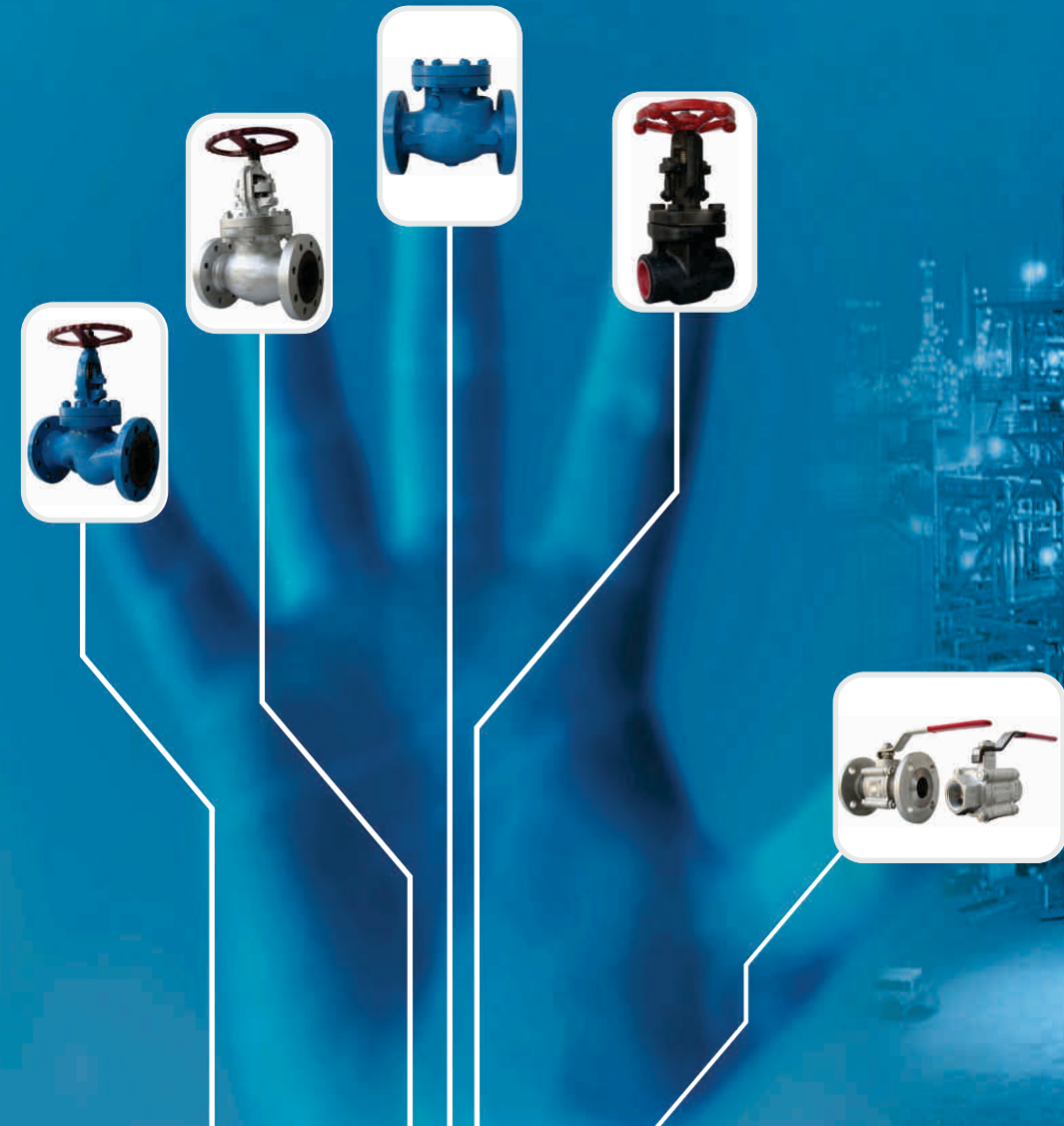




AN ISO 9001 : 2008 COMPANY  
**AB INDUSTRIES**  
 Manufacture Of Industries Valves



Manufacture Of Industries Valve



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- GLOBE VALVE
- GATE VALVE
- CHECK VALVE
- BALL VALVE
- BUTTERFLY VALVE
- FORGED STEEL VALVE
- KNIFE EDGE GATE VALVE
- PNEUMATIC CONTROL VALVE



AN ISO 9001 : 2008 COMPANY  
**AB INDUSTRIES**  
 Manufacture Of Industries Valves





## COMPANY PROFILE

AB Industries: An ISO 9001:2000 accredited specialized Valves Manufacturing Company, Manufacturing manual, automatic, pneumatic, electrical actuated, industrial valves. The company is having advanced engineering capabilities and innovation driven focus to continuously expand our offering of Quality Industrial Valves.

