

ND4 SERIES

PNEUMATIC & HAND VALVES

MRTech Valves

PDF FILE



Description

MRTech 360-600 bar ND4 valves have been specially designed as an optimized priced product with the same safety degree as the other MRTech products. The 360-420 bar ND4 valves have been strictly designed to work up to 420 bar pressure, and they have been tested and approved at 360 bar (Oxygen adiabatic compression test) by AIR LIQUIDE CTE (Expertise Technological Center).

- On Line Valve.
- Changeover from manual mode to pneumatic mode : simply changing the actuating unit.
- Full degreasing allowing secured oxygen use.

Working Conditions

- Working Pressure : 360 Bar/420 Bar.
- Working Temperature : Minus 30°C To Plus 80°C.
- Adiabatic Pressure Test : 360 Bar.
- MAWP : 600 Bar.
- Seat : Monel / Peek For H2 & He.
- Tightness : Less Than 10-6 Mbar*L/S.
- Gas Compatibility : Oxygen, Nitrogen, Argon, Co2, Neutral Gases, Acetylen, Hydrogen, Hélium, Corrosive Gases On Request.

Technical Data

- Flow diameter : 4 mm.
- Weight : 1,9 kg.
- Length : 70 mm.
- Overall diameter : 60 mm.
- Height : 123 mm.
- Body and internal parts material : brass and monel ; stainless steel on request.

Connections

- Connection : stainless steel ends, screwed or welded, or flanges.

Options

- Screwed connection ends : thread & diameter on request.
- Pipe end for welding (6 to 9,52 mm).
- End of motion transmitter (close-open).

