

# 618

## VIPR - Inert

### TECHNICAL SPECIFICATIONS:

- 2 stage regulating system (300-50 bar / 0-6 bar)
- European Patent No. EP2215537
- Pressure indicator (0-360 bar) *Built into the valve body*
- Pressure gauge (0-40 l/min) *Built into the valve body*
- 2 stage regulating system, safety valve, RPV in one unit for easy maintainance
- Filter incorporated to protect the regulating unit
- Max flow rate 32 l/min *Min. 13 bar*

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



**80** years of proven experience

Discover more of our products at: [www.bmv.dk](http://www.bmv.dk)

# TECHNICAL SPECIFICATIONS: 618 VIPR - Inert

## About this valve

The Müller type 618 industrial VIPR sets new standards with its new innovative design. It is equipped with a two stage regulating unit including safety valve and RPV function. The regulating unit has a patented balanced system allowing you to change the flow settings by applying a constant torque. Pressure gauge and flow meter are incorporated into the main valve body for better protection.

For easy maintenance of the regulating unit, the main valve can be shut off and the complete unit can be replaced without further disassembly.

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 a fully automated assembly line using Helium as media for accurate leak testing. The valve is subjected to a 100% functional test on the assembly line with complete records of all test results, ensuring full data traceability. When the valve has passed all tests on the assembly line, it is allocated a unique serial number relating to the recorded test data, giving you a world class industrial VIPR!

**BAM Approved:** according to ISO 22435

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

**Inlet connection:** 25E, 25ES, or other on request. Anti dust tube on request

**Outlet connection:** Quick connect EN 561, screw connection ISO 3253, or other on request

**Filling connection:** DS2404, DIN, NEN, AFNOR, UNI, NBN, CGA, BS, AS, ISO 5145 or other on request

**Outlet pressure:** adjustable 0 - 25 l/min

**Residual pressure valve:** 3 - 7,5 bar retain pressure

**Safety valve opening:** max. 12 bar

**Safety valve closing:** min. 6,0 bar

**He leak tested:** leak rate of  $\approx 2 \times 10^{-3}$  mBAR x l/sec (6 cm<sup>3</sup>/h)

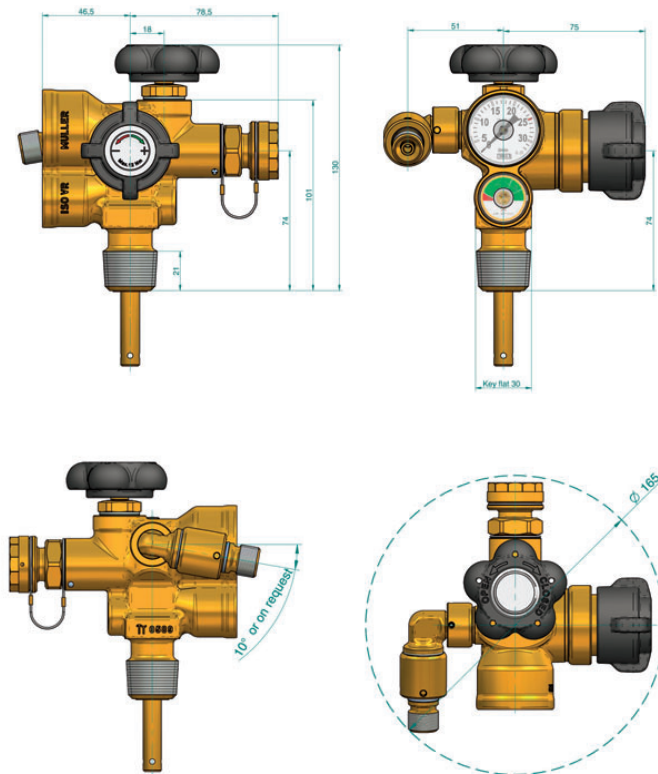
**Valve weight:** 1,9 kg

**Valve dimension, height over cylinder:** 110 mm (approx)

**Opening/closing to cylinder:** Handwheel

**Regulation of flow:** Handwheel

**Burst disc:** on request

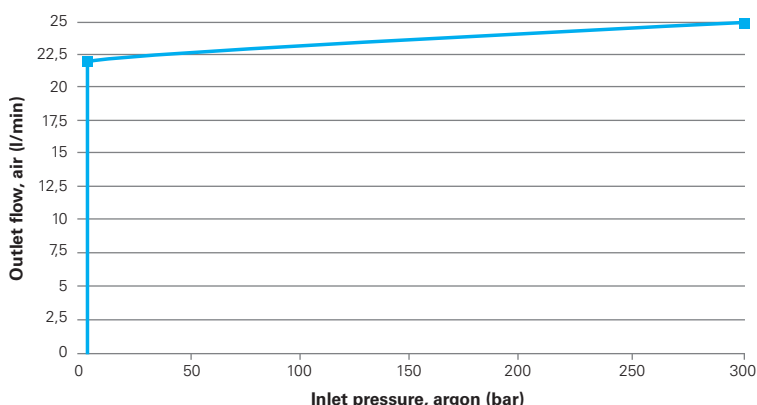


Contact our Sales Department to place your order:

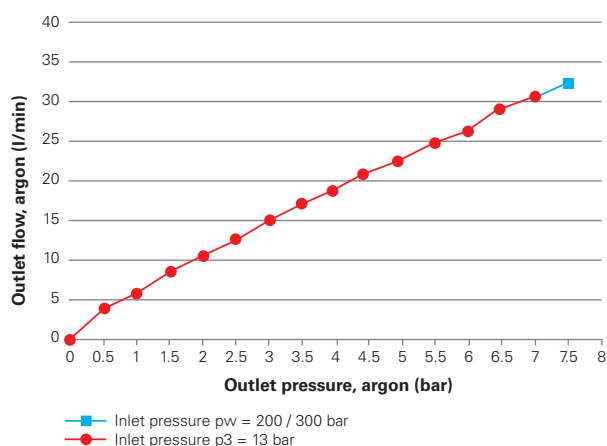
**Phone: +45 73 42 12 12**

**info@bmv.dk**

Regulationcurve 618-VIPR valve (Inert gas)



Regulation curve 618-VIPR valve (Inert gas)



# Müller

GAS EQUIPMENT A/S

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)

**GL** ISO 9001  
GL Systems Certification

CERTIFIED  
**MEDCERT**  
ISO 13485

EC Type-Examinations and  
QS Certification by:

**BAM**  
BAM-TPED-QS-2009/001