

# SERIES - PJ

## AIR JACKETED PINCH VALVE

# RHINOFLEX™

MANUFACTURED IN INDIA SINCE 2004 FOR SEVERE SERVICE SLURRY



Rhinoflex Series-PJ, Air Jacketed pinch valves offers a simple, cost-effective design, perfect for handling extremely demanding abrasive materials. The valve's split body design allows quick and easy sleeve replacement, and is available in ductile iron, with flanged ends.

These valves are designed to operate on differential pressure. To operate the Rhinoflex PJ Pinch Valves, it takes about 25 psi (+/- 10 psi) of differential pressure to close the valve tight.

So as an example, if there is a flow of 15 psi running through the valve, expect to require a minimum of 40 psi on the control side to fully close the valve. The less the pressure, the greater the sleeve life.

### APPLICATIONS

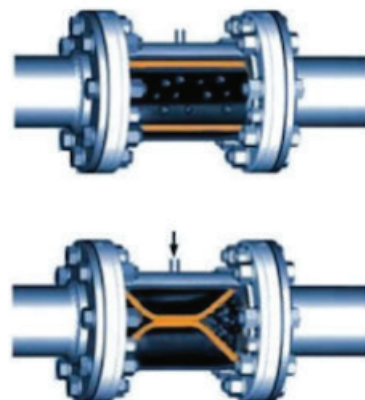
- Mineral Processing
- Power plants
- Bulk and solids handling
- Cement industry
- Waste water treatment
- Chemical industry
- Food and Beverage
- Ceramic-/Glass-/Plastic industry

### OPTIONAL EXTRAS

- Double Wall sleeves / Reduced port sleeves
- Convert to threaded ends
- Optional solenoid control for remote use
- Optional booster relay for rough throttling

### FEATURES

- Only one moving part
- Closes drop-tight on solids
- Body cavity acts as built-in actuator
- No cavities or dead spots to bind valve operation
- Full-port design/ Self-cleaning
- Long Cycle life
- No packing to replace or maintain
- Cost effective and maintenance free
- No extra or special actuator required
- Very fast opening/closing times
- Only one replaceable part (elastomer sleeve)
- Suitable for vacuum service



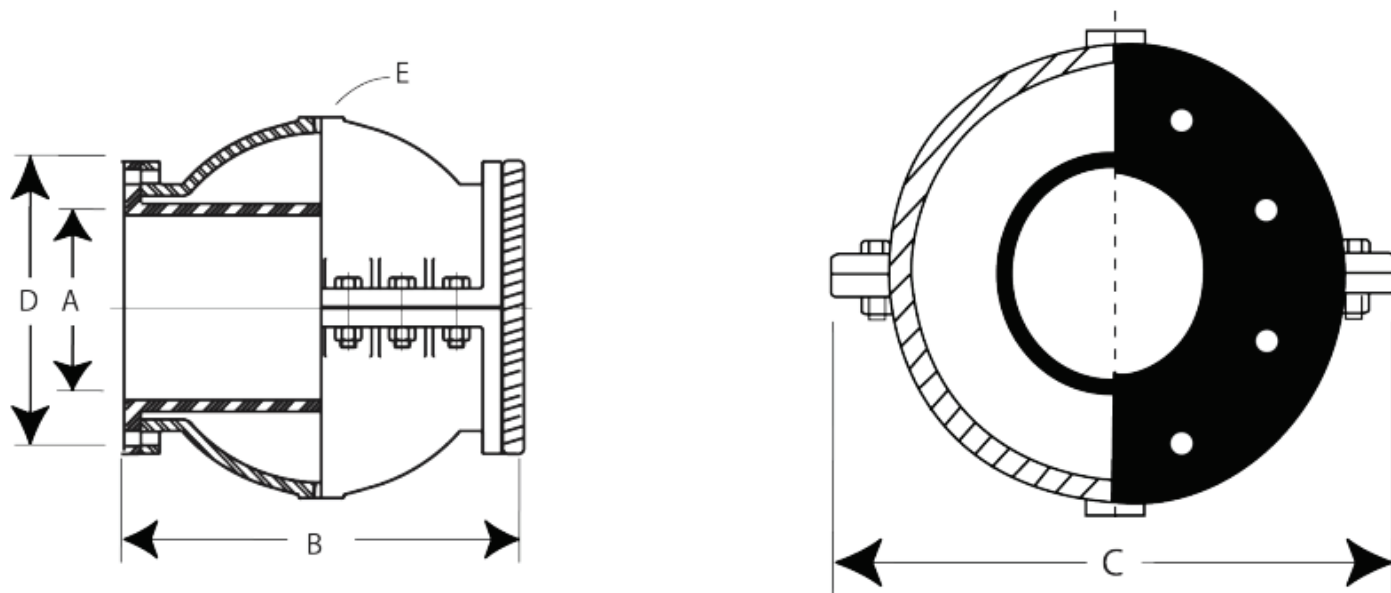
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### DIMENSIONS



### SPECIFICATIONS

Size A	Length B	Width C	Height D	Control Port E	Working Pressure	Weight Cast Iron
1/2	3	4 1/4	3 1/2	1/4" NPT	125	5
3/4	4	5	3 7/8	1/4" NPT	125	7
1	5	5 3/4	4 1/4	1/4" NPT	125	9
1 1/2	7	6 1/2	5	1/4" NPT	125	17
2	9	8 1/2	7 1/8	1/2" NPT	125	32
2 1/2	10	9	7 1/2	1/2" NPT	125	40
3	12	10	8 1/8	1/2" NPT	125	51
4	12 1/2	11 3/4	10 5/8	1/2" NPT	100	70
5	16 1/2	11 3/4	11 1/2	1/2" NPT	75	137
6	20	15 1/4	13 1/4	1/2" NPT	75	180
8	22	17 1/2	18	1/2" NPT	75	257
10	24	19 3/8	22 3/8	1" NPT	50	440
12	26	21 1/2	25	1" NPT	50	485
14	30	24	27 1/2	1" NPT	50	825
16	34	25	29 1/2	1" NPT	50	933
18	39	28 1/4	32 5/8	1" NPT	25	1300
20	43	29	36 1/2	1" NPT	25	1555
24	51	37 1/2	47	1" NPT	25	2525

NOTE: All these dimensions are indicative only. Please confirm at time of order. Dimensions can be revised to suit custom specifications.

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