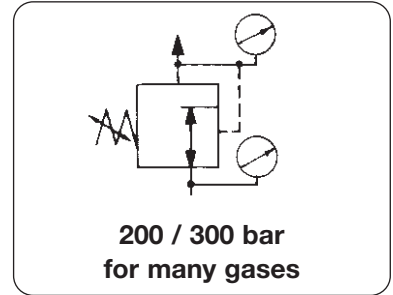




Description	High pressure regulator for cylinders for reducing pressure of compressed air or liquid gases from a high level e.g. 200 bar or 300 bar, to the required pressure.
Cylinder press.regulator	manually operated shut-off valve on the outlet side. All pressure regulators with gauge for supply and outlet pressure.
Pressure compensation	All regulators with pressure compensation except for F10, but version for O ₂ is also compensated. As the cylinder pressure decreases, the operating pressure remains constant, as does the gas consumption. Without pressure compensation, the operating pressure increases if the cylinder pressure decreases and gas consumption increases by up to over 30%.
Certification	Pressure regulators for oxygen or acetylene are BAM-tested according to TRAC authorization as per 84D... Pressure regulators for acetylene are for 20 bar input pressure.
Connections	All connections correspond to DIN 477. Cylinder pressure regulators have nipples for tubes of Ø 6 or Ø 8 in the outlet port.



Dimensions		Supply pressure	Version	Flow rate	Pressure range	Type	Order number
B	T	max. bar	1-step 2-step	m ³ /h	bar		
mm	mm						

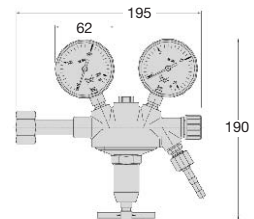
Cylinder press. regulator		for air, with gauges,	200 bar in/out: R5/8 / G1/4	300 bar in/out: W30x2 / G1/4	200/300
210	75	200 bar	1-step	48	0 ... 10 bar F10 207.000
				75	0 ... 20 bar F20 207.300
				130	0 ... 30 bar F30 207.350
240	75		2-step	8	0 ... 1.5 bar F10/2 207.250
				48	0 ... 10 bar F10/2 207.200
210	75	300 bar	1-step	48	0 ... 10 bar F10/3 307.005
				75	0 ... 20 bar F20/3 307.300
				130	0 ... 30 bar F30/3 307.350
240	75		2-step	48	0 ... 10 bar F10/2/3 307.200



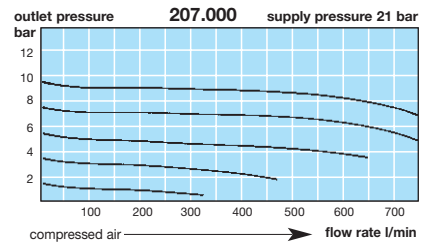
Manifold press. regulator		for air, with gauges,	200 bar in/out: R5/8 / G1/2	300 bar in/out: W30x2 / G1/2	200/300
200	75	200 bar	1-step	75	0 ... 20 bar H 20 207.520
				170	0 ... 20 bar HR20 207.525
				290	15 ... 40 bar HR40 207.545
				450	15 ... 60 bar HR60 207.565
200	75	300 bar	1-step	75	0 ... 20 bar H 20 307.520
				170	0 ... 20 bar HR20 307.525
				290	15 ... 40 bar HR40 307.545
				450	15 ... 60 bar HR60 307.565



Special options add or change the appropriate number or letter					
oxygen	O ₂	F10 - F20 and H20 - HR60	BAM approved	8	e.g. 208.000
acetylene	C ₂ H ₂	only F10	P _S : 26 bar, P _O : 1.5 bar	9	e.g. 209.000
nitrogen	N ₂	F10 - F30		3	e.g. 203.000
testing gas		only F10		38	e.g. 203.800
nitrous oxide	N ₂ O	only F10		306	e.g. 203.060
fuel		all pressure regulators		4	e.g. 204.000
hydrogen	H ₂	only F10		4	e.g. 204.005
forming gas		only F10		48	e.g. 204.800
inert gas		all pressure regulators		6	e.g. 206.300
CO ₂ / argon	Ar	all pressure regulators		6	e.g. 206.000
helium	He	F10 to F10/3		602	e.g. 206.020
press. compens.		as standard, except F10		5	e.g. 207.005
chrome-plated		all pressure regulators		C	e.g. 207.000C
metal diaphragm		5.0 cleanness	1-step regulator	M	e.g. 207.000M
		5.0 for manifold reg. / 2-step cylinder regul.		M	e.g. 207.250M
special range		please indicate pressure range on order		Q	e.g. 207.000Q



Connection up to 200 bar			Connection up to 300 bar			Flow Rate	
Gas	Supply *1	Outlet *2	Gas	Supply *1	Outlet *2	Gas	Factor
compressed air	G5/8	G1/4 o G1/2	nitrogen	W24,32x1/14	G1/4	compressed air	1.00
oxygen	G3/4	G1/4	testing gas	M19x1,5 LH	G3/8LH	oxygen	O ₂ 0.95
inert gas	W21, 8x1/14	G1/4	nitrous oxide	G3/8	G1/4	carbon dioxide	CO ₂ 0.81
CO ₂ / argon	W21, 8x1/14	G1/4	acetylene	bow (cylinder)	G3/8a LH	hydrogen	H ₂ 3.80
helium	W21, 8x1/14	G1/4	Connection up to 300 bar			argon	Ar 0.85
fuel gas	W21, 8x1/14 LH	G3/8 LH	Gas	Supply *1	Outlet *2	helium	He 2.70
hydrogen	W21, 8x1/14 LH	G3/8 LH	fuel gas	W30x2	G1/4	propane	C ₃ H ₈ 0.80
forming gas	W21, 8x1/14 LH	G3/8 LH	all other	W30x2 LH	G3/8 LH	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 Male thread, G1/4 up to 130 m³/h *3 at supply pressure of 2 x outlet pressure + 1 bar

For your information:	1 bar: 14.5 psi 1 psi: 0.069 bar	1 l/min: 0.035 scfm 1 scfm: 28.3 l/min	1 mm: 0.039 inch 1 inch: 25.4 mm
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Order example:
207.350