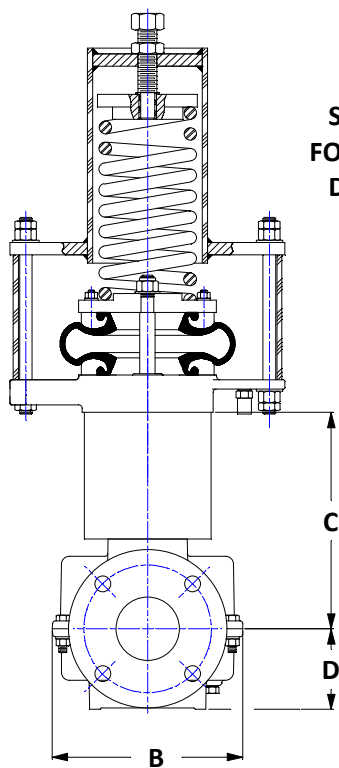
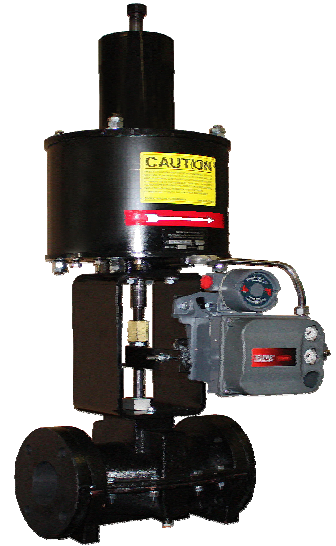


Pre-Pinched, Single Pinch, Enclosed Construction, Pneumatically Operated

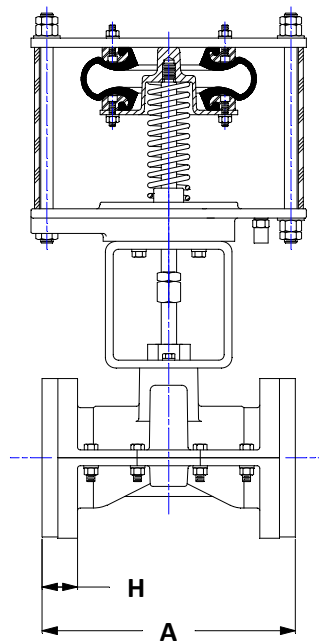
- Low pressure drop
- No packing
- Drop tight closure
- On/Off or throttling service
- Linear throttling characteristic
- Fail Open or Fail Closed pneumatic actuators
- Long lasting compression molded sleeve

Applications: Ideal for automatic control of abrasive, viscous, and corrosive fluids including wastewater, mine slurry, chemicals, cement, pulp , powder and pellets.

Operation: A pre-pinched pneumatically operated valve with the maintenance free Onyx Actuator. The actuator uses a spring for reliable fail-open (PFO) or fail-closed (PFC) operation in a range of sizes. It does not require lubricated air.



SEE PAGE 12
FOR ACTUATOR
DIMENSIONS



Specifications:

- Flanges: ANSI STD. 125/150 lbs
- Housing: Cast iron, ASTM A48, Class 35
- Stem: 303 stainless steel
- Yoke: Carbon steel
- Actuator: Cast iron/PVC

Options:

