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Cut-off valve

Normal-temperature forged steel cut-off valve



Main parameters

Nominal pressure : 150LB~1500LB,(PN16~PN320)

Nominal diameter : 1/2"~2", (DN15~DN50)

Applicable media: NG, N2, Ar and other gases or liquids

Applicable temperature : -196°C~+150°C

Connection : SW, BW, NPT, flange

Test inspection : GB/T24925、BS6364

Product characteristics

1. Low leakage fireproof packing to prevent valve stem leakage and achieve fireproof function
2. Overall forged lengthened bonnet, structured without weld joint
3. Fully machined bonnet bore, small clearance between the bonnet bore and the valve stem, good cooling effect
4. The upper seal is located under the stuffing box to prevent abnormal pressure rise in the inner cavity of the bonnet when it is fully opened.
5. Overlaid cobalt-based alloy on the seal surface to ensure the service life.

Cryogenic forged steel cut-off valve



Main parameters

Nominal pressure : 150LB~1500LB,(PN16~PN320)

Nominal diameter : 1/2"~2", (DN15~DN50)

Applicable media: NG, N₂, Ar and other gases or liquids

Applicable temperature : -196°C~+150°C

Connection : SW, BW, NPT, flange

Test inspection : GB/T24925、BS6364

Product characteristics

1. Low leakage fireproof packing to prevent valve stem leakage and achieve fireproof function
2. Overall forged lengthened bonnet, structured without weld joint
3. Fully machined bonnet bore, small clearance between the bonnet bore and the valve stem, good cooling effect
4. The upper seal is located under the stuffing box to prevent abnormal pressure rise in the inner cavity of the bonnet when it is fully opened.
5. Overlaid cobalt-based alloy on the seal surface to ensure the service life.

Normal-temperature cast steel cut-off valve



Main parameters

Nominal pressure : 150LB-900LB(PN16-PN160)

Nominal diameter : 2"~6"(DN50-DN150)

Applicable media : NG, N2, Ar and other gases or liquids

Applicable temperature : -196°C~+300°C

Connection : flange, BW

Test inspection:GB/T 26480、API598

Product characteristics

1. Low leakage fireproof packing to prevent valve stem leakage and achieve fireproof function
2. Overlaid cobalt-based alloy on the seal surface to ensure the service life.
3. Lifting stem structure, beneficial to seal of valve stem of valve seat seal box

Cryogenic cast steel cut-off valve



Main parameters

Nominal pressure : 150LB~900LB,(PN16~PN160)

Nominal diameter : 2"~6", (DN50~DN150)

Applicable media : NG, N2, Ar and other gases or liquids

Applicable temperature : -196°C~+150°C

Connection : BW, flange

Test inspection : GB/T24925、BS6364

Design feature

1. Low leakage fireproof packing to prevent valve stem leakage and achieve fireproof function
2. Overall cast lengthened bonnet, structured without weld joint
3. Small clearance between bonnet bore and valve stem, good cooling effect
4. The upper seal is located under the stuffing box to prevent abnormal pressure rise in the inner cavity of the bonnet when it is fully opened.
5. Overlaid cobalt-based alloy on the seal surface to ensure the service life.
6. Lifting stem structure, beneficial to seal of valve seat and valve stem

Gauge valves/needle cut-off valves



Main parameters

Nominal pressure : 6.3MPa

Nominal diameter : 8~15mm

Valve body, valve stem: stainless steel

Applicable media : NG、O2、N2、Ar and other gases

Applicable temperature : -40°C ~+120°C

Suitable Temp. : -40°C ~+120°C

Media flow direction: upwards from the part below the valve flap

Test inspection : GB/T26480

Material of main parts

Valve body, valve stem, valve flap: stainless steel

Product characteristics

1. Compact design
2. Reliable sealing performance
3. Quick operation

Cryogenic vacuum jacketed cut-off valve



Main parameters

Nominal pressure : 4.0MPa

Nominal diameter : 25~50mm

Applicable media : NG, O₂, N₂, Ar and other gases or liquids

Applicable temperature : -196°C ~+80°C

Connection : welded

Media flow direction: upwards from the part below the valve flap

Test inspection : GB/T24925

Material of main parts

Valve body, bonnet, valve stem, valve flap: stainless steel

Material of seal: PCTFE

Product characteristics

1. Reliable low-temperature sealing performance
2. Easy online maintenance
3. Low leakage packing design

Cryogenic three-way cut-off valve



Main parameters

Nominal pressure : 4.0MPa

Nominal diameter : 15、25mm

Valve body, valve stem: stainless steel

Bonnet, valve flap: copper alloy
Material of seal: PTFE
Applicable media : NG、O₂、N₂、Ar and other gases
Applicable temperature : -196°C ~+80°C
Connection : welded
Test inspection : GB/T24925

Cryogenic short-axis cut-off valve



Cryogenic short-axis cut-off valve



Main parameters

Nominal pressure : 4.0MPa
Nominal diameter : 10~50mm
Valve body, bonnet, valve stem, valve flap: stainless steel
Material of seal: PTFE
Applicable media : NG、O₂、N₂、Ar and other gases
Applicable temperature : -120°C ~+80°C
Connection : welded
Media flow direction: upwards from the part below the valve flap
Test inspection : GB/T24925

Cryogenic long-axis cut-off valve



Main parameters

Nominal pressure : 4.0MPa
Nominal diameter : 10~50mm
Valve body, bonnet, valve stem, valve flap: stainless steel
Material of seal: PCTFE

Applicable media : NG、O₂、N₂、Ar and other gases or liquids
Applicable temperature : -196°C ~+80°C
Connection : welded
Media flow direction: upwards from the part below the valve flap
Test inspection : GB/T24925

Cryogenic long-axis cut-off valve



Main parameters

Nominal pressure : 4.0MPa
Nominal diameter : 65~200mm
Applicable media : NG, O₂, N₂, Ar and other gases or liquids
Applicable temperature : -196°C ~+80°C
Connection : welded
Media flow direction: upwards from the part below the valve flap
Test inspection : GB/T24925

Material of valve parts

Valve body, bonnet, valve stem, valve flap: stainless steel
Material of seal: PFA

Cryogenic angle cut-off valve



Main parameters

Nominal pressure : 4.0MPa
Nominal diameter : 10~50mm
Valve body, valve stem, valve flap: stainless steel
Bonnet: copper alloy
Material of seal: PCTFE
Applicable media : NG, O₂, N₂, Ar and other gases or liquids
Applicable temperature : -196°C ~+80°C
Connection : welded
Media flow direction: upwards from the part below the valve flap
Test inspection : GB/T24925

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