



VRG1 SERIES

REGULATION VALVES

NOVAM Valves



Description

- Specially designed to replace Kammer Regulation valve Kv 0,63 and Kv 0,063.
- Usually same interface thus no piping modifications.
- Needle valve design with a long stroke for better accuracy.
- Smooth opening of the valve.
- Oxygen adiabatic compression test 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 420 bar.
- Working temperature : -40°C up to +80°C.

Technical Data

- 4 designs : Kv 0,63 or 0,25 or 0,04 and 0,075 Helium.
- 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).
- External leak rate : less than 3.10^{-8} atm/cm³ Helium.
- Signal 4-20 mA.

Connections

- Stainless steel welded connectors 1/2" Sch 80, 3/4" Sch 160, others on request.
- Monel welded connectors as an option.
- Atex compliant regulation module.