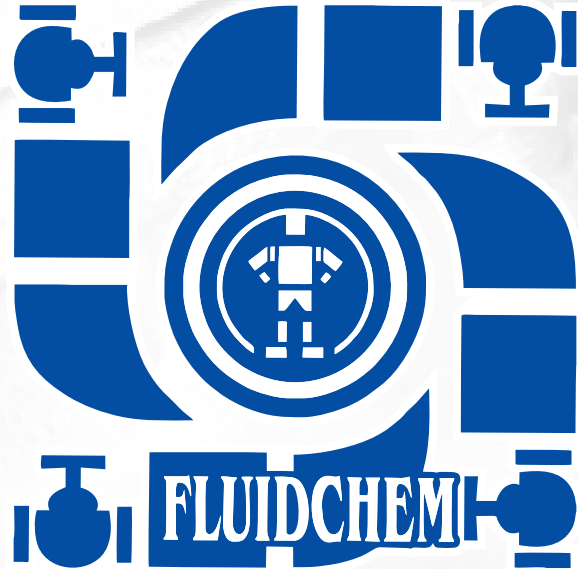




Industrial Valves Catalog



FLUIDCHEM VALVES (I) PVT. LTD.

ISO 9001 : 2015 CERTIFIED CO.



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COMPANY PROFILE

FLUIDCHEM is one of the leading manufacturer of Industrial Valves such as Gate Valves, Globe Valves, Check Valves, Ball Valves, Knife Gate Valves, Forged Steel Valves, Butterfly Valves, Sluice Valves, Wafer Check Valves and other different valves with a proven reputation for excellence in product quality, reliability and the highest level of customer service.

Our products include a wide variety of valves in Cast Iron, Cast Steel, Stainless Steel and other corrosion resistant alloys for class ASA150# to class ASA 600# pressure service. Our experience in the manufacturing of industrial valves encompasses over a decade and a half of craftsmanship and valve know-how. Through modern engineering, laboratory, research and testing facility, **FLUIDCHEM** has been one of the leaders in this industry. We are ISO 9001: 2015, NSIC Certified and MSME Certified company.

All our products are manufactured in house at our state-of-the-art industrial plants located at Vasai (Near Mumbai). Both our Unit-1 and Unit-II have been designed in a modular fashion with ample space to cater to bulk quantity orders. We also have a strong design team that uses various designing software for designing products based on customer requirement and application. From design to manufacture and timely delivery, our teams of professionals hold expertise at every stage, providing a strong technical competitive advantage for all your valve enquiries / orders.

FLUIDCHEM caters to varied and diverse industries like Nuclear and Thermal Power Plants, Chemical Plants, Petrochemical Refineries, Oil and Gas Production, Fertilizer Plants, Pulp and Paper Mills, Pharmaceutical Plants, Steel Plants, Sugar Mills, Shipping Industry, Water / Wastewater Facilities and others. There are currently over 300+ regular customers across various industries in India and around the world.

PARTIAL CLIENT LIST



GATE VALVE



Design Configuration:- OS&Y Type, Bolted Bonnet, Rising Stem
Design Standard:- API 600
End Connection:- Flanged End / Butt Weld
Material Of Construction:- CI / WCB / WC6 / WC9 / CF8 / CF8M
Testing / Inspection:- API 598
Production Range:-
 Size: 50mm to 600mm- Class: 150#
 Size: 50mm to 300mm- Class: 300#
 Size: 50mm to 250mm- Class: 600#

SLUICE VALVE



Design Configuration:- Bolted Bonnet, Non Rising Stem
Design Standard:- IS: 14846
End Connection:- Flanged End
Pressure Ratings:- PN 10 & PN 16
Body Material:- Cast Iron
Trim Material:- Stainless Steel / Gun Metal
Testing / Inspection:- As per standard
Production Range:- Size: 50mm to 600mm

GLOBE VALVE



Design Configuration:- OS&Y Type, Bolted Bonnet, Rising Stem
Design Standard:- BS 1873
End Connection:- Flanged End / Butt Weld
Material Of Construction:- CI / WCB / WC6 / WC9 / CF8 / CF8M
Testing / Inspection:- API 598
Production Range:-
 Size: 50mm to 600mm- Class: 150#
 Size: 50mm to 300mm- Class: 300#
 Size: 50mm to 200mm- Class: 600#

