



## INDUSTRIAL VALVES MANUFACTURER

- Control Valve
- Ball Valve
- Butterfly Valve
- Micro Flow Control Valve
- Flush Button Valve
- Pressure Regulating Valve
- Safety Valve
- Bellow Seals Control & Manual Valve





## INDUSTRIAL VALVES MANUFACTURER

Pawar Industries was established to manufacture control valves indigenously.

The Company is able to supply applications support, product advice and full technical back-up on all aspects of control valves technology. Manufacturing unit has the capacity to produce standard valves in addition to the more customised units which have gained Pawar Industries an enviable reputation for being specialist in problem solving.



### Quality Assurance

Pawar Industries consider that quality assurance is a pre-requisite for successful business operation. Pawar Industries employs personnel who blend skill with enthusiasm to provide a high quality throughput.



### Design Capacity

Pawar Industries have developed the design capacity to provide both standard and specialist valves to meet customer requirements. Working in conjunction with an experienced applications team, valve designs are generated which make the latest technology available to solve difficult on-site problems.

To ensure comprehensive customer service, C.A.D. system has been installed within the design facilities. This provides the user with high quality accurately detailed drawings showing the range of equipment to be provided.



### Technology

Pawar Industries utilise computers to produce valve sizing and noise prediction data from customer specifications to ensure that the valve will perform to its designed parameters. Valves are manufactured using Pawar Industries's modern production machinery with test facilities.

## Pneumatic and Manual Ball Valve



- **Design Standard:** ASME B16.34, API 6D, BS EN 17292, ANSI B16.34, BS 5351
- **Valve Size:** 1/2" to 6" (15MM – 150MM)
- **Pressure Rating:** 150# to 300# other standards available on request
- **End Connections:** Flanged, Screwed, butt welded, Socket welded and TC end
- **Material:** A216 Gr WCB, A351 CF8 (SS304), A351 CF3 (SS 304L), A351 CF8M (SS 316), A351 CF3M (SS 316L), Monel, Hastelloy and as per Special Specifications.
- **Design temperature:** -20°C to 180°C

### Designs :

- Two/ Three piece design Ball Valve
- Rotary Actuator Ball Valve
- PFA Lined/ Jacketed Ball Valve
- Motorised Ball Valve

### Key Features and Benefits :

- Resistance to corrosion
- Fine Finish and Compact Design with declutchable handwheel
- Easily replaceable PTFE seats and Packing.
- Prolonged successful operation even under High Pressures.

### Areas of Application :

Air, Gas, Water, Chemicals, Pharma, Oil, Acid, Foods, Vacuum, Heat Treatment, Paper and Sugar Industries

# Pneumatic and Manual Butterfly Valve



- **Design Standard:** BS 5155, API 609, MSS SP 67 & ISO 575
- **Valve Size:** 1 1/2" to 16" (40MM - 400MM)
- **Pressure Rating:** 150# to 300#
- **End Connections:** Wafer, Lugged and Double Flanged.
- **Material:** A216 Gr WCB, A351 CF8 (SS304), A351 CF3 (SS 304L), A351 CF8M (SS 316 ), A351 CF3M (SS 316L), Mild Steel and as per Special Specifications
- **Design temperature:** -20°C to 300°C

## Designs :

- Rubber Lined Butterfly Valve
- Double offset Butterfly Valve
- PFA Lined Butterfly Valve
- Motorised Butterfly Valve

## Key Features & Benefits :

- Bi Directional zero leakage Butterfly Valve with Extended Stem is available
- 360 Disc Rotation
- Compact, space saving design.
- Easy maintenance replaceable seal design
- Suitable for mounting between all standard flange

## Areas of Application :

Chemical and Petrochemical industries, Process industries, steam, air, gas etc.



# Control Valve



- **Design Standard:** ASME B16.34
- **Valve Size:** 1/2" to 14" (15MM - 350MM)
- **Pressure Rating:** 150# to 2500# other standards available on request
- **End Connection:** Flanged, Screwed, butt welded, Socket welded, end TC Connection
- **Material:** A216 Gr WCB, A351 CF8 (SS304), A351 CF3 (SS 304L), A351 CF8M (SS 316 ), A351 CF3M (SS 316L), Monel, Hastelloy and as per Special Specifications.
- **Design temperature:** -20°C to 280°C

## Designs :

- 2 Way Globe Control Valve
- 3 Way Globe Control Valve
- Motorised Control Valve
- Teflon/ PFA Lined/ Jacketed Control Valve

## Key Features and Benefits :

- Heavy Duty Top and Bottom Guide
- High Flow Capacity
- Large Variety of trim Design
- Tight Shutoff & soft seated option
- Easy Maintenance

## Areas of Applications :

All Industry Segments, Power, Nuclear, Oil & Gas, Refining, Fertilizer, Chemical, Pharma, Aerospace etc.

