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# Hydrogen Valves ND6

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.

### Working Conditions

- Industrial gases : Hydrogen,
- Working pressure : Up to 450 bar (design pressure : 520 bar)
- Working temperature : -40°C up to +80°C.

### Connections

- Stainless steel welded connectors 1/2" Sch 80, others on request

### Technical Data

- Nominal diameter : 6 mm
- Internal tightness : metal-peek,
- Body Material : stainless steel or brass
- 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.

