

URGENT SOLUTIONS & CO.

A SINGLE POINT SOLUTION



Dealer & Stockist of

- Industrial Valves
- Strainers & filters
- Sight Glass
- Metallic Pipe Fittings



Introduction

URGENT SOLUTIONS & CO. is a well known stockiest, Dealer & supplier of a comprehensive range of industrial products. Our Unit is managed by a team of qualified & experienced personnel with more than 10yrs of experience in the field.

Our products are well known for their excellent strength, brilliant quality and extended life span. Our wide range of products is procured from reputed manufacturing companies. We serve almost all types of industries like Chemicals, Fertilizers, Pharmaceuticals, Thermal Power Stations, Textiles, Steel Plant, Sewage, Effluent & Water Treatment plants etc.

We are committed to timely delivery, client's satisfaction, quality of products. All these add up our adherence to establish ourselves as a key player among our competitors in the market. Our eminent existence of more than so Many years is consistently devoted to fulfill the needs of our clients for their new projects, expansions, maintenance, shut downs and other urgent requirements.

Some of our specialities that make us a profitable business partner for our clients are:

- Superior quality products
- Timely delivery
- Proven execution of small as well as large batch orders
- A design solution to design problem
- Customer focused approach

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1.1 JACKETED BALL VALVE

Standard

Design Standard	: BS 5159 / ISO 7121 / BS 5351 / ISO 17292 / API 6D / ISO 14313 / ASME B 16.34 / BS EN 12516
Face To Face	: As Per ANSI B 16.10 / Mfg. Std. / Special on request
End Connection	: Flanged End To ANSI B 16.5 / BS 10 Table D-E-F-H / JIS / PN / DIN / IS Standard
Size Range	: 1/2" x 1" To 6" x 10" (DN15 x DN25 To DN100 x DN250)
Pressure Rating	: 150# / 300#
Operation	: Hand Lever / Gear / Pneumatic / Electrical Actuator
MOC	: CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc



1.2 FLUSH BOTTOM VALVE

Standard

Design Standard	: Ball Valve = BS 5351 / ISO 17292 / API 6D / ASME B 16.34 / BE EN ISO 12516 Y Type Valve = ASME B 16.34 / ASME Sec. VIII, Div.-1 / Mfg. Standard
Face To Face	: As Per ANSI B 16.10 / Mfg. Std.
End Connection	: Flanged End To ANSI B 16.5 / BS 10 Table D-E-F-H JIS / PN / DIN / IS Standard
Size Range	: Ball Valve = 2" x 1" To 8" x 6" (DN50 x DN25 To DN200 x DN150) Y Type Valve = 1-1/2" To 8" (DN40 To DN200)
Pressure Rating	: 150# / 300# / PN10 To PN 40
Operation	: Hand Lever / Wheel / Gear / Pneumatic / Electrical Actuator



1.3 LINED VALVE

Standard

Design STD.	API 599/ISO 17292 / Mfg. Std.
Face To Face	ASME B 16.10
Flange End	ASME B 16.5
Testing STD	API 598
Linning Material	PFA, FEP
Material	CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc.



1.4 GLOBE VALVE

Standard

Design Standard	: BS 1873 / DIN Std.
Face To Face	: As Per ANSI B 16.10
End Connection	: Flanged End To ANSI B 16.5/BS 10 Table, Screwed End To ANSI B 1.20.1 (BSP/NPT), Socket Weld End To ANSI B 16.11
Size Range	: 15 mm to 600 mm
Pressure Rating	: 150# / 300# / 600# / 800# / PN 16 / PN 25 / PN 40
MOC	CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc



1.5 GATE VALVE

Standard

Design Standard	: API 600 / ISO 10434 / API 6D / ISO 14313 / API 603
Face To Face	: As Per ANSI B 16.10
End Connection	: Flanged End To ANSI B 16.5/BS 10 Table JIS / PN / DIN / IS Standard, Screwed End To ANSI B 1.20.1 (BSP/NPT), Socket Weld End To ANSI B 16.11,
Size Range	: 1/2" To 24" (DN15 To DN600)
Pressure Rating	: 150# / 300# / 600# / 800#
MOC	CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc



