

4Matic®

Industrial Valves and Valve Automation



PINCH VALVE

Intelligent Valves Infinite Possibilities

WRAS



IBR
Approved

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Working Principle :

The valve having simple rising spindle type operation makes the valve just simple as other handwheel operated valve. The in-between stoppage will allow the desired throttling and Pinch valve thus offers positive control over flowing media. A rubber sleeve is protected under a body (Cast Iron, Ductile Iron, Cast Steel, Stainless Steel - CF8-CF8M) as per your requirement. It closes when the handwheel moved in clockwise direction and to open the valve moved handwheel in anticlockwise direction. The flow through the valve is the same as that pipeline, when the valve is fully opened condition.

Replacement and Installation of sleeve

The valve sleeve can be installed without any gasket unless it is required for some specific purpose. After installation check the free movement of the pinch valve. The valve is then ready for service it is installed for.

Advantages

- The biggest advantage of pinch valve is , it can work in slurry media or aggressive media
- The pinch valve will give you full flow of media same as the pipe line
- Pinch valve employ a simple design that make this valve economical.
- Easily replaceable sleeve.

Features

- The Pinch valve pressure rating is PN6 & PN10 as per MOC.
- Flanged dimension is as per 150# and other dimension of flanged as per requirement
- The pinch valve is highly reliable and easy to maintain

Technical Specification

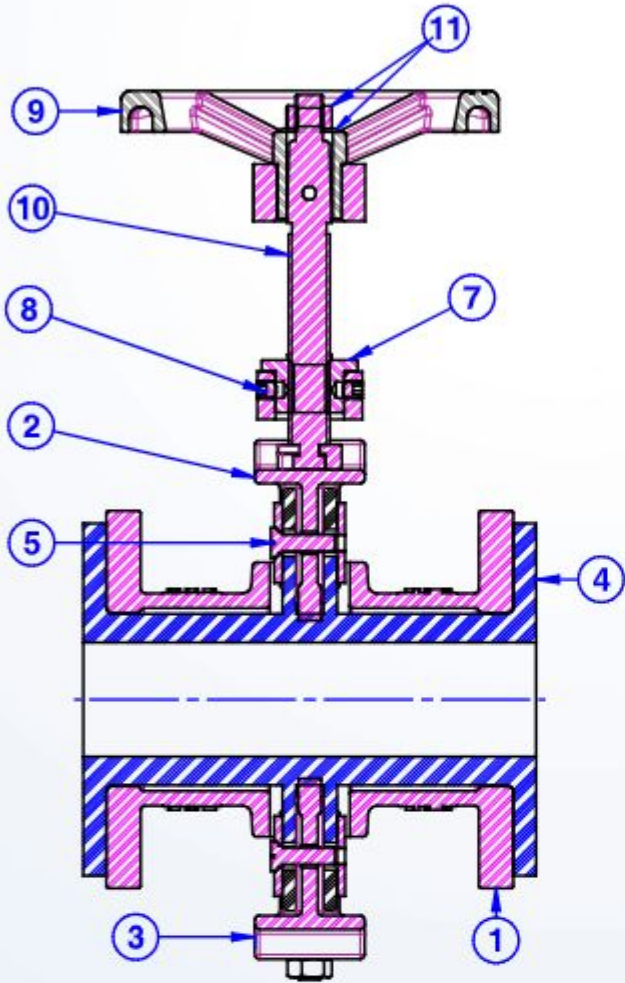
Model	: 4M PV
Size	: 40MM to 500MM
Body	: CI / DI / WCB / CF8 / CF8M
Pressure Rating	: PN6 / PN10
Sleeve	: Neoprene Rubber / EPDM / Viton
End	: Flange End (150#)

Types of Pinch Valve :

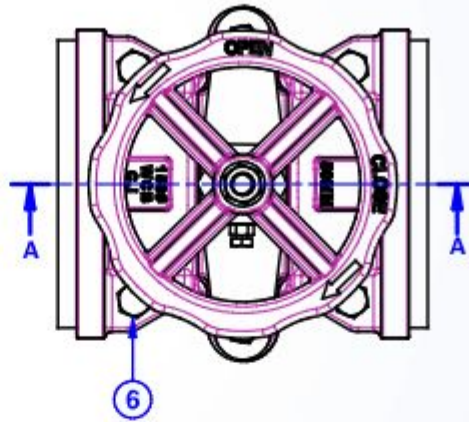
- Handwheel Operated Pinch Valve
- Double Acting Cylindrical Operated Pinch Valve
- Electrical Actuator Operated Pinch Valve



Material Specifications

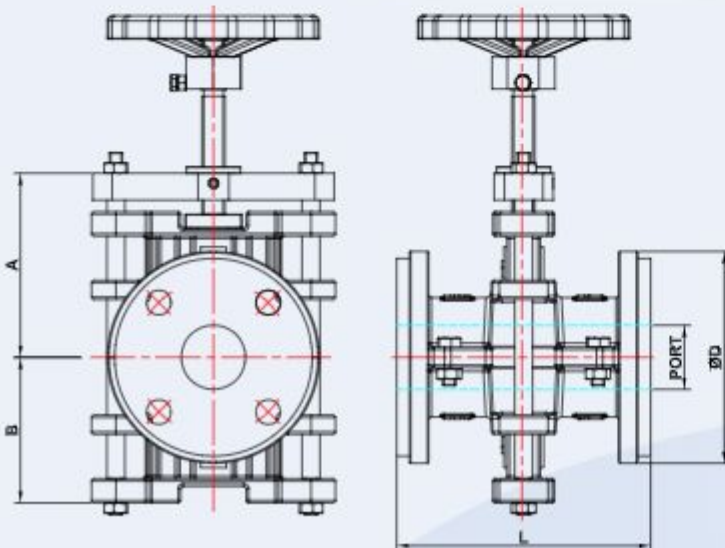


SECTION A-A



No.	Description	Material
1	Body	CI/DI/WCB/CF8/CF8M
2	Top Bracket Pinch	CI/DI/WCB/CF8/CF8M
3	Bottom Bracket Pinch	CI/DI/WCB/CF8/CF8M
4	Sleeve	NBR/EPDM/VITON
5	Sleeve Clamp Plate & Screw	MS / SS
6	Body Fitting Hex Bolt + Nut & Washer	SS 304 / 316
7	Gland Bush	BRASS / SS
8	Grub Bolt Gland Bush	SS 304 / 316
9	Hand Wheel	CI/DI/WCB/SG IRON
10	Hand Wheel Stem	EN8 / SS
11	Hex Nut & Washer For Hand Wheel	SS 304 / 316

Dimensions



Size	L	PORT	ØD	A	B
40	154	40	140	134	109
50	198	50	165	144	114
65	222	65	190	145	113
80	262	81	203.2	269	153
100	310	101	230	218	169
125	370	125	255	304	191
150	420	150	299	345	223
200	543	200	370	339	279
250	642	240	431	404	342
300	780	300	490	462	400

(Note : All Dimensions are in mm)



GLOBAL NETWORK



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