CHECK VALVE



Design Configuration:- Swing Type / Lift Type
Design Standard:- BS 1868
End Connection:- Flanged End / Butt Weld
Material Of Construction:- CI / WCB / WC9 / CF8 / CF8M
Testing / Inspection:- API 598 / BS 6755
Production Range:-
 Size: 50mm to 600mm- Class: 150#
 Size: 50mm to 300mm- Class: 300#
 Size: 50mm to 200mm- Class: 600#



FORGED STEEL GATE VALVE



Design Standard:- BS 5352 / API 602

Design Configuration:- Bolted Bonnet

End Connection:- Socket Weld / Screwed End / *Flanged End

Material Of Construction:- A105 / F304 / F316 / F5 / F9 / F22

Testing / Inspection:- API 598

Production Range:-

Size: 15mm to 50mm- Class: 800#

Size: 15mm to 40mm- Class: 1500#

Size: 15mm to 25mm- Class: 2500#

*Size: 15mm to 50mm- Class: 150# / 300# / 600#

FORGED STEEL CHECK VALVE



Design Standard:- BS 5352

Design Configuration: Bolted Bonnet

End Connection:- Socket Weld / Screwed End / *Flanged End

Material Of Construction:- A105 / F304 / F316 / F5 / F9 / F22

Testing / Inspection:- API 598

Production Range:-

Size: 15mm to 50mm- Class: 800#

Size: 15mm to 40mm- Class: 1500#

Size: 15mm to 25mm- Class: 2500#

*Size: 15mm to 50mm- Class: 150# / 300# / 600#

FORGED STEEL BALL VALVE



Design Standard:- BS:5351

Design Configuration:- Three Piece Design

End Connection:- Socket Weld / Screwed End

Material Of Construction:- A105 / F304 / F316

Testing / Inspection:- API 598

Production Range:-

Size: 15mm to 50mm- Class: 800#

FORGED STEEL GLOBE VALVE



Design Standard:- BS 5352

Design Configuration: Bolted Bonnet

End Connection:- Socket Weld / Screwed End / *Flanged End

Material Of Construction:- A105 / F304 / F316 / F5 / F9 / F22

Testing / Inspection:- API 598

Production Range:-

Size: 15mm to 50mm- Class: 800#

Size: 15mm to 40mm- Class: 1500#

Size: 15mm to 25mm- Class: 2500#

*Size: 15mm to 50mm- Class: 150# / 300# / 600#

WAFER TYPE BUTTERFLY VALVE



Design Configuration:- Wafer Type

Design Standard:- BS-5155 / API 609

End Connection:- Wafer Type to suit ANSI B 16.5, 150#

Material Of Construction:-

Body:- Cast Iron / WCB / SS304 / SS316

Disc:- S.G.I / WCB / SS304 / SS316

Seat:- Moulded Nitrile / EPDM Rubber / Silicon / Viton / PTFE

Pressure Class:- PN 10 / PN 16

Operation:- Hand Lever / Gear Box

Testing / Inspection:- BS 6755 / API 598

Production Range:-

Size: 40mm to 300mm- Hand Lever

Size: 150mm to 1000mm - Gear Operated

DOUBLE FLANGED TYPE BUTTERFLY VALVE



Design Configuration:- Double Flanged Type

Design Standard:- BS-5155 / API609

Flange Standard Conformity:- ANSI 150# / BS 10 Table D / E

Material Of Construction:-

Body:- Cast Iron / WCB

Disc:- S.G.I / WCB / SS304 / SS316

Seat:- Moulded Nitrile / EPDM / Silicon / Viton / PTFE

Pressure Class:- PN 10 / PN 16

Operation:- Hand Lever / Gear Box

Testing / Inspection:- BS 6755 / API 598

Production Range:-