2.1 CHECK VALVE (NRV)

Swing Type / Lift Type / Wafer Type / Disc Type

Standard	
Design Standard	: Swing Check Valve - BS 1868, Lift Check Valve - BS 1868 / BS 5352 / DIN Std. Wafer Type Check Valve - API 6D, Disc Type Check Valve - DIN EN 558-2
Inspection & Testing Standard	: BS EN 12266 - I (BS 6755-I) / API 598 / ISO 5208
Face To Face	: As Per ANSI B 16.10 / API 6D
End Connection	: Flanged End To ANSI B 16.5/BS 10 Table JIS / PN / DIN / IS Standard Screwed End To ANSI B 1.20.1 (BSP/NPT), Socket Weld End To ANSI B 16.11
Size Range	: 1/2" To 24" (DN15 To DN600)
Pressure Rating	: 150# / 300# / 800# / PN 16 / PN 25 / PN 40
MOC	: CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc



2.2 BALL VALVE

Standard	
Design Standard	: BS 5159 / ISO 7121 / BS 5351 / ISO 17292 / API 6D / API 608 / ISO 14313 / ASME B 16.34 / BS EN 12516
Inspection & Testing Standard	: API 598 / API 6D / BS EN 12266 - I / ISO 5208
Fire Testing	: API 607 / ISO 10497 / BS EN 12266 - II
Face To Face	: As Per ANSI B 16.10
End Connection	: Flanged End To ANSI B 16.5 / BS 10 Table D-E-F-H / JIS / PN / DIN / IS Standard Screwed End To ANSI B 1.20.1 (BSP/NPT) Socket Weld End To ANSI B 16.11 Buttweld End To ANSI B 16.25
Size Range	: 1/4" To 12" (DN6 To DN300)
Pressure Rating	: 150# / 300# / 600# / 800#
MOC	: C.I, CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc



2.3 SIGHT / VIEW GLASS

(Double Window / Tube Type)

Standard	
Design Standard	: ASME B 16.34 / ASME Sec. VIII, Div.-1 / Mfg. Standard
Inspection & Testing Standard	: BS EN 12266 - I (BS 6755-I) / API 598 / ISO 5208
Face To Face	: DIN EN 558 - 1 / Mfg. Std.
End Connection	: Flanged End To ANSI B 16.5 / BS 10 Table D-E-F-H
Size Range	: 1/2" To 12" (DN15 To DN300) J15/PN/ DIN/15 Standard
Pressure Rating	: PN 6 / PN 10 / PN 16 / 150#
MOC	: C.I, CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc



2.4 FORGED STEEL VALVE

Gate / Globe / Check / Ball Valve

Standard	
Design Standard	: Gate Valve - API 602 / ASME B 16.34 / ISO 15761 Globe Valve - BS 5352 / ASME B 16.34 / ISO 15761 Check Valve - BS 5352 / ASME B 16.34 / ISO 15761 Ball Valve - ISO 17292 / BS 5351 / BS 5159
Inspection & Testing Standard	: BS EN 12266 - I (BS 6755-I) / API 598 / ISO 5208
Face To Face	: As Per ANSI B 16.10 / BS 5352
End Connection	: Screwed End To ANSI B 1.20.1 (BSP/NPT) Socket Weld End To ANSI B 16.11 Buttweld End To ANSI B 16.25
Size Range	: 1/4" To 2" (DN6 To DN50)
Pressure Rating	: 800# / 1500#
MOC	: A105, F304, F316, F11, F22, F51, F91, LF2 etc.



2.5 PTFE SLEEVED PLUG VALVE

FEATURES

Design STD	API 599
Face to Face STD	ASME B 16.10
Flange End	ASME B 16.5
Testing STD	API 598
Material	CF8, CF8M, WCB, Hast Alloy, Super Duplex, Alloy 20 etc.



3.1 STRAINER (Y - Type / Basket Type)

Standard

Design Standard	: ASME B 16.34 / Mfg. Standard
Inspection & Testing Standard	: BS EN 12266 - I (BS 6755-I) / API 598 / ISO 5208
Face To Face	: DIN EN 558-1
End Connection	: Flanged End To ANSI B 16.5 / BS 10 Table D-E-F-H JIS / PN / DIN / IS Standard Screwed End To ANSI B 1.20.1 (BSP/NPT) Socket Weld End To ANSI B 16.11
Size Range	: 1/2" To 12" (DN15 To DN300)
Pressure Rating	: 150# / 300# / 600#
MOC	: C.I, W.C.B, CF8, CF8M, MS/SS Fabricated etc..



