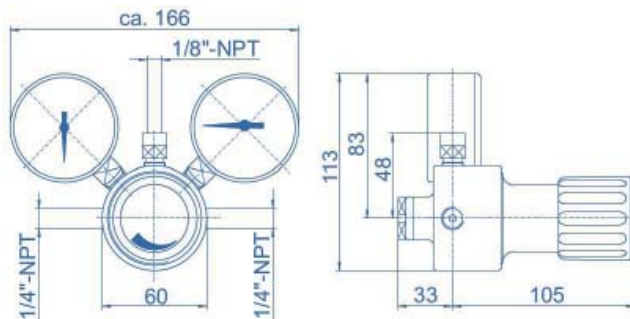


# Pressure regulator BT61AC

spectro**tec**



BT61AC for acetylene



Dimensions

## Product features

- Diaphragm line pressure regulator
- Specially for acetylene
- For flow rates up to 8 m<sup>3</sup>/h acetylene
- Single-stage with high control accuracy
- Central filter in the pressure regulator
- Safety pressure gauge acc. to DIN ISO 5171
- Pressure regulator with integrated relief valve

## Technical data

<b>Type</b>	single-stage
<b>Flow rate Q</b>	max. 8 m <sup>3</sup> /h
<b>Inlet pressure P<sub>1</sub></b>	max. 25 bar
<b>Outlet pressure P<sub>2</sub></b>	max. 0.2 ... 1.5 bar
<b>Materials</b>	
Body:	brass
Bonnet:	Plastic
Valve seat:	PA
Diaphragm:	EPDM
<b>Connections</b>	
Inlet:	1/4"-NPT female
Outlet:	1/4"-NPT female
Pressure gauge ports:	G 1/4" female
Outlet relief valve:	1/8"-NPT female
<b>Temperature range</b>	-20°C to +60°C
<b>Leak rate</b>	≤10 <sup>-4</sup> mbar l/s He
<b>Weight</b>	ca. 1.8 kg

## Flow rates and Performance factor

BT61AC	Flow rate Q [m <sup>3</sup> /h] at P <sub>2</sub> [bar]			
	P <sub>1</sub>	0,5	1	1,2
<b>18 bar</b>		5,0	6,0	8,0
<b>10 bar</b>		4,5	5,5	6,5
<b>4 bar</b>		3,0	4,0	5,0
<b>2 bar</b>		1,5	2,0	3,0

Performance factor L<sub>10</sub> = 3

## Article number

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