



Instrumentation & Piping valves



Monoflange valves



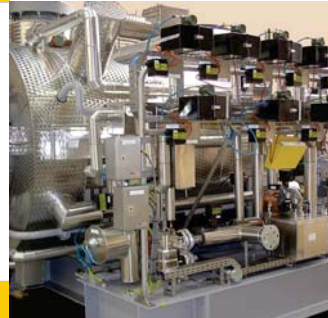
Plug valves



Large bore ball valves



Injection & sampling valves



Double block & bleeds



Various instrumentation valves

DELIVERY PROGRAM

Instrument needle & ball valves and manifolds

For more than 20 years **Imperial Valve** has been successfully supplying instrument needle valves, ball valves and manifolds to the oil, gas and petrochemical industries.



Needle valves and manifolds



Ball valves



Features

- Material traceability EN10204-3.1 standard
- Non-rotating stem
- Anti-blow out stem
- Optional handle locking
- Low operating torque on high pressures

Specifications

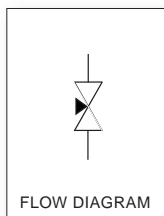
- Ratings: 6,000 PSI & 10,000 PSI
- Sizes: 1/4"-1"
- Materials: a wide selection of materials for both body and internals, e.g.: carbon steel, low alloy steels, stainless steels, Duplex, Ni-alloys and titanium. Including NACE MR-01-75 (latest revision)

Medium and high pressure valves

With the increasing demand of the market for high pressure valves, **Imperial Valve** has responded with an extended range of medium pressure (ca. 20,000 psi) and high pressure (up to 60,000 psi) needle and ball valves.

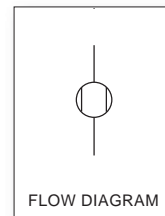


Needle valves medium & high pressure



FLOW DIAGRAM

Ball valves medium & high pressure



FLOW DIAGRAM

Features

- Adjustable packing for high cycle life and low operating torque
- Blow out resistant 2-piece non rotating stem with stem bearing for high cycle life and low torque operation
- Three standard mounting options
- Large section of tube and pipe fittings available
- Optional valve locking
- Easy panel mounting
- Ball valves: floating ball or trunnion mounted available

Specifications

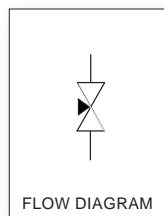
- Sizes: 1/4"-1"
- Ratings: 10,000 PSI, 20,000 PSI and 60,000 PSI
- Materials: a wide selection of materials for both body and internals, e.g.: carbon steel, low alloy steels, stainless steels, Duplex, Ni-alloys and titanium. Including NACE MR-01-75 (latest revision)

Monoflange valves

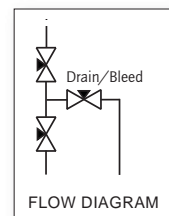
Where compactness and a high specification for mechanical and piping applications is required, **Imperial Valve** offers a complete range of monoflange valves in accordance with ANSI / ASME B.16.34.



■ Block valves



■ Monoflange double block & bleed valves



Features

- Fully in accordance with ANSI / ASME specifications
- Fire safe tested in accordance with BS 6755 part II
- Fully integral (OS+Y) bolted bonnet
- Metal seated on high pressure gas applications
- Saving space, weight and money

Specifications

- All ANSI / DIN flange sizes available
- Ratings: ANSI 150 - 2500 LBS / DIN PN10- PN160
- Materials: a wide selection of materials for both body and internals, e.g.: carbon steel, low alloy steels, stainless steels, Duplex, Ni-alloys and titanium. Including NACE MR-01-75 (latest revision)

Instrument double block & bleed valves

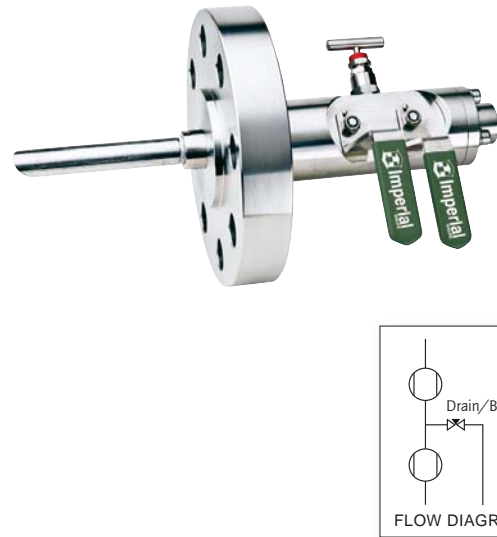
Where compactness and a high specification for mechanical and piping applications is required, **Imperial Valve** offers a complete range of instrument double block & bleed valves in accordance with ANSI / ASME B.16.34.



