

# 451

## In-line High-pressure cylinder valve

Simple valve or with RPV / MPR

### TECHNICAL SPECIFICATIONS:

- The valve is oxygen pressure surge tested by BAM for WP 300 bar
- Reliable opening/closing setting of the RPV function
- Minimum Pressure Retention: 3 - 7.5 bar
- Approved for -40° C
- The distance from the sealing surface to the tip of the pin can be customised
- Impact value of 400J / 111KG can be achieved with inlet thread 25ES
- RPV unit can be replaced
- Max passage: Ø6mm

*For further technical specifications on this valve please see reverse.*



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# TECHNICAL SPECIFICATIONS:

## 451 In-line High-pressure Cylinder Valve

### About this valve

The valve is manufactured in Denmark on state of the art manufacturing equipment, and the quality is monitored throughout the entire process. The valve is assembled on an automated assembly line and the valve is subjected to a 100% functional test. After passing all tests on the assembly line it is securely packed for shipping.

**BAM Approved:** According to ISO 10297 & 15996

**Working pressure:** 300 bar & 200 bar

**Inlet connection:** 25E, 25ES, or other on request

**Inlet filter:** On request

**Outlet connection for simple valve:** DS2404, DIN, NEN, AFNOR,

UNI, NBN, CGA, BS, AS, ISO 5145 or other on request

Outlet with RPV (200 bar): DS2404, DIN, BS and others when compatible

**Dip Tube:** On request, M10x075, or other

**Anti dust tube:** On request

Residual Pressure Valve / Minimum Pressure Retention: 3 - 7.5 bar retain pressure

**Handwheel:** Plastic Ø58.5 or Ø65 and with logo on request. Aluminium handwheel is optional. Free spinning and oval handwheel on request.

For key operated valve see our 456 variant

**Burst disc:** On request, according to CGA S 1.1

**Max flow:** On request

**Tape / Plastic protection cap:** On request

**Fusible element:** On request

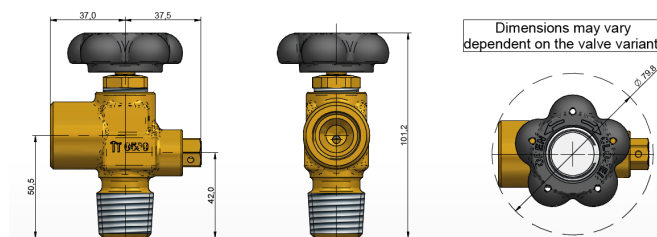
**Surface treatment:** Chromium plating on request

**Passage:** Ø4 and Ø6 depending on configuration

Contact our Sales Department to place your order:

**Phone:** +45 73 42 12 12

**info@bmv.dk**



## 451 - HIGH PRESSURE CYLINDER VALVE



- Robust design
- Many different size variations
- Inlet and outlet on the same center line

## SAME QUALITY, REDUCED CO<sub>2</sub> EMISSION (TYPE 453)



- Optimized weight and brass saving design
- Approximately 13.3% reduced CO<sub>2</sub>

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**Müller Gas Equipment A/S**

Mommarkvej 7-11 · Vollerup · DK-6400 Sønderborg

Telefon: +45 73 42 12 12 · Fax: +45 73 42 12 07 · email: info@bmv.dk · [www.bmv.dk](http://www.bmv.dk)

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