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Hydrogen Valves ND12.7

**PNEUMATIC & HAND
VALVES**

Hydrogen Valves & Equipments

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Description

- Designed for Hydrogen applications, ATEX environment,
- 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.

Working Conditions

- Industrial gases : Hydrogen,
- Working pressure : Up to 700 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
- Other connectors on request.

Technical Data

- Nominal diameter : 12,7 mm (1/2")
- Internal tightness : metal-peek,
- Body Material : SW1
- Stem stainless steel, Seat peek.
- 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.
- Regulation valve : Electro-pneumatic positioner.
- Inter valves connector.
- Valves collector.

Overall Dimensions (mm)

