

# Needle Valve NVT - 3



These valves are very corrosion resistant and perfectly suited for the regulation of gas samples in industrial as well as laboratory applications. While designed for gaseous media, the valves can be used with liquids as well.

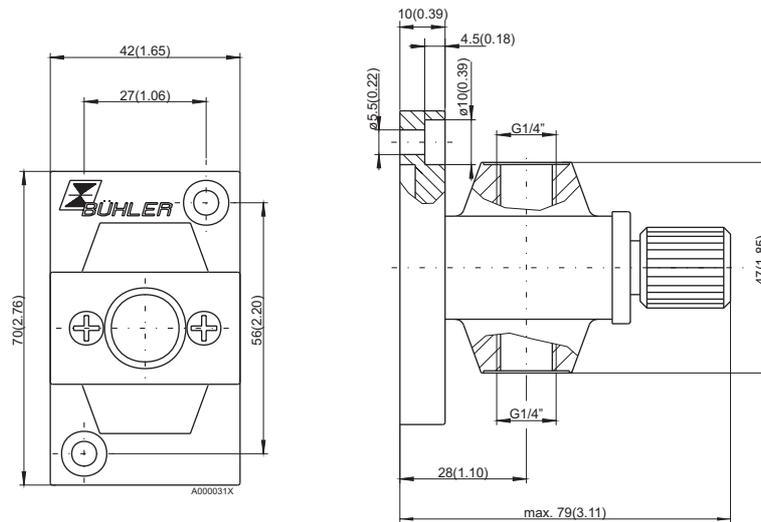
The materials are resistant to hydrofluoric acid solutions.

The precise adjustment of the spindle provides a very sensitive setting of the flow rate.

- **Highly Corrosion Resistant Materials**
- **Simple, Reliable Construction**

## Dimensions

mm (approx.in.)



## Technical Data

<b>Material:</b>	see ordering information below
<b>Connections:</b>	G 1/4"
<b>Flow (max. NI/h):</b>	approx. 400
<b>Operating pressure max.:</b>	6 bar
<b>Temperatures (max °C):</b>	
Media	130 °C
Ambient	80 °C

### Note:

The NVT-3 needle valve is not fit for using as a shutoff valve.



### Application in explosive atmosphere (additional indications):

There is no Ex-designation on the type plate of the equipment, because it is not within the scope of directive 94/9/EC. However the equipment corresponds to the essential requirements of the directive 94/9/EC. Therefore they can be used in explosive atmosphere (**zone1, group IIB**). Inflammable gas and flammable gas which is only temporary explosive in normal operation (**zone 1; group IIC**) can led through the needle valve.

### Attention !



#### Electrostatic charge

Clean plastic parts and labels with damp cloth only.

### Attention !



#### Gas emission

- Protect the equipment against being hit.
- Life- and explosion risk may result from gas leakage due to improper use.
- During maintenance or inspection release the process pressure or switch off the process. Use face protection and gloves. The gas in the process may be harmful or explosive.

## Please indicate with order

Part No.	Type	Application	Material
40 01 899	needle valve NVT - 3	<b>Standard application</b>	PTFE / PVDF / Viton
40 01 799	needle valve NVT - 3 - SO	<b>Highly corrosive media</b>	PTFE / PCTFE / perfluorelastomer