At this stage, The intensions of the company are to explore and discuss business opportunities with companies who have requirements and later stage consider the type of business co-operation.

The company manufacturing Full Range of Valves and welcomes you at the website containing full information of Valves with Ranges, Sizes, Material of Construction, Pressure Charts, Connection details, Standard details, Applications, Working fluid & Gases, etc.

AB

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## GATE VALVE

► BOLTED BONNET ► OS Y TYPE ► RISING SPINDLE / PRESSURE SEAL DESIGN



STANDARD	
DESIGN STANDARD	API 600 / API 602 / API 603
INSPECTION & TESTING STANDARD	API 598
FACE TO FACE	AS PER ANSI B 16.10
END CONNECTION	FLANGED END TO ANSI B 16.5/BS 10 TABLE BUTTWELD END TO ANSI B 16.25
SIZE RANGE	½" TO 36"
PRESSURE RATING	150# TO 1500#
OPERATION	HAND WHEEL / GEAR / PNEUMATIC CYLINDER / ELECTRIC ACTUATOR OPERATED

## GLOBE VALVE

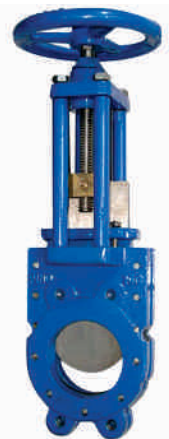
► BOLTED BONNET ► OS Y TYPE ► RISING SPINDLE / PRESSURE SEAL DESIGN



STANDARD	
DESIGN STANDARD	BS 1873/DIN
INSPECTION & TESTING STANDARD	BS 6755
FACE TO FACE	AS PER ANSI B 16.10
END CONNECTION	FLANGED END TO ANSI B 16.5/BS 10 TABLE BUTTWELD END TO ANSI B 16.25
SIZE RANGE	2" TO 14"
PRESSURE RATING	150# TO 1500#
OPERATION	HAND WHEEL / GEAR / PNEUMATIC / ELECTRIC ACTUATOR OPERATED

## KNIFE EDGE GATE VALVE

► UNI DIRECTIONAL / BI DIRECTIONAL TYPE ► RISING SPINDLE / NON RISING SPINDLE



STANDARD	
DESIGN STANDARD	MSS SP 81
INSPECTION & TESTING STANDARD	MSS SP 81
FACE TO FACE	MSS SP 81
END CONNECTION	WAFER TYPE, FLANGE LESS SUITABLE TO MOUNT BETWEEN ANSI B 16.5/BS 10/DIN/IS FLANGE
SIZE RANGE	3" TO 24"
PRESSURE RATING	150#
OPERATION	HAND WHEEL / GEAR / PNEUMATIC / ELECTRIC ACTUATOR OPERATED

## CHECK VALVE (NRV)

► SWING / LEFT / WAFER / DUAL PLATE / DISC CHECK / FLAP TYPE

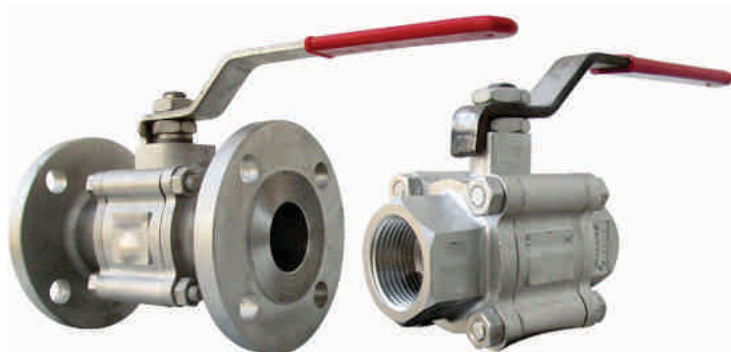


STANDARD	
DESIGN STANDARD	BS 1868/API 6D
INSPECTION & TESTING STANDARD	BS 6755/API 6D
FACE TO FACE	AS PER ANSI B 16.10
END CONNECTION	FLANGED END TO ANSI B 16.5/BS 10 TABLE BUTTWELD END TO ANSI B 16.25
SIZE RANGE	½" TO 24"
PRESSURE RATING	150# TO 1500#



## BALL VALVE

- ▶ SINGLE / TWO / THREE PIECE / FIRE SAFE DESIGN ▶ FULL BORE / REGULAR PORT
- ▶ FLOATING, TUNION MOUNTED



STANDARD	
DESIGN STANDARD	BS 5351
INSPECTION & TESTING STANDARD	BS 5146, BS 6755-II/API 6FA FOR FIRE SAFE DESIGN
FACE TO FACE	AS PER ANSI B 16.10
END CONNECTION	FLANGED END TO ANSI B 16.5/ BS 10 TABLE SOCKET WELD END TO ANSI B 16.11 BUTT WELD END TO ANSI B 16.25 SCREWED END TO ANSI B 1.20.1
SIZE RANGE	1/4" TO 12"
PRESSURE RATING	150# TO 800#
OPERATION	HAND LEVER / GEAR / PNEUMATIC / ELECTRIC ACTUATOR OPERATED

## MATERIAL OF CONSTRUCTION

AB INDUSTRIES are normally manufacture in the following metals, Standard trim material are shown against body materials, special trim materials are provided against specific requirements.