3.2 BUTTERFLY VALVE

Slim-Seal, Centre Disc / Off-Set Disc Design

Standard

Design Standard	: BS 5155 / API 609
Inspection & Testing Standard	: BS EN 12266 - I (BS 6755-I) / API 598 / ISO 5208
Face To Face	: BS 5155 / API 609
End Connection	: Wafer, Flangeless, Sandwich Type Full Lug Type, Through or Tapped Hole Double Flanged End to ANSI B 16.5/BS 10/JIS/PN/DIN/JIS/IS Std.
Size Range	: 1-1/2" To 48" (DN40 To DN1200)
Pressure Rating	: PN10 / PN16 / 150#
Operation	: Hand Lever / Gear / Pneumatic / Electrical Actuator Operated



3.3 KNIFE - EDGE GATE VALVE

Design Standard :

In Conformance with ASME B16.5, Class 150 for Size DN50 through 600 and as per ASME B16.47 Series for A for Sizes > DN600

TOLERANCES: - Face to Face - NPS 10 (DN250) & Smaller = $\pm 1.6\text{mm}$
& for NPS 12 (DN 300) and Larger = $\pm 3.2\text{mm}$

Flange outside Diameter - ($\pm 1.6\text{mm}$)

Bolt Circle Diameter - ($\pm 1.6\text{mm}$)

Center to Center of Adjacent Bolt Holes - ($\pm 0.8\text{mm}$)



3.4 STEAM TRAP

Technical data:

Type	: Thermodynamic, Horizontal bucket type.
Screwed Ends	: ANSI B 1.20.1
Socket Weld Ends	: ANSI B 16.11
Size	: 15 mm to 50 mm
Working	: 150 PSIG MAX. A 200 °C
End Connections	: Screwed / Socket Weld/Flanged End.



3.5 DIAPHRAGM VALVE

Standard

Design Standard	: BS EN 13397 (BS 5156)
Inspection & Testing Standard	: BS EN 12266 - I (BS 6755-I) / API 598 / ISO 5208
Face To Face	: BS EN 13397 (BS 5156)
End Connection	: Flanged End To ANSI B 16.5 / BS 10 Table D-E-F-H JIS / PN / DIN / IS Standard
Size Range	: 1/2" To 8" (DN15 To DN200)
Pressure Rating	: PN10 / 150#
Operation	: Hand Wheel / Pneumatic Actuator Operated



4.1 PIPES & TUBES

TYPE: Round, Square, Rectangular.

FORM : SEAMLESS / ERW / WELDED IN ROUND & SQUARE.

Stainless Steel: ASTM / ASME SA 312 GR. TP 304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316Ti, 316H, 316 LN, 317, 317L, 321, 321H, 347, 347 H, 904L . ASTM / ASME SA 358 CL 1 & CL 3 GR . 304, 304L etc.



4.2 Stainless Steel Braided Hose Pipes

Hose Standard : BS 6501

Construction : Flexible tubing, single thickwall corrugation, without packing, annular corrugation hydraulically formed.

Profile: Close pitch corrugation

Size Range: 6 mm upto 350 mm

Pressure Range : Upto 150 kg/cm³ or higher against specific requirement.



4.3 FLANGES

FORM : SLIP ON, SOCKET WELD, BLIND, LAPPED, SCREWED, WELD NECK, REDUCING, SPECTACLE, SLIP ON BOSS, PLATE, PLATE BLANK, SCREWED BOSS.

Stainless Steel : ASTM / ASME SA 182 F 304, 304L, 304H, 309H, 310H, 316, 316H, 316L, 316 LN, 317, 317L, 321, 321H, 347H.



4.4 BUTT- WELD FITTINGS

TYPE: SEAMLESS & WELDED LONG RADIUS & SHORT RADIUS ELBOW 90 DEG, LONG RADIUS ELBOW 45 DEG, Return Bend ,Reducing Elbow, Equal Tee, Un Equal Tee, Concentric Reducer, Eccentric Reducer, Long Stubend, Short Stubend ,Pipe Cap etc.

