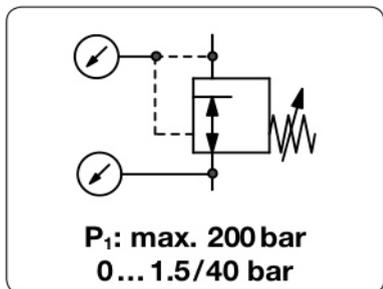


RH200 - Détendeur pour gaz en bouteille, raccordement DIN477, compatible dioxyde de carbone, argon, GPL, azote hydrogéné, helium, hydrogène, pur 5.0

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		
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		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... 1.5	RH202-00A
				48	800		0... 10	RH202-00C



RH201, 1-step

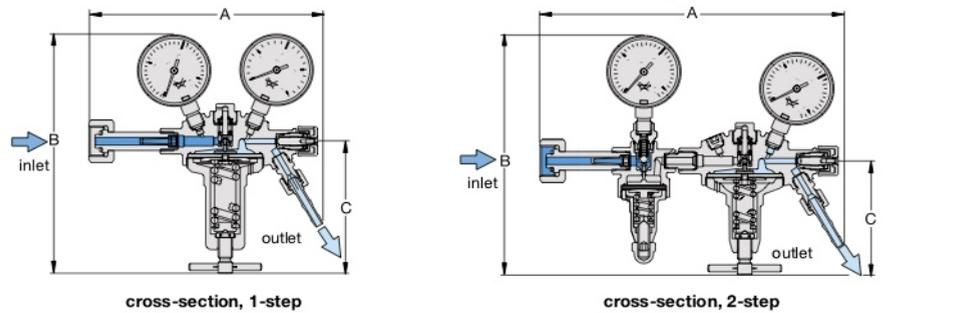
Regulator for propane and acetylene				connections DIN 477, with inlet / outlet gauges			RH201	
210	190	100	1-step	propane	C ₃ H ₈	max. 8	0... 4.0	RH201-00B16
210	190	100	1-step	azetylene	C ₂ H ₂	max. 26	0... 1.5	RH201-00A19

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		up to 40 bar RH20 - .-... 08
helium	He	up to 40 bar RH20 - .-... 09
hydrogen	H ₂	RH20 - .-... 11
testing gas		up to 40 bar RH20 - .-... 12
oxygen	O ₂	up to 40 bar 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...



RH202, 2-step

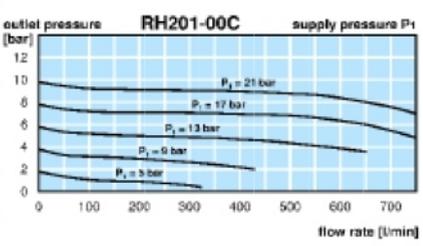


RH201-C..., chrome-plated

connection thread up to 200 bar		
gas type	inlet *1	outlet
compressed air	G½ a	G½
oxygen	G¾ l	G¾
inert gas	W21, 8x½/4	G¾
CO ₂ / argon	W21, 8x½/4	G¾
helium	W21, 8x½/4	G¾
fuel gas	W21, 8x½/4 LH	G¾ LH
hydrogen	W21, 8x½/4 LH	G¾ LH
forming gas	W21, 8x½/4 LH	G¾ LH

connection thread up to 200 bar		
gas type	inlet *1	outlet
nitrogen	W24, 32x½/4	G¾
testing gas	M19x1,5 LH	G¾/LH
nitrous oxide	G¾	G¾
azetylene	clamp (cylinder)	G¾/4 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

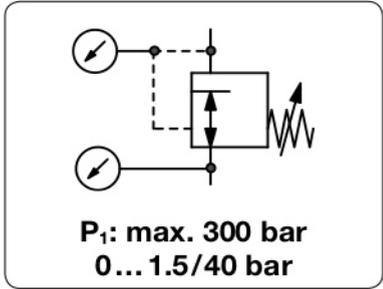


*1 Thread according to DIN 477, only left hand thread is marked LH, right hand RH is not marked.
*2 at supply pressure of 2x outlet pressure + 1 bar



RH300 - Manodétendeur simple ou double étage pour gaz en bouteille, compatible avec de nombreux gaz

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. 300 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 ⁻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	
mm	mm	mm	2-step			bar	

Cylinder pressure regulator 300 bar							for compressed air, connections DIN 477, with inlet / outlet gauges		RH300
210	190	100	1-step	48	800	300	0... 10	RH301-00C	
210	210	120		75	1250		0... 20	RH301-00D	
				120	2000		0... 40	RH301-00E	
240	190	100	2-step	8	133	300	0... 1,5	RH302-00A	
				48	800		0... 10	RH302-00C	



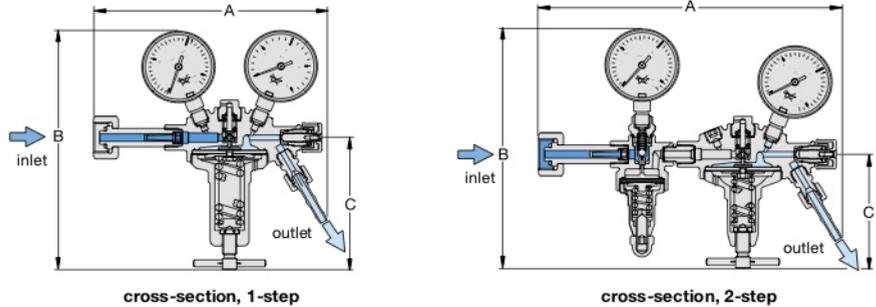
RH301, 1-step

Special options, change the appropriate letter

compressed air	connection gauge G ⁵ / ₈	RH35 .-. .
carbon dioxide	CO ₂	RH30 .-. . 03
inert gas		RH30 .-. . 04
argon	Ar	RH30 .-. . 05
fuel gas		RH30 .-. . 06
nitrogen	N ₂	RH30 .-. . 07
forming gas		up to 40 bar RH30 .-. . 08
helium	He	up to 40 bar RH30 .-. . 09
hydrogen	H ₂	RH30 .-. . 11
testing gas		up to 40 bar RH30 .-. . 12
oxygen	O ₂	up to 20 bar RH30 .-. . 15
chrome-plated body	inside and outside	1-step RH301 -C...
chrome-plated body	inside and outside	2-step RH302 -C...
metal diaphragm	5.0 purity	1-step RH301 -M...
		2-step RH302 -M...



RH302, 2-step



RH301-C..., chrome-plated

connection thread up to 300 bar		
gas type	inlet *1	outlet
fuel gas	W30x2 LH	G ⁵ / ₈ LH
all others	W30x2	G ¹ / ₄

flow rate - correction factor	
gas type	factor
compressed air	1.00
oxygen	0.95
carbon dioxide	0.81
hydrogen	3.80
argon	0.85
helium	2.70
propane	0.80
nitrous oxide	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

