



## SS BOLT & STUD

An Bolts, Hex Bolts, Fastener and Bolts, Hex Cap Screws, Spring Center bolts, Hex Socket Cap Screws, Carriage bolts, solid rivets, square head set screws, truss head track bolts, U Bolts, Fin Neck Bolts, shoulder bolts, coil thread bolts, Structure Liner Bolts, Benjo Bolts, Hub Boltsfetter drive screws, wheel bolts, t-head bolts, Flange Bolts, eye bolts, shackle bolts, track bolts, wheel bolts, hex cap screws,

## PINCH VALVE

Seat-less & glandless valves  
Field replaceable elastomer sleeve / muff  
Rubber sleeve / muff has four reinforced lugs  
Flanged ends & drilled to DN, ANSI, BS-10, IS, etc

**APPLICATION:** Pinch valve finds its best application in handling corrosive slurry, abrasive media, liquid with solid suspensions and many others, which are difficult to handle with seat valve. Pinch valves are also best suited for Vacuum service.

**RANGE:** The flange of the pinch valve can be supplied in accordance to BS, DIN, ASA & IS dimensions. The range for the valve is from 15 mm TO 300 mm.

## PTFE LINED SIGHT GLASSES

Our tubular Sight Glasses are constructed using a robust tie rod cage and heavy wall borosilicate glass. Their design offers a 360° viewing area and they are available with both carbon and stainless steel flanges either unlined or PFA lined for corrosive duties.

### Bulls Eye Sight Glasses

bulls eye Sight Glass has a PFA lined ductile iron flanged body with a pair of borosilicate glass windows. Use in process up to 19 bar g. They are available in the common 2 flange inline design and also 3 and 4 way tee and cross types. PFA lined ball valves, strainers and check valves quality and product life is assured.

## PNEUMATIC BUTTERFLY / BALL / GLOBE CONTROL VALVE

Description	: On/Off type & regulating type with center disc / eccentric disc
Size	: 25 mm to 1200 mm
Pressure Rating	: 125, 150, 300 lbs
Design Code	: As per AWWA, API, BS stds
End Connection	: Wafer type, Flanged type as per PN 10 to Din 2642
Body Material	: WCB to WC9, CF8 (SS304), CF8M (SS316), CAST IRON, DUCTILE IRON.
Disc & Stem Material	: 13% Cr steel, ASTM A 351 Gr. CF8/CF8M etc
Seat & Seal	: Natural & Synthetic Rubbers i.e. replaceable Nitrile, EPDM, Silicon, Viton & Teflon, Grafoil.
Actuator	: Pneumatic spring return Diaphragm, Pneumatic piston cylinder double/ single acting, Pneumatic (Rotary type) with Rack & Pinion arrangement in single or double acting
Positioner	: Pneumatic & Electro-pneumatic (With in built I/P) types
Leakage	: Class IV, BS 6755 part 1
Accessories	: On/Off indicator, Solenoid valve (Flame proof), Gear type over-ride, limit switch, Filter + Regulator + Gauge
Special	: PFA/PTFE Lined valve for highly corrosive fluids.

## ORIFICE PLATES & ASSEMBLIES

Our Orifice Plates & Assemblies are used as primary elements for various flow measurement applications in pipelines. We can supply them with or without Flanges.

**Material :** SS316 / SS304 / CS (Flanges)

**Size :** 1/2" to 24" NB

## STRAINER

Type	: Y-type, T-type, Basket type
Size Range	: 15 mm to 400 mm
Design & Mfg Standard	: As per BS 1873
End Connection	: Flanged & Butt welded as per ANSI B 16.5/ ANSI B 16.25 respectively
Body & Cover Material	: WCB to WC9, CF8 (SS304), CF8M (SS316), Cast Iron, Ductile Iron.
Screen (Mesh)	: SS 304 & SS 316 etc.

## COMPANY PROFILE

With base in Gujarat, we are known as a celebrated Manufacturer, Exporter, Supplier and Trader which is involved in the business of offering a wide array of products such as Valves, Orifice Assembly, Boiler Mounting & IBR Valve, Refrigeration Spares, PTFE Lined Piping, SS Pipes & Tube, Chemical Industries Pump products. Highly used in Chemical, Associated processing, Pharmaceuticals and the allied industries, our products have gathered all round appreciations for their superior quality of performance. The Valves we offer are famous for being precision engineered, rustproof, anti-abrasion and durable. Apart from this, some other aspects like extensive domain knowledge, client centric approaches and easy payment modes help us retain our prime position in the industry.