Stainless Steel : ASTM / ASME SA 403 GR WP "S" / "W" / " WX" 304, 304L, 304H, 304N, 304LN, 309, 310H, 316, 316H, 317, 317L, 321, 321H, 347, 347 H etc.

Carbon Steel : ASTM / ASME A 234 WPB, WPC ASTM / ASME A 860 WPHY 42, WPHY 46, WPHY 52, WPH 60, WPHY 65 & WPHY 70.



4.5 SCREWED & FORGED FITTINGS

FORM : SOCKET WELD FITTINGS : ELBOW 90 DEG, CROSS, TEE, ELBOW 45 DEG, COUPLING, HALF COUPLING & END CAP

STAINLESS STEEL: ASTM / ASME SA 182 F 304, 304L, 304H, 309H, 310H, 316, 316H, 316L, 316 LN, 317, 317L, 321, 321H, 347, 347 H

CARBON STEEL:

ASTM / ASME A105., ASTM / ASME A 350 LF 2 .

RANGE: 10mm to 50mm



5.1 SHEETS/PLATES/FLATS/ANGLES

Stainless Steel

ASTM / ASME SA 240 304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316H, 316L, 316 TI, 317, 317L, 321, 321H, 347, 347 H, 409, 410, 410S, 430

Range: 0.1 mm to 100 mm thick

Carbon Steel : ASTM / ASME A 516 / 517 GR. 60 / 70, IS 2062, IS 2002



5.2 RODS / ROUND BAR / HEX BAR

Stainless Steel: ASTM / ASME SA 276 TP 304, 304L, 309S, 309H, 310S, 316, 316L, 316 TI, 317, 321, 347, 410, 420, 430, 431, 440A, B & C., 446

Hastelloy: Hastelloy C-22, Hastelloy C-276, Hastelloy C-2000

Carbon Steel : ASTM / ASME A 105

RANGE: 3.17 MM TO 350 MM DIA



5.3 FASTENERS

Types : Hex Head Bolt, Socket Cap Screw, Carriage Bolt, Anchor Bolt, Eye Bolt, Flange Bolt, Elevator Bolt, Lag Bolt, Draw Bolt, Hex Nuts, Heavy Hex Nut, Cap Nut, Acorn Nut, Serrated Flange Nut, Coupling Nut, Square Nut, Castle Nut, Wing Nut, Flange Lock Nut.

Sizes / Length: Dia. M5X10 to M20X220 mm

MOC: SS202, 304, 304L, 316, 316L, CS, GI etc.

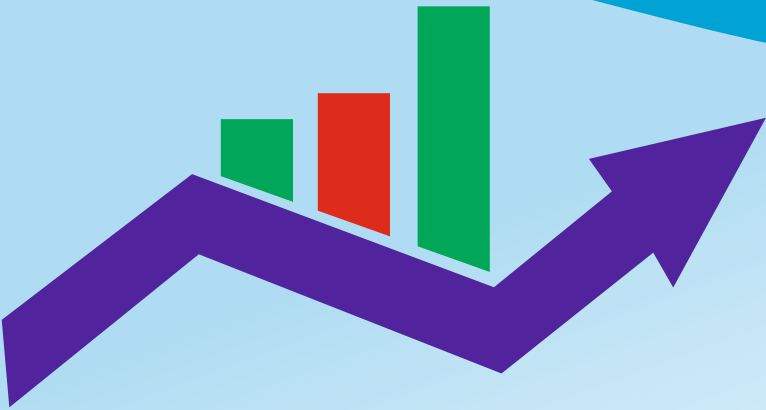


5.4 GASKETS

Our wide range of gasket includes:

- Non Metallic gasket
- Non Asbestos
- PTFE Gaskets Solid and Envelope
- Expanded PTFE and Joint Sealant
- Spiral Wound Metallic Gasket
- Ring Joint Gaskets
- Rubber Gaskets Moulded / Extruded
- 'O' Rings
- Graphite Moulded / Tanged
- Metal Jacketed





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