH202 - .M...



cross-section, 1-step



cross-section, 2-step



RH202, 2-step

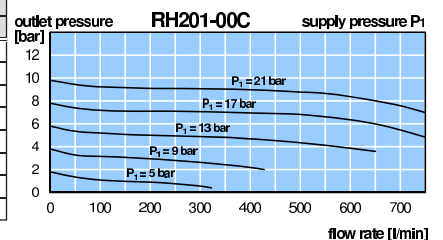


RH201-C..., chrome-plated

connection thread up to 200 bar		
gas type	inlet *1	outlet
compressed air	G½ a	G¼
oxygen	G½ i	G¼
inert gas	W21, 8x¼	G¼
CO ₂ / argon	W21, 8x¼	G¼
helium	W21, 8x¼	G¼
fuel gas	W21, 8x¼ LH	G¾ LH
hydrogen	W21, 8x¼ LH	G¾ LH
forming gas	W21, 8x¼ LH	G¾ LH

connection thread up to 200 bar		
gas type	inlet *1	outlet
nitrogen	W24,32x¼	G¼
testing gas	M19x1,5 LH	G¾ LH
nitrous oxide	G¾	G¼
azetylene	clamp (cylinder)	G¾a LH

flow rate - correction factor		
gas type		factor
compr. air		1.00
oxygen	O ₂	0.95
carbon dioxide	CO ₂	0.81
hydrogen	H ₂	3.80
argon	Ar	0.85
helium	He	2.70
propane	C ₃ H ₈	0.80
nitrous oxide	N ₂ O	0.80



*1 Thread according to DIN 477, only left hand thread is marked LH, right hand RH is not marked.
 *2 at supply pressure of 2x outlet pressure + 1 bar