### Business Type

Exporter , Manufacturer , Trader , Supplier

### Primary Competitive Advantages

Wide distribution network  
In house designing and quality team  
Sound financial position  
Quality assured products

### Year of Establishment 2006

OEM Service Provided Yes

Production Type Automatic

### Export Market



Asia / America / Middle East / African Countries / Europe / Australia

## PRODUCT RANGE

SS Pipes Flanges Fasteners IBR Approved Products Piston Valves SS Ball Valves Butterfly Valve Gate Valve Flanged Ball Valve Air Relief Valve Rotary Valve	Pinch Valve Globe & Angle Valves Check Valve Diaphragm Valve Jacket Valve Cryogenic Valve PTFE Lined Valves PTFE Pipe Fittings Pneumatics Fitting Chemical Filter Diaphragm Pump	Instrument Hardware Pneumatic Couplings Moisture Trap Pneumatic Fittings Flanges PTFE Lined Piping Sight Glasses Bulls Eye Sight Glasses Tubular Sight Glasses Refrigeration Valve & Spares
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## ABOUT US

Since 2006, Hind Electrical Co. is active as a key valve supplier among the heavy chemical industries, satisfying the needs of a market known for its arduous requirements for product performance and reliability, quality assurance, traceability, certification and documentation. Hind Electrical Co. has successfully taken this experience and these capabilities into many other areas, including the global oil & gas and chemical markets. Hind Electrical Co. has now established themselves firmly as a global leader in the design and manufacture of quality of Valves, Ball Valves, SS Ball Valves, Stainless Steel Ball Valves, Orifice Assembly, Boiler Mounting & IBR Valve, Refrigeration Spares, PTFE Lined Piping, SS Pipes & Tube, Chemical Industries Pump products. Widely used by clients in Associated processing, Pharmaceuticals, Chemicals and the related industries, our products are multipurpose applications in demanding environments such as sea water and other severe fluids.

Hind Electrical Co. offers the most diverse range of valves by type, material, and size, of any single valve manufacturer in the world, providing gate, globe, ball, check, butterfly and hydrant valves, in sizes from 1/4" to 46" and in materials from bronze to zirconium.

"Our aim is to be your preferred partner for the supply of non-ferrous, composite and high alloy valves"



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# HEC HIND ELECTRICAL CO. (Mechanical Division)



VALVE



AMMONIA VALVE



CRYOGENIC VALVE



SS PIPES & TUBES



PTFE LINED PIPES



SS FLANGES



HT BOLT & STUD



PNEUMATIC FITTINGS



DIAPHRAGM PUMP

## BUTTERFLY VALVE

Type	: Center Disc & Eccentric Disc
Size Range	: 50 mm to 1600 mm
Pressure Rating	: 125, 150, 300 lbs
Design & Mfg. standard	: AWWA C 504, API 609, BS 5152
End connection	: Wafer end, Wafer lug end & Flanged as per ANSI B 16.5
Face to face	: ANSI B 16.10 (F.F./R.F.)
Body Material	: WCB, CF8 (SS304), CF8M (SS316), Cast Iron, Ductile Iron
Shaft & Disc	: 13% Cr steel, AISI 304/316, 304 L/316 L etc.
O-ring & Seat Material	: Nitrile, EPDM, Viton, Teflon, PTFE
Optional	: Manual operation with & without Gear box, Motorized/ pneumatically operation.

## GATE VALVE

Type	: Bolted bonnet, O. S. & Y type, Rising/non-rising stem
Size Range	: 50 mm to 1050 mm
Pressure Rating	: 125, 150, 300, 600, 900, 1500, 2500 lbs
Design & Mfg. standard	: API 600/ 6D, BS 1414, BS 5150/IS 780/IS 2906
Inspection & Testing standard	: API 598
End connection	: Flanged & Butt welded as per ANSI B 16.5/ ANSI B 16.25
Face to face	: ANSI B 16.10 (F.F./R.F.)
Body Material	: WCB to WC9, CF8 (SS304), CF8M (SS316), Cast Iron, Ductile Iron, Monel, Hastalloy B & C
Trim Material	: 13 % Cr steel, AISI 304/316, 304 L/316L, Monel etc.
Leakage	: Zero Leakage
Special	: Pressure seal bonnet, IBR, PFA/ PTFE lined valve for highly corrosive fluids.
Optional	: Manual Gear box or motorized/pneumatically operation

