

GA Pressure Regulators



GA's regulators are powerful and with a high material quality. Together with our long experience in the gas area, we keep the regulators safe and reliable.

STABILITY

Due to the unique valve design, the regulators keep a constant pressure even when the cylinder pressure is falling. This gives an outstanding advantage.

SERVICE

The very few moving parts give a long and reliable lifecycle.

PRACTICAL ADVANTAGES

Central position of adjusting wheel and pivotable gauges gives a quick change of working place. The outlet valve can close the flow temporarily, without closing cylinder valve. When it reopens, you maintain the pre-adjusted pressure/flow.

GA regulators are suitable for almost all gases, applications and pressures.

We offer two pressure ranges: 0,1-200bar and 0,1-300bar.

Single or double flow meters, volume gauge on outlet side, cylinder or manifold regulators.

Any connection thread is possible.

All parts are manufactured by GA and ensure quick and reliable service.

SAFETY

Inlet connector has a filter, protecting the regulator from particles. A safety valve, between the gauges will blow, if the pressure exceeds the capacity of the regulator. The adjustment can only be to the maximum of what the regulator is pre-set for. Safety gauges with backside release at heavy pressure increase. To minimize gas flow, the gauge nipple has a built in restricting device. 100% test and function control gives top safety.

CERTIFICATE

The regulator has been certified by DNV acc. to ISO-EN2503 and ISO-EN7291, and it follows DIN477, ISO 28821 and ISO 5145 NEVOC standards.

A perfect regulator for industry, offshore, food industry and laboratories.

GA Pressure Regulators



Current Standards:

Area	Standard	Reference
Cylinder regulator	ISO-EN 2503	DNV-2010-3481/12T7LN4-1
Manifold regulator	ISO-EN 7291	DNV-2010-3482/12T7LN4-2
Cleaning O2	GS-38	YP-GS-38-140410
Cylinder connection 200 bar	DIN 477	GA quality dept.
Cylinder connection 300 bar	ISO DIS 5145 NEVOC	GA quality dept.
Out connection	ISO DIN 3253	GA quality dept.

Flowcharts:

ACETYLEN

Working pressure (bar)	0	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1,0
Cylinder pressure (bar)	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h
7	0,0	1,0	4,5	6,2	8,1	9,5	11,20	12,5	14,0	15,3	18,2
3	0,0	0,0	3,8	5,8	7,5	8,8	9,5	10,3	10,5	11,0	11,0
0,8	0,0	0,0	3,0	4,2	5,0	5,0	5,0	5,0	5,0	5,0	5,0

OXYGEN*

Working pressure (bar)	0	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0	10,0
Cylinder pressure (bar)	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h
100	0,0	15,0	25,0	35,0	47,0	55,0	65,00	72,0	81,0	90,0	100,0
21	0,0	13,0	22,0	32,0	41,0	50,0	57,0	59,0	62,0	63,0	64,0
8	0,0	12,0	18,0	23,0	23,0	23,0	23,0	23,0	23,0		

* and other air gases