Size: 40mm to 300mm- Hand Lever

Size: 150mm to 900mm- Gear Operated

LUG TYPE BUTTERFLY VALVE



Design Configuration:- Lug Type

Design Standard:- API 609

End Connection:- Wafer Type to suit ANSI B 16.5, 150#

Material Of Construction:-

Body:- Cast Iron / WCB

Disc:- S.G.I / WCB / SS304 / SS316

Seat:- Moulded Nitrile / EPDM / Silicon / Viton / PTFE

Pressure Class:- PN 10 / PN16

Operation:- Hand Lever / Gear Box

Testing / Inspection:- BS 6755 / API 598

Production Range:-

Size: 40mm to 300mm- Hand Lever

Size: 150mm to 900mm- Gear Operated

PNEUMATIC BUTTERFLY VALVE



Actuator:- Single / Double Acting

Design Configuration:- Wafer Type

Design Standard:- BS-5155 / API 609

End Connection:- Wafer Type to suit ANSI B 16.5, 150#

Material Of Construction:-

Body:- Cast Iron / WCB / SS304 / SS316

Disc:- S.G.I / WCB / SS304 / SS316

Seat:- Moulded Nitrile / EPDM Rubber / Silicon / Viton / PTFE

Pressure Class:- PN 10 / PN 16

Testing / Inspection:- BS 6755 / API 598

Production Range:-

Size: 40mm to 600mm



SINGLE PIECE BALL VALVE, SCREWED END

Design Configuration:- Single Piece Design (1 Piece)
Design Standard:- BS-5351
End Connection:- Screwed End to BSP / BSPT / NPT-F
Material Of Construction:- Cast Iron / MS / CF8 / CF8M
Testing / Inspection:- API 598 / BS 6755
Production Range:- Size: 06mm to 100mm- Class: 150#

SINGLE PIECE BALL VALVE, FLANGED END

Design Configuration:- Single Piece Design (1 Piece)
Design Standard:- BS-5351
End Connection:- Flanged End
Material Of Construction:- WCB / CF8 / CF8M
Testing / Inspection:- API 598 / BS 6755
Production Range:- Size: 15mm to 100mm- Class: 150#

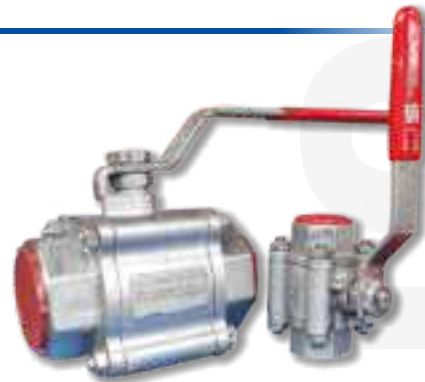


TWO PIECE BALL VALVE, FLANGED END

Design Configuration:- Two Piece Design (2 Piece)
Design Standard:- BS-5351
End Connection:- Flanged End
Material Of Construction:- WCB / CF8 / CF8M
Testing / Inspection:- API 598 / BS 6755
Production Range:- Size: 15mm to 100mm- Class: 150#

THREE PIECE BALL VALVE, SCREWED END

Design Configuration:- Three Piece Design (3 Piece)
Design Standard:- BS-5351
End Connection:- Screwed End to BSP / BSPT / NPT-F
Material Of Construction:- WCB / CF8 / CF8M
Testing / Inspection:- API 598
Production Range:- Size: 15mm to 80mm- Class: 150#



THREE PIECE BALL VALVE, FLANGED END

Design Configuration:- Three Piece Design (3 Piece)
Design Standard:- BS-5351
End Connection:- Flanged End
Material Of Construction:- Cast Iron / WCB / CF8 / CF8M
Testing / Inspection:- API 598 / BS 6755
Production Range:- Size: 15mm to 300mm- Class: 150#
 Size: 15mm to 200mm- Class: 300#

PNEUMATIC THREE PIECE BALL VALVE

Actuator:- Single / Double Acting
Design Configuration:- Three Piece Design (3 Piece)
Design Standard:- BS-5351
End Connection:- Flanged End
Material Of Construction:- WCB / CF8 / CF8M
Production Range:- Size: 15mm to 300mm- Class: 150#





