



# VAO3 SERIES

PNEUMATIC & HAND VALVES

## NOVAM Valves



PDF FILE

## Description

- 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 :
  1. Hand Valve : from vacuum up to 420 bar.
  2. Pneumatic Valve NC or NO : from vacuum up to 420 bar; in case of downstream pressure it has to be checked with SisNovam Technical department.
- Working temperature : -40°C up to +80°C.

## Technical Data

- Nominal diameter : 3 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

- Wide range of welded connectors.
- Other connectors on request.

## Options

- Limit switch.
- Limit flow connector for pneumatic actuator.
- ATEX version.

## Overall Dimensions (mm)

Vanne pneumatique VP3  
avec fin de course de position  
Pneumatic valve VP3  
with limit switch