■ Double block & bleed valves



■ Sampling & chemical injection



Features

- Through bore ball-needle-ball configuration
- Reduced and full bore sizes available
- Flange x thread or flange x flange configurations
- Sampling and chemical injection versions available
- Handle locking option available
- Fire tested in accordance with BS6755 part II

Specifications

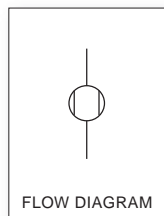
- Flange sizes 1/2" upto 3" available
- Ratings: ANSI 150-2500 lbs /
DIN PN10-PN160
- Materials: a wide selection of materials for both body and internals, e.g.: carbon steel, low alloy steels, stainless steels, Duplex, Ni-alloys and titanium. Including NACE MR-01-75 (latest revision)

Ball valves, large bore

Imperial Valve has introduced a new selection of large bore ball valves, including double block & bleed valves. These valves are available with ANSI and DIN flanges, sizes 1"-24", rating 150-2500 lbs / PN10-PN160, floating ball or trunnion mounted.



Single block ball valves



Double block & bleed valves



Features

- Floating ball or trunnion mounted ball
- Actuators, gear boxes and extended handles can be offered for these valves
- Cryogenic and high-temperature applications are available
- Soft or metal seated

Specifications

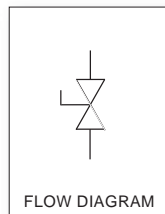
- Sizes: 2"-24"; ANSI and DIN flange
- Ratings: ANSI 150-2500 lbs / DIN PN10-PN160
- Materials: a wide selection of materials for both body and internals, e.g.: carbon steel, low alloy steels, stainless steels, Duplex, Ni-alloys and titanium. Including NACE MR-01-75 (latest revision)

Plug valves, large bore

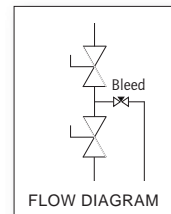
Imperial Valve has introduced a new selection of large bore plug valves including double isolating plug valves. These valves are available with ANSI and DIN flanges, sizes 1"-24", rating 150-2500 lbs / PN10-PN160.



■ Lubricated plug valves



■ Double isolating plug valves



Features

- Re-adjustable packing / plug
- Actuators, gear boxes and extended handles can be offered for these valves
- High-temperature applications available
- Lubricated metal seated or soft seated
- 3-way plug valves available

Specifications

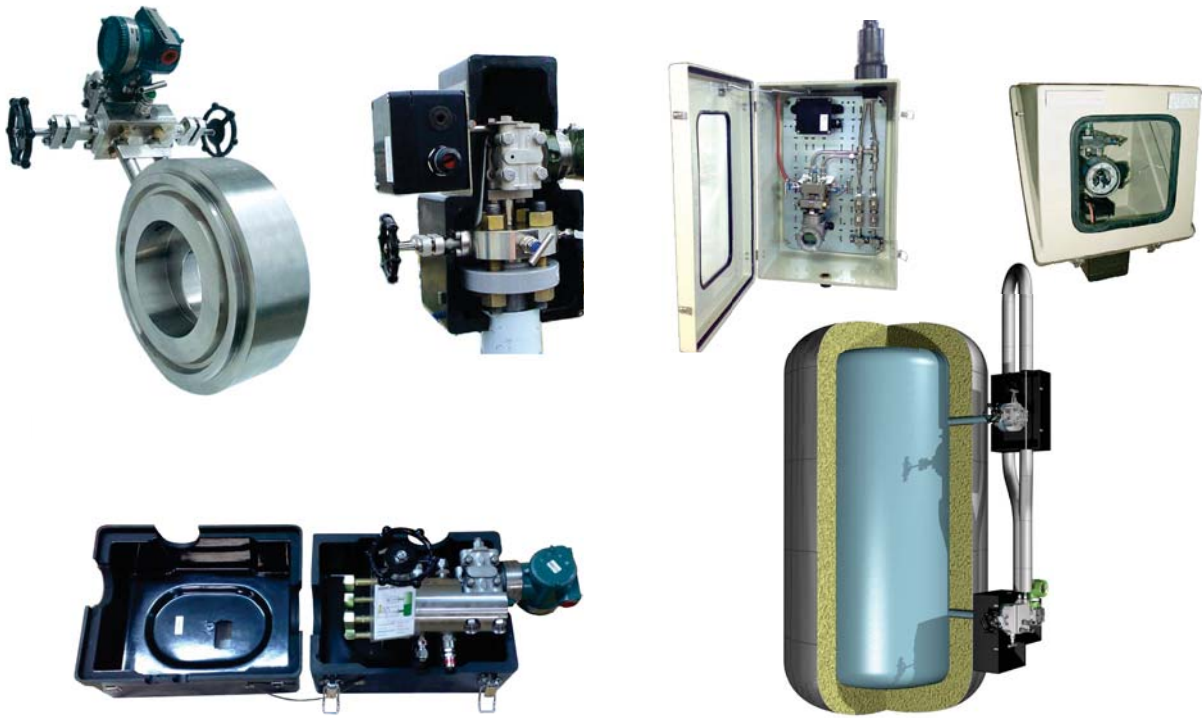
- Sizes: 2"-24"; ANSI and DIN flange possible
- Ratings: ANSI 150-2500 lbs / DIN PN10-PN160
- Materials: a wide selection of materials for both body and internals, e.g.: carbon steel, low alloy steels, stainless steels, Duplex, Ni-alloys and titanium. Including NACE MR-01-75 (latest revision)