## GLOBE VALVE / GLOBE ANGLE VALVE

Type	: Bolted bonnet, O. S. & Y type, Angle type
Size Range	: 50 mm to 600 mm
Pressure Rating	: 125, 150, 300, 600, 900, 1500, 2500 lbs
Design & Mfg. standard	: BS 1873, BS 5152 / IS 9338
Inspection & Testing standard	: API 598/ BS 6755 Part - 1
End connection	: Flanged & Butt welded as per ANSI B 16.5/ ANSI B 16.25
Face to face	: ANSI B 16.10 (F.F./R.F.)
Body Material	: WCB to WC9, CF8 (SS304), CF8M (SS316), Cast Iron, Ductile Iron, Monel, Hastalloy B & C
Trim Material	: 13 % Cr steel, AISI 304/316, 304 L/316L, Monel etc.
Leakage	: Zero Leakage
Special	: Pressure seal bonnet, IBR, PFA/ PTFE lined valve for highly corrosive fluids.
Optional	: Manual Gear box or motorized/pneumatically operation

## BALL VALVE

Type	: Single piece, Two piece & Three piece with full or reduced bore
Construction	: Blow out proof stem, Floating ball, Fire safe design
Size Range	: 8 mm to 600 mm
Pressure Rating	: 150, 300, 600, 800 lbs
Design & Mfg. standard	: BS 5351
Inspection & Testing standard	: BS 6755 Part - 2
End connection	: Screwed end, Flanged & Butt weld end
Face to face	: ANSI B 16.10 (F.F./R.F.)
Body Material	: WCB to WC9, CF8 (SS304), CF8M (SS316), Cast Iron, Ductile Iron, Monel, Hastalloy B & C
Ball, Spindle & Gland Bush	: 13% Cr steel, AISI 304/316, 304 L/316L, Monel etc.
Seat, Gasket, Gland Packing	: PTFE
Optional	: Trunion mounted ball, Lever operated with & without gear box, Motorized operation
Special	: IBR, PFA/PTFE Lined valve for highly corrosive fluids.

## ROTARY VALVE

### Air Lock Rotary Valve

Enriched with a vast industrial experience, we are engaged in manufacturing, supplying, exporting and trading a wide range of Rotary Air Locks, which includes Square Rotary Lock and Air Lock Rotary Valves. These locks are wide used in various process plants, water treatments plants, material handling equipment, mines and many other industries. We offer our range in varied specifications as per the client's individual requirements.



## CHECK VALVE

Type	: Swing check valve, Wafer check valve
Pattern	: Straight way Y-Pattern, Angle Y-Pattern
Size Range	: 50 mm to 750 mm
Pressure Rating	: 150, 300, 600, 900, 1500, 2500 lbs
Design & Mfg. standard	: BS 1868, API 6D
Inspection & Testing standard	: API 598/BS 6755 Part-1
End connection	: Flanged & Butt welded as per ANSI B 16.5/ANSI B 16.25
Face to face	: ANSI B 16.10 (F.F. / R. F.)
Body Material	: WCB to WC9, CF8 (SS304), CF8M (SS316), Cast Iron, Ductile Iron, Monel, Hastalloy B & C
Trim Material	: 13% Cr Steel, AISI 304/316, 304 L/316L, Monel etc
Seat	: EPDM / Viton / Nitrile / Neoprene / PTFE
Leakage	: Zero Leakage
Special	: IBR, PFA/PTFE lined valve for highly corrosive fluids

## KNIFE GATE VALVE / PULP VALVE

Type	: Single/two body with Uni & Bi-directional configuration
Size	: 50 mm to 1200 mm
Pressure Rating	: 150 lbs
Design Code	: TAPPI std, Port I
End connection	: Wafer type, Lug type & Flanged Ends as per ANSI B 16.5
Face to face dimension	: MSS SP 81
Body Material	: WCB to WC9, CF8 (SS304), CF8M (SS316), Cast Iron, Ductile Iron, Monel, Hastalloy B & C
Stem, Seat & Gate	: 13% Cr Steel, ASTM A 351 Gr. CF8/CF8M etc.
Nut & Bolt	: SS 304
Packing	: Braided Yarn, PTFE
Leakage Class	: MSS SP 81
Hand Wheel	: Ductile Iron

## PTFE LINED VALVE

ASME 300 valve and swing check valve. The whole range of valves are suitable for operation from -60 °C up to 200° C. With pressure up to 19 barg for ASME 150 flanged valves. Integrity valve like blow-out proof stems, floating ball design, cavity filled seats, 2 piece body design, replaceable seats / balls etc. The whole range has PFA fluoropolymer liners for use in highly corrosive process and the most demanding applications.