## Pneumatic and Manual Flush Bottom Valve



- **Design Standard:** Plug Type
- **Valve Size:** 1/2" to 14" (15MM - 350MM)
- **Pressure Rating:** 150# to 300# other standards are available on request
- **Opening:** Vessel Opening, Opening inside valve
- **Material:** Fabricated in Carbon Steel, SS 304, SS 316, SS 304L, SS 316L, Alloy 20, Hastelloy and as per Special Specifications.
- **Design Temperature :** -20°C to 280°C

### Designs :

- Manual Flush Bottom Valve
- Pneumatic Diaphragm Operated Flush Bottom valve
- Cylinder/ Motorized operated Flush Bottom Valve
- Flush Bottom Tank Valve
- High temperature Flush Bottom valves with extension bonnet
- Jacketed/ PTFE Lined Flush Bottom Valve
- Flush Bottom Ball Valve

### Key Features and Benefits :

- Customized designs as per customer requirement
- High flow capacity and Zero material clogging
- Available with 45°, 60° outlet angle in the body
- Heavy Duty Construction for longer life
- Temperature sensor attachment in plug

### Areas of Application :

Petrochemical industry, Pharmaceutical, Chemicals, Process industry etc.

## Pneumatic and Manual Micro Flow Control Valve



- **Design Standard:** ASME B16.34
- **Valve Size:** 1/4" to 1" (6MM - 25MM)
- **Pressure Rating:** 150#
- **End Connection:** Flanged, Screwed, TC end
- **Material:** Fabricated in Carbon Steel, SS 304, SS 316, SS 304L, SS 316L, Alloy 20, Hastelloy and as per special specifications
- **Design Temperature:** -20°C to 180°C

### Key Features & Benefits :

- Precise control, compact design and light weight
- Threaded Bonnet for quick maintenance
- Extended Bonnet for cryogenic services
- Designed for small flows, tough applications and neutral or corrosive fluids

### Areas of Application :

Industry Segments like Power, Nuclear, Oil & Gas, food, Chemical, Pharma, etc.



## Pressure Regulating Valve



- **Valve Size:** 1/2" to 2" (15MM - 50MM)
- **Pressure Rating:** 150#, 300#
- **End Connection:** Flanged, Screwed and TC end
- **Material:** A216 Gr WCB, A351 CF8 (SS304), A351 CF3 (SS 304L), A351 CF8M (SS 316), A351 CF3M (SS 316L) and as per special specifications

### Designs :

- Pilot and balance spring loaded for low & high pressure

### Key Features and Benefits :

- Safe operation at high pressure
- Accurate outlet pressure
- Tight Shut-off, zero leakage
- Customised Design as per customer's requirement
- Easy for maintenance

### Areas of Application :

Process service like Nitrogen, Hydrogen Gases, Utility Services like Water & Air, Fertilizer, Chemical & Pharmaceutical

## Pneumatic and Manual Bellow Seal Valve



- **Design Standard:** BS 1873, ASME B16.34
- **Valve size:** 1/2" to 14" (15MM - 350MM)
- **Pressure rating:** upto 300# in flanged connection and upto 1500# in forged body
- **End connection:** flanged, socket, screwed, TC end
- **Material:** A216 Gr WCB, A351 CF8 (SS304), A351 CF3 (SS 304L), A351 CF8M (SS 316), A351 CF3M (SS 316L) and as per special specifications.
- **Design Temperature:** -20°C to 280°C

### Designs :

- Bellow Seal Globe Valve
- Bellow Seal Gate Valve
- Bellow Seal Forged Globe Valve
- Bellow Seal Forged Gate Valve

### Key Features and Benefits :

- Optional stellite seat and plug,
- In forged valves optional full port design upto 40 mm nb.
- Alternate bellow material like hastelloy, monel and inconel 600/625.
- Bellows are available in 2 ply / 3 ply

### Areas of Application :

Power, nuclear, oil and gas, chemical, fertilizer

## Pressure Relief Valve (Safety Valve)

- **Valve Size:** 1" to 4" (25MM - 100 MM)
- **Pressure rating:** 150#, 300#
- **End connection:** Flanged and Screwed and TC end
- **Material:** A216 Gr WCB, A351 CF8 (SS304), A351 CF3 (SS 304L), A351 CF8M (SS 316), A351 CF3M (SS 316L) and as per special specifications.

### Key Features and Benefits :

- Ideal For High pressure and high temperature services



- Valve size can Standardized according to set pressure
- High efficiency and better performance

### Areas of Application :

Vapor, Gas and liquid for over pressure protection



INDUSTRIAL VALVES MANUFACTURER

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