



VA12 Series

PNEUMATIC & HAND VALVES

NOVAM Valves

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Description

- Balanced valve : no effort required to open or close the valve.
- Throttle valve allowing gradual pressure rise.
- 90° or 180° rotation of both upper and lower bodies for an easier integration inside valves panels.
- Oxygen adiabatic compression tests performed by CTE at 420 bar.

Working Conditions

- Industrial gases : Oxygen, Hydrogen, Neutral and Rare gases, others on request.
- Medical gases : Oxygen, N2O, Medical air...
- Working pressure : from vacuum up to 550 bar.
- Working temperature : -40°C up to +80°C.

Connections

- Stainless steel welded connectors 1/2" Sch 80, 3/4" Sch 160, others on request.
- Monel welded connectors as an option.
- Pressure port on high pressure bodies.
- Other connectors on request.

Technical Data

- Nominal diameter : 12 mm.
- Internal tightness : metal-metal or metal-peek depending on the gas type.
- Material : brass; stainless steel on request.
- Stem and seat : Monel (peek seat for H2, He).
- O-Ring according to customer needs.
- External leak rate : less than 3.10-8 atm/cm3 Helium.

Options

- NO Normally Open Valve (instead of NC as a standard).
- Limit switch.
- Limit flow connector for pneumatic actuator.
- Electro-pneumatic positioner.
- Inter valves connector.
- Valves collector.
- ATEX version.

Overall Dimensions (mm)

