

Pinch Valves

The pinch valve is particularly suited for applications of slurries or liquids with large amounts of suspended solids. It seals by means of one or more flexible elements, such as a rubber tube, that can be pinched to shut off flow.

"YASH" make Pinch Valves offer a cost-effective solution to flow control problems. The secret is in the rubber sleeve - the valve's only wetted part. Actuation of the valve, the pinching action, is accomplished by air or hydraulic pressure placed directly on the elastomer sleeve. A rubber sleeve also known as rubber muff or tube is protected under a cast iron or aluminum body. The inside of this rubber sleeve has no crevices or indentations to allow slurry compound to collect and dry into hard, sharp material.

Pinch valves resist clogging and are best suited for tough applications which clog in the pipeline. Pinch valves being glandless and seatless with smooth interior construction lessen the chances of clogging considerably. Pinch valves can be operated by hand wheels, pneumatic actuators, hydraulic actuators or electrical actuators.

Aluminum Body / Cast Iron, Pinch valves having Rubber Sleeves are extra heavy with full covering flanges preventing corrosion on body and four reinforced pulling lugs for positive operation. The sleeve is internally completely reinforced.

Features:

Straight Full Flow

No liquid hammering

Can handle most corrosive and abrasive material.

The only replaceable part is rubber sleeve.

Split casting ensures quick maintenance of the valve.

Technical Specification

Range :	25mm to 300mm
Pressure Rating :	ANSI - 125#, 150#, 250#
Standard :	Designed and manufactured to conform IS/BS/DIN STANDARD
End Connections :	Flanged ended
Rubber Sleeve:	Natural, Neoprene, Butyl, Hypalon, EPDM, SBR, Viton
Material :	Cast Iron/Aluminum or any special material
Operation :	Pneumatically controlled, electrically controlled, Gear operated, Chain operated - Smooth, Easy, Low-Torque, Long life
Quality :	Highest standard in Visual, Materials, Dimensional Accuracy, Operation, Leak-tightness
Testing:	Each valve is 100% tested to ensure leak-tightness at Shell, Seat and Gland.

Application Industries :

Wastewater (effluent), iron, cement, caustic, lime, sand, chemicals or other abrasive, corrosive slurry. Liquid with solid suspensions and many others media which are difficult to handle with seat valve.

Bleed Valves / Monoflanges

DOUBLE BLOCK & BLEED VALVES (DBB)

"YASH" make Bleed valves are designed for use on products such as multi-valve manifolds, or gauge/root valves. Functionally, the valve vents line pressure either to atmosphere or to containment when used with optional barbed vent tube. Bleed valves are used whenever an instrument is removed from a system or to assist in the calibration of control devices.

Bleed Valves are also called **Double Block & Bleed valve** generally, as this valve is made up by two ball valve and one needle valve or two ball valve and a globe valve.

Double Block and Bleed valves have evolved to replace and add the process of bolting together individual valves to make the valves in one body. it saved a lot of space and material, it is the development tendency of the valve in the future. These new assembly of the **double block & bleed valve** provides great savings in weight, space and installation times especially in cage isolation. Double Block and Bleed valves have evolved to replace the process of bolting together individual valves to provide dual isolation. This new assembly provides great savings in weight, space and installation times especially in instrument & can be seen in the reduction of leak paths to atmosphere

MONOFLANGES OR SINGLE BLOCK & BLEED VALVES

One Piece Ultra Slim line Forged Body combines a compact design with strength and reduced potential leak paths compared to conventional designs. **Flanged Connections** available on inlet or inlet and outlet in a choice of sizes and ratings to suit each particular application. **Gauge Adaptors** allow flexible positioning of gauges and instruments with a choice of designs available.

Technical Specification

Size Range :	15mm to 600mm
Pressure Rating :	ANSI - 150#, 300#, 400#, 600#, 900#, 1500#, 2500#
Standard :	Designed and manufactured to conform API/BS/DIN STANDARD
End Connections :	Flanged connections to ANSI B 16.5

Type :	NYLON SEAT PACKING BLOCK VALVES BALL TYPE, BLEED VALVE NEEDLE TYPE, WITH BOLTED BONNET DESIGN
Max Temperature:	-52 degree C to +250 degree C depend on different material.
Material :	Stainless Steel, CS A105, Brass, Alloy steel
Operation :	Pneumatically controlled, electrically controlled - Smooth, Easy, Low-Torque, Long life
Quality :	Highest standard in Visual, Materials, Dimensional Accuracy, Operation, Leak-tightness
Testing:	Each valve is 100% tested to ensure leak-tightness at Shell, Seat and Gland.
Application Industries :	Petrochemical, Power, Energy, Thermal, Refineries, Fertilizers, Chemical, Pharmaceutical