



# VA20 Series

PNEUMATIC & HAND VALVES

## NOVAM Valves

[PDF FILE](#)



## 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 360 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 420 bar.
- Working temperature : -40°C up to +80°C.

## Technical Data

- Nominal diameter : 20 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.

## 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.

## Options

- Normally open design.
- Limit switch.
- Inter valves connector.
- Limit flow connector for actuator.

## Overall Dimensions (mm)

