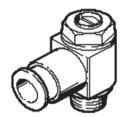


# Data sheet

## **Preset Valve**

Preset valve for PB3 operation

Sheet 1 von 1



**Preset valve(1000 603 800)** is adjusted and locked to be mounted directly on the PB3 plasma generator.

#### The valve provides:

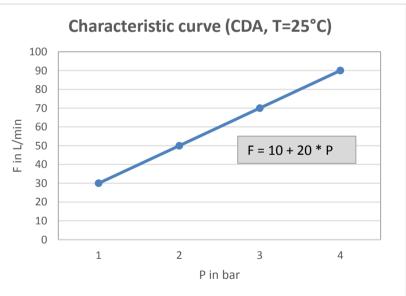
- quick connector for 6mm pneumatic tube
- limitation and damping of the gas flow
- air supply using simple flow/pressure characteristic line

#### Preset valve (1000 603 800) is used for:

- simple air supply setup without active flow control
- pressure controled air supply
- combination with manual pressure reducer and manometer
- combination with standard air service unit

Compressed air characteristic curve at room temperature								
Pressure		Flow	Flow					
1	bar	30	L/min					
2	bar	50	L/min					
3	bar	70	L/min					
4	bar	90	L/min					





### Mounting position of the valve on PB3

The characteristic curve is only valid if the preset lock is left unchanged and the length of the hose  $(D_i=4mm)$  is 1m. If a hose of 5 m length is used the pressure has to be increased by 10%. If the length of the hose is 10m the pressure has to be increased by 20%.

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