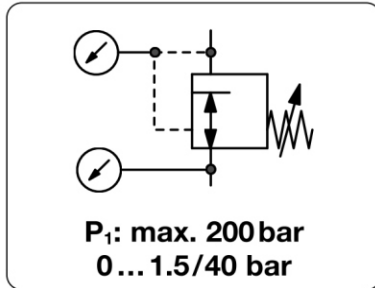


RH200 - Détendeur pour gaz en bouteille, raccordement DIN477, compatible dioxyde de carbone, argon, GPL, azote hydrogéné, hélium, hydrogène, pur 5.0

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 (Part 1)		
Adjustment	by T-handle		
Gauge port	All regulators are equipped with both one supply pressure gauge and one outlet pressure gauge.		
Leakage rate	10 ⁻⁶ 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		



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

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



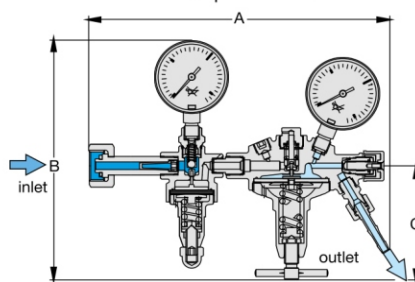
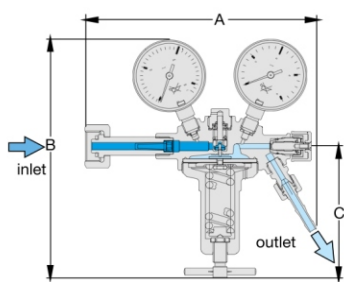
Regulator for propane and acetylene connections DIN 477, with inlet / outlet gauges **RH201**

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



Special options, change the appropriate letter

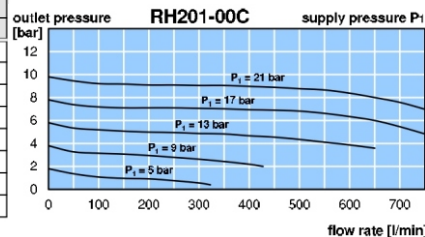
carbon dioxide	CO ₂	RH20 - ... 03
inert gas		RH20 - ... 04
argon	Ar	RH20 - ... 05
fuel gas		RH20 - ... 06
nitrogen	N ₂	RH20 - ... 07
forming gas		RH20 - ... 08
helium	He	RH20 - ... 09
hydrogen	H ₂	RH20 - ... 11
testing gas		RH20 - ... 12
oxygen	O ₂	RH20 - ... 15
chrome-plated body	inside and outside	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 ...



connection thread up to 200 bar		
gas type	inlet *1	outlet
compressed air	G3/8 m	G1/4
oxygen	G3/8 f	G1/4
inert gas	W21, 8x1/4	G1/4
CO ₂ / argon	W21, 8x1/4	G1/4
helium	W21, 8x1/4	G1/4
fuel gas	W21, 8x1/4 LH	G3/8 LH
hydrogen	W21, 8x1/4 LH	G3/8 LH
forming gas	W21, 8x1/4 LH	G3/8 LH

connection thread up to 200 bar		
gas type	inlet *1	outlet
nitrogen	W24,32x1/4	G1/4
testing gas	M19x1,5 LH	G3/8 LH
nitrous oxide	G3/8	G1/4
azetylene	clamp (cylinder)	G3/8a 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, Part 1
*2 at supply pressure of 2x outlet pressure + 1 bar

only left hand thread is marked LH, right hand RH is not marked.