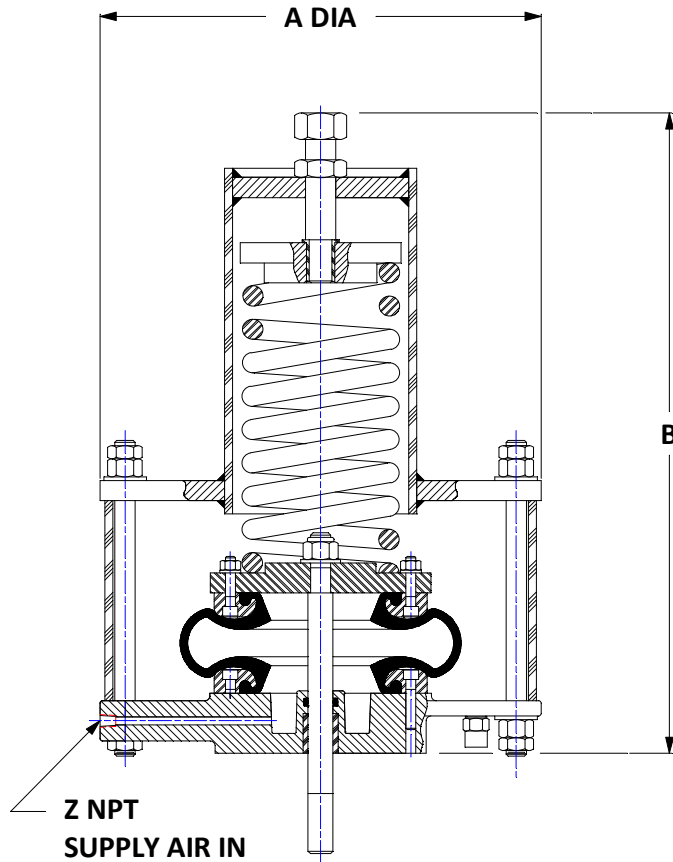
- Epoxy paint
- Sleeve elastomer
- 316 stainless steel stem
- ANSI STD 300 lbs. Flange
- Secondary containment package
- Auxiliary hand wheel
- Positioners
- Solenoid valves
- Limit switches

All dimensions are in inches.

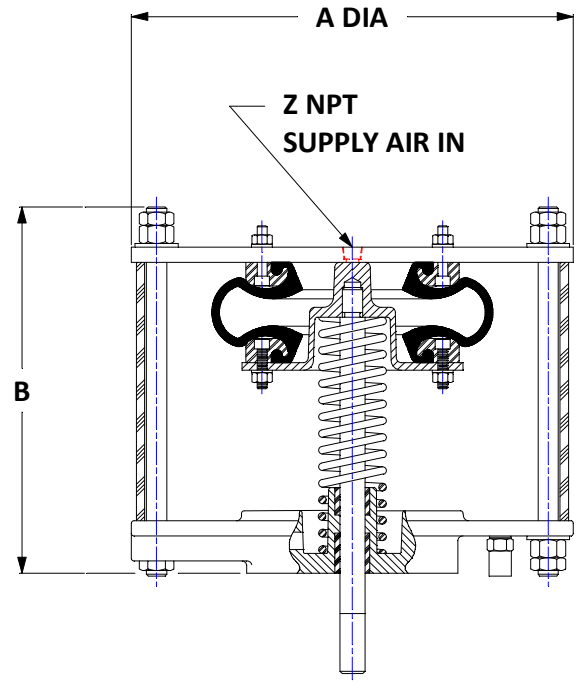
SIZE	4	6	8	10	12	14	16	18	20	24
A	9.00	17.75	21.37	26.50	29.00	28.00	32.00	36.00	40.00	48.00
B	13.50	20.12	22.75	26.25	32.00	34.37	34.37	43.75	50.50	60.50
C	15.56	17.68	21.43	22.50	26.68	27.68	33.12	34.12	42.65	45.25
D	4.62	5.75	7.00	8.25	9.75	13.68	16.12	17.12	19.65	22.25
H	1.31	1.87	1.62	1.81	2.25	2.75	3.37	3.37	3.50	3.50
P Max	150 psi			100 psi						
Wt, lb	90	150	350	550	800	1,000	1,700	2,000	3,000	4,300

PFO & PFC ACTUATORS

ACTUATOR WEIGHTS AND DIMENSIONS
(All dimensions are in inches and weights are in lbs.)



PFC ACTUATOR



PFO ACTUATOR

SIZE	8	12	21	30	36	40	70	80	120	200
A DIA	7.50	11.00	11.18	13.56	14.74	19.06	16.37	19.75	23.68	31.75
B (PFC)	10.37	22.12	27.37	34.62	37.12	62.37	50.12	52.62	59.50	N/A
B (PFO)	7.15	9.12	11.00	13.00	16.25		18.50	18.50	24.50	34.93
Z NPT	1/4				3/8		1/2			
WEIGHT (PFC)	25	45	70	156	226	300	355	385	450	N/A
WEIGHT (PFO)	20	40	46	75	119	130	140	145	200	880