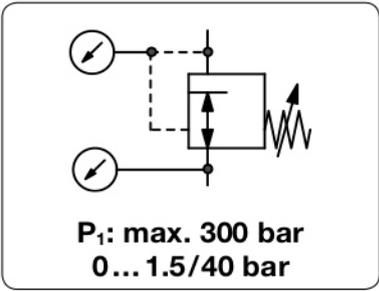


RH300 - Manodétendeur simple ou double étage pour gaz en bouteille, compatible avec de nombreux gaz

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	bar
mm	mm	mm	2-step				

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	1 250		0... 20	RH301-00D
				120	2 000		0... 40	RH301-00E
240	190	100	2-step	8	133	300	0... 1,5	RH302-00A
				48	800		0... 10	RH302-00C



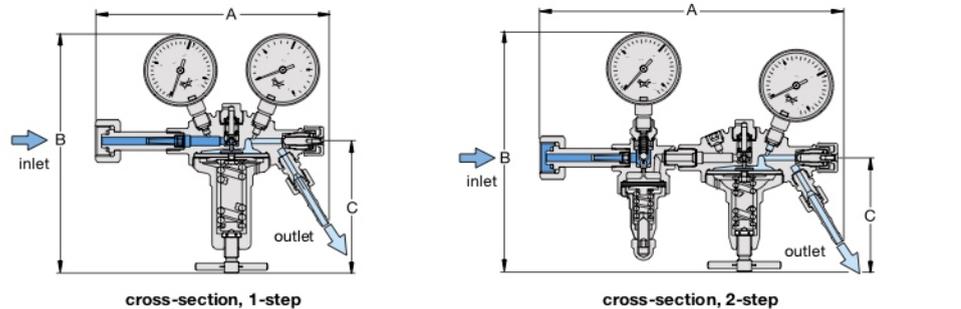
RH301, 1-step

Special options, change the appropriate letter

compressed air	connection gauge G ³ / 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...



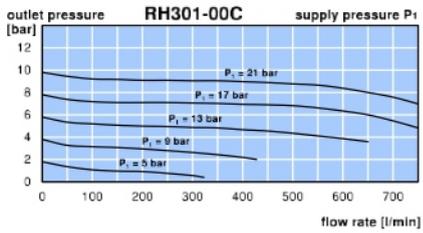
RH302, 2-step



RH301-C..., chrome-plated

connection thread up to 300 bar		
gas type	inlet *1	outlet
fuel gas	W30x2 LH	G ³ / ₈ LH
all others	W30x2	G ¹ / ₄

flow rate - correction factor	
gas type	factor
compressed 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

