

# MPG 03 HD

## Manual Valve



- ♦ Medium : inert gases / rare gases / O<sub>2</sub> / CO<sub>2</sub> / air, other media on request
- ♦ Suitable for high-pressure oxygen service
- ♦ Approval : BAM
- ♦ Conformity : ATEX

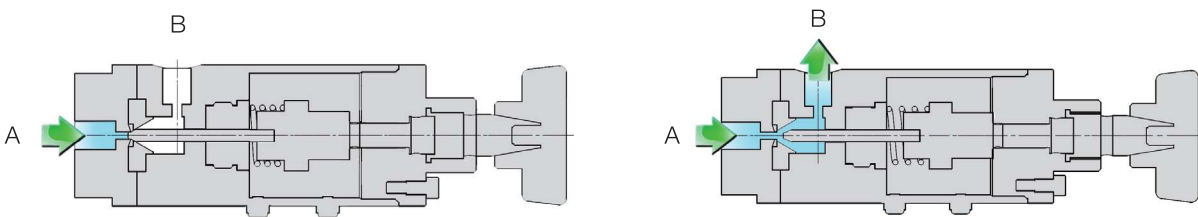
The MPG 03 HD is a manually operated valve with 3 mm seat. By turning a rugged and ergonomic hand wheel the valve opens and closes manually.

## Technical data

Version February 2016

♦ Pressure range	PN 420
♦ Standard connections	G 1/4, NPT 1/4
♦ Nominal diameter	DN 03
♦ Actuation	Hand wheel
♦ Media temperature	from - 40 °C to + 80 °C
♦ Ambient temperature	from - 40 °C to + 60 °C
♦ Leak rate	10 <sup>-6</sup> mbar x l x s <sup>-1</sup>
♦ Flow direction	A → B                      B → A
♦ Kv-value	0,25 m <sup>3</sup> /h                      0,29 m <sup>3</sup> /h
♦ Weight	2,0 kg

## Function



♦ Closed

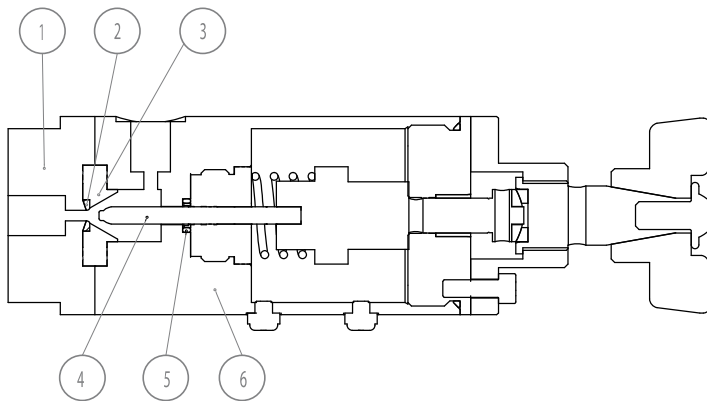
♦ Open

 Medium : gas  Flow direction

## Options for this valve type

- ◆ Connections
  - Threaded female socket (brass) G 1/4, NPT 1/4
  - Further connections available, wide range of adapters on stock
- ◆ Assembly in compact manifolds (possibility to join up to 5 valves on 1 module)
- ◆ Other options on request

## Material specification, Spare parts



Position	Description	Material
1	Lower valve body	Brass
2	Valve seat	PEEK
3	Valve seat holder	Brass
4	Valve spindle	Monel
5	Spindle seal	Turcon®
6	Valve body	Brass

- ◆ Spare parts
  - Article number
  - seal kit for standard valves: 20171

## Dimensions