## SS FLANGES & IBR FLANGES

Nominal Size	: 1/2" to 24"
OD	: 21.3 to 609.6
IBR Flanges Size	: 1/2"NB TO 60"NB
Class	: 150 LBS, 300 LBS, 600 LBS, 900 LBS, 1500 LBS, 2500 LBS, DIN Standard ND-6,10, 16, 25, 40 Etc.
	: IBR Socket Weld (SWRF), IBR Slip On (SORF), IBR Blind (BLRF) IBR Lap Joint, IBR Screwed (Threaded), IBR Long Weld Neck IBR Reducing, IBR Ring Joint, IBR Orifice, IBR Girth Flange

## DIAPHRAGM VALVES

Straight Through Type diaphragm valves are available as BS156 short and DIN3202-F1 long face to face in a wide range of body and lining materials to meet the customers requirements.

## CRYOGENIC VALVES

Bronze Globe Valve DN6-DN50 , DN65-DN100, DN150 –DN200

### Bolted Bonnet - Extended Stem and Non Extended Stem

DN6 - DN50 (1/4" - 2") Maximum Working Pressure : 50 Bar (725 psi) at -196°C to +65°C (extended spindle) 50 Bar (725 psi) at -20°C to +65°C (non-extended spindle) Body strength test 1.5xMWP = 75 Bar (1090 psi)

## SS WELDED PIPES & TUBES & IBR PIPES

OD	: 1/4" NB to 24" NB (13.70 to 609.6 mm)
Wall Thickness	: Sch 5s, 10s, 20s, 40s
Length	: 4.5 to 6.1 Mtrs
Specification	: ASTM A 312, A778
IBR Pipe Size	: 1/2"NB TO 24"NB
Schedule	: SCH20, SCH30, SCH40, STD, SCH60, SCH80, SCH120, SCH140, SCH160, XXS

## PTFE LINED PIPES / ELBOWS

**Hind Electrical Co.** offers a wide variety of PTFE / PFA lined elbows. All PTFE lined elbows are lined with paste extruded PTFE liners flared each end over the flange faces similar to our pipe spools. We have standardised on PFA mouldings for our 90 degree cast elbows which are very resilient to permeation and offer flat faced flange faces. Our standard elbows are manufactured to as ASMEB16.5 CLASS150. Also we can offer elbows to DIN dimensions or ASME CLASS 300. All our elbows can be supplied with a stainless steel body for use on clean rooms etc.

## REFRIGERATION AMMONIA VALVE & SPARES

Designed to meet customer's expectations, we are one of the leading names to offer Ammonia valves. Our range of globe valves/ angle valves are available in flanged and screwed types and in sizes from 1/4" to 12". Globe Valves permit the flow in the same. Check Valves, Strainer Valves, Needle Valves, Tee Valves, Gauge Valves, Float Valves, Safety Valves, Cast Steel weld in Line Valves, in Line Check Valves, Reflex Glass Liquid Level Gauge, Flow Indicators.

## PNEUMATIC FITTINGS, PNEUMATIC ACCESSORIES

Pneumatic Fittings, Push in Fittings (PT, R, BSPT, NPT)  
One Touch Tube Fittings with O-ring (BSPP, G)  
Nickel Plated Brass Push in Fittings (PT, R, BSPT, NPT)  
Nickel Plated Brass Push in Fittings with O-ring (BSPP, G)  
Compact (Miniature) One Touch Fittings  
Tubing  
Silencers, Mufflers

## NEEDLE VALVE

Needle Valve are Designed for use in corrosive & hazardous environment. These valves are used in process Control Instrument.

**Material** : SS316 / SS304 / CS / Brass

Size : 1/8" to 2"

End Connection : BSP / BSPT / NPT / UNF / NF / NPSM / SW

Working Pressure : 15,000 psi.

Design : 2-Way / 3-Way / Block & Bleed Type.

## MANIFOLD VALVES

Manifold valves offer a safe and economical method of installation to control, measure, isolate, equalize, calibrate, drain, vent or differential the pressure of liquids and gases.

**Material** : SS316 / SS304 / CS

No. of Valves : 2 / 3 / 5

End Connection : NPT/BSP/BSPT

Working Pressure : Upto 6000 psi

Configuration Mounting : Block Type, 'T' Type 'H' Type

## AIR OPERATED DIAPHRAGM PUMP

Owing to the hard work and true dedication of our diligent team, we are able to manufacture, supply and export Diaphragm Pump. All our pumps are widely appreciated by the customers for their corrosion resistant, high tensile strength and longer functional life. We manufacture these pumps utilizing quality components that are obtained from the reliable vendors of the market.

## AIR RELIEF VALVE

For water (Not sewage) and neutral liquids. / Nominal Pressure: PN 16/25 & PN 25/40  
Working Temperature: -10°C to 120°C / Working pressure Min. 0.1 bar Max. 16 bar  
Hydraulic test performed under 1.5xPN pressure / corresponds to flanged single orifice  
corresponds to threaded single orifice