Body and Bonnet Material	Trim Material	
	Wedge/Seat/Disc	Stem
1. Cast Steel - ASTM A216 Gr. WCB	13% Cr. S.S.	AISI-410
2. Alloy Steel - ASTM A217 Gr. Wc1, 6 & 9	13% Cr. S.S.	AISI-410
3. Cast Iron - IS 210 Fig. 200, 225, & 250	13% Cr. S.S.	AISI-410
4. Stainless Steel 304 - ASTM A351 Gr. CF8	18-8 Cr-Ni	AISI-304
5. Stainless Steel 304L - ASTM A351 Gr. CF3	F-304L	AISI-304L
6. Stainless Steel 316 -ASTM A351 Gr. CF 8M	18-8-2 Cr-Ni-Mo	AISI-316
7. Stainless Steel 316L - ASTM A351 Gr. CF 3M	F-316L	AISI-316L
8. Alloy-20 - ASTM A351 Gr. CN-7M	CN-7M	CN-7M
9. CD4MCu / HV - 9	CD4MCu / HV9	CD4MCu.
10. Forged Carbon Steel - ASTM A - 105	13% Cr. S.S.	AISI-410
11. Forged S.S. - ASTM A-182 F304 & F304L	F304 / F304L	AISI-304/304L
12. Forged S.S - ASTM A-182 F316 & F316L	F316 / F316L	AISI-316/316L

## BUTTERFLY VALVES

- ▶ SLIM-SEAL CENTER DISC / OFF-SET DISC DESIGN



STANDARD	
DESIGN STANDARD	BS 5155/API 609
INSPECTION & TESTING STANDARD	BS 6755
FACE TO FACE	AS PER ANSI B 16.10
END CONNECTION	WAFFER TYPE, FLANGE LESS, SUITABLE TO MOUNT BETWEEN ANSI B 16.5/BS 10/DIN/IS FLANGE
SIZE RANGE	1 1/2" TO 40"
PRESSURE RATING	PN 10 / PN 16
OPERATION	HAND LEVER / GEAR / PNEUMATIC / ELECTRICAL ACTUATOR OPERATED

### ▶ GENESIS (BRAND)

AB INDUSTRIES is the registered Brand of industrial Valves being manufactured by us in India for more than three decades with an aim to serve the special kind of requirement professionally organized way.

### ▶ THE ORGANIZATION

"AB INDUSTRIES" A named that is embarked in the market or its expertise to provide end to end solution for steam/liquid/gaseous Application. Catering entire range of valves developed and manufactured by a young and dedicated team of engineers backing by rich experience of top management to lead the industry. With an ISO CERTIFY Quality products, committed delivery, prompt services and trouble free performance of valves, AB INDUSTRIES. Has achieved the remarkable growth in few years.

### ▶ QUALITY CONTROL

Each Valve is designed and manufactured to conform to Approved Standards of the valve industry such as API, ANSI, ASTM, DIN, BS & IS.

All Casting and forgings are checked by means of chemical and mechanical tests to guarantee that all raw materials conform to required specifications. Judicious designing, rigid quality control by meticulous checking of each and every individual part at different stages of manufacturing and pressure testing at pressure prescribed by the respective standard make AB INDUSTRIES Valves a product of international standard.

### ▶ RESEARCH & DEVELOPMENT

Through continues efforts in research & development we could bring out AB INDUSTRIES Valves for high pressure, high temperature and highly corrosive fluids. Import substitution is another achievement of AB INDUSTRIES Valves. In fact, AB INDUSTRIES Valves has become synonym for reliable and dependable valves for special application.

### ▶ SERVICE & RELIABILITY

A team of qualified and experienced engineers and supported by dedicated staff in all departments are always on their toes to provide end to end solution and technical services to the customer.

## STRAINER

- ▶ "Y" / "T" / BASKET (POT) TYPE ▶ BOLTED COVER DESIGN



STANDARD	
DESIGN STANDARD	MFG. STANDARD
INSPECTION & TESTING STANDARD	API 598
FACE TO FACE	MFG. STANDARD
END CONNECTION	FLANGED END TO ANSI B 16.5/ BS 10 TABLE SOCKET WELD END TO ANSI B 16.11 BUTT WELD END TO ANSI B 16.25 SCREWED END TO ANSI B 1.20.1
SIZE RANGE	1/2" TO 12"
PRESSURE RATING	150# TO 600#