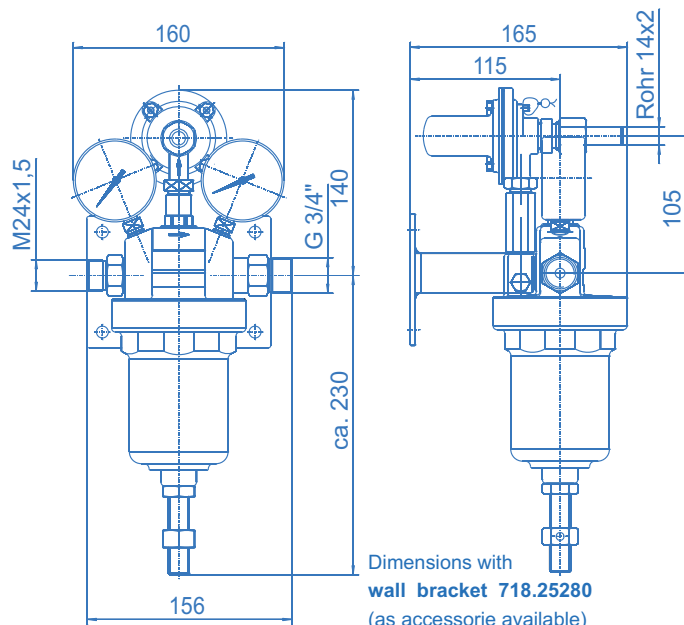


Regulator U13 for acetylene



Pressure regulator U13 AC for acetylene

Dimensions and connections



Product features

- Diaphragm line pressure regulator
- Specially for acetylene
- For flow rates up to 120 m³/h acetylene
- Single-stage with high control accuracy
- Central filter in the pressure regulator
- Safety pressure gauge acc. to DIN EN ISO 5171
- Pressure regulator with integrated over-pressure valve SV73
- Wall bracket as accessorie available

Attention:

For the U13 special fittings with orifice holes have to be used to ensure a correct function of the pressure regulator.

Technical data

Type	single-stage
Inlet pressure P₁	max. 25 bar
Outlet pressure P₂	max. 1,5 bar
Materials	
Body:	brass
Bonnet:	Alu (plastic coated)
Diaphragm:	EPDM
Valve seat regulator:	PA
Ports	
Inlet:	M24 x 1,5
Outlet:	G 3/4"- male
Pressure gauge ports:	G 1/4"- female
Outlet over-pressure valve:	G 1/2"- male with steel welding stub (ST35) 14 x 2 mm
Temperature range	-30°C to +60°C
Leak rate	<10 ⁻⁴ mbar l/s He
Weight	approx. 4.5 kg

Ordering information: **U13 W6 - AC - 25 - 1,5 (part no.: 500.96810)**
 U13 W6 - AC - 25 - 2,5 (part no.: 717.09270)

Flow rates

Inlet pres. [bar]	Flow rate [m ³ /h] @ outlet pressure P ₂					
	0,5 bar	1 bar	1,2 bar	1,5 bar	2,0 bar	2,4 bar
18	85	90	95	100	120	120
10	50	52	54	56	60	65
4	21	21	22	22	33	35
2	7	13	13	13	13	-

* Construction and operation of facilities including pressure regulators with an outlet pressure of more than 1.5 bar must be approved by the responsible authorities (e.g. notified body).

Performance factor L₁₀ = 5,5