Turn key solutions

Working together with major operators in the field of oil, gas and power generation, **Imperial Valve** has produced many turn-key solutions over three decades. Some of them are highlighted below.



■ Measurement solutions



Features

- Integral solutions often reduce the number of potential leak paths making a safer system
- By reducing the size and weight of hook-ups, these solutions will make considerable financial savings

Specifications

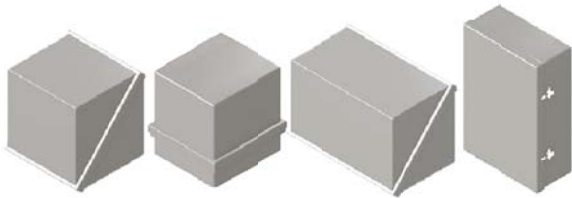
- All solutions are in accordance with the relevant international standard and specifications

Instrument enclosures

Together with DP Systems, **Imperial Valve** can offer a complete range of Glass Reinforced Polyester (GRP) instrument enclosures for protection against frost, sand, salt spray and other harmful environments.



■ Rigid enclosures



■ Non-rigid enclosures



Features

- Diagonal split/front door type available
- Thermally insulated body enclosures available
- Standard colour light gray
- Other colours available
- Stainless steel toggles and fasteners

Specifications

- Protection rating to IP66, BS 5490 / IEC 524
- Temperature range -55°C to +140°C
- Impact resistant to BS 5501
- Fire retardant to BS 476 part 7 class 2 and self extinguishing
- Anti-static to BS 5501 available

Check valves & accessories

Imperial Valve offers a new range of in-line instrument check valves in 6,000 and 10,000 PSI rating. To assure correct fit of valuable instruments we also provide a wide range of accessories.



Check valves



FLOW DIAGRAM

Accessories



Features

- Compact design in-line instrument check valves prevents back flow
- Imperial Valve instrument accessories are designed with very close tolerances and high mechanical quality to assure perfect fit with your valuable instruments

Specifications

- Check valves, in-line, 6,000 and 10,000 PSI, size range 1/4"-1"
- Standard cracking pressure is 20 PSI (1,38 bar) \pm 30%
- Wide range of materials available



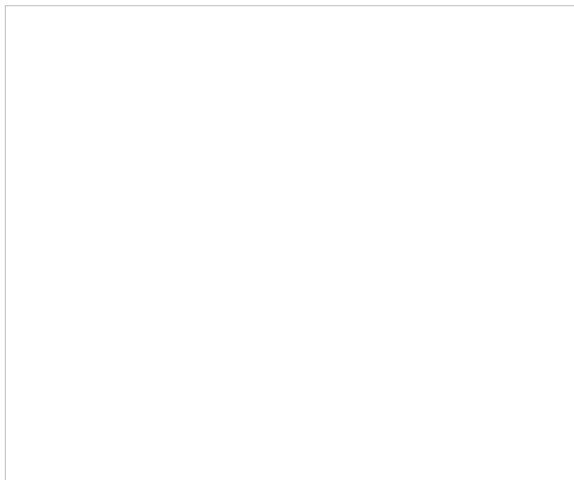
Imperial Valve BV, the Netherlands

- Sales office
- Production
- Assemblies / Turn key projects
- Testing & inspection
- Warehouse



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