WAFER CHECK VALVE

Design Configuration:- Wafer Type

Material of Construction:-

Body:- Cast Iron / WCB / SS304 / SS316

Disc:- S.G.I / WCB / SS304 / SS316

Seat:- Moulded Nitrile / EPDM / PTFE

Design Standard:- Confirming to API 6D

Production Range:- 40mm to 600mm

KNIFE GATE VALVE

Design Configuration:- Uni-directional / Bi- directional Port

Material Of Construction:-

Body:- Solid One Piece Casting of Cast Iron / WCB SS304/ SS316

Seat:- Integral to Body. (Metal to Metal and Soft Seated)

Gate:- SS410 / SS304 / SS316 / SS304L / SS316L

End Connection:- Wafer type Lugged

Operation:- Manual Hand Wheel / Gear / Pneumatic Cylinder (Double / Single Acting)

Production Range:- Size: 50mm to 600mm



THERMODYNAMIC STEAM TRAP

Body Material:- ASTM A 351 Gr CF8 / CA15

End Connection:- Screwed End / Socket Weld

Max Inlet Pressure:- 32 Kg/Cm² at 425Deg C

Minimum Pressure:- 0.25 Kg/Cm²

Max Back Pressure:- Should not exceed 80% of the inlet pressure

Hyd Test Pressure:- 911 PSIG (64Kg/Cm²)

Production Range:- Size: 15mm to 25mm



NEEDLE VALVE

Design Type:- Round / Square Body

End Connection:- Screwed End

Body:- SS202 / SS304 / SS316 / SS316L

Trims:- SS202 / SS304 / SS316 / SS316L

Hand Wheel:- PP Wheel / SS Handle

Packing:- PTFE

Pressure:- 1000 PSI / 3000 PSI / 6000 PSI

Production Range:- Size: 15mm to 50mm



Y TYPE STRAINER

Design Standard:- As Per Manufacturer Standard

End Connection:- Screwed End / Flanged End

Pressure Ratings:- ASA 150# / 300#

Body Material:- Cast Iron / WCB / CF8 / CF8M

Screen Material:- SS304 / SS316

Testing / Inspection:- As Per Manufacturer Standard

Production Range:- Size: 15mm to 100mm (Screwed)

Size: 25mm to 600mm (Flanged)



M.S FABRICATED BASKET TYPE STRAINER

Design Standard:- As Per Manufacturer Standard

End Connection:- Flanged End

Pressure Ratings:- ASA 150# / 300#

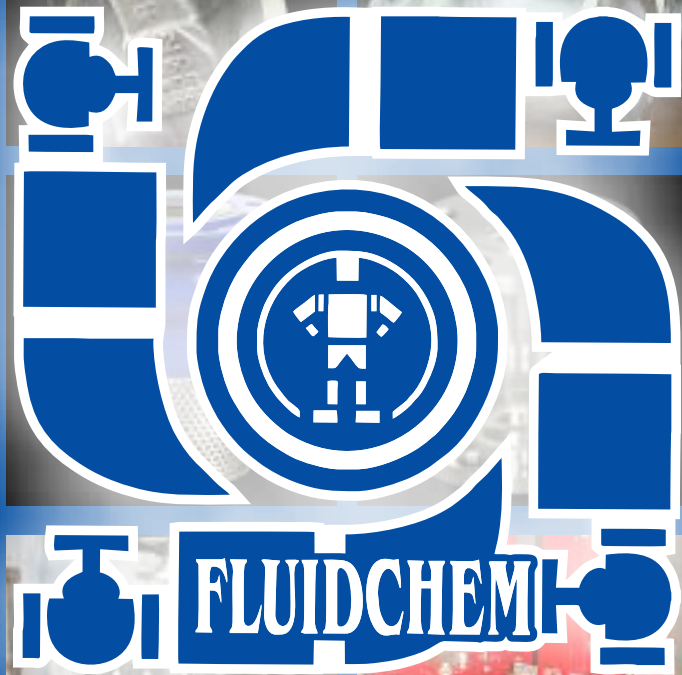
Body Material:- WCB / CF8 / CF8M

Screen Material:- SS304 / SS316

Testing / Inspection:- As Per Manufacturer Standard

Production Range:- Size: 25mm to 600mm





FLUIDCHEM
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