

## ANGLE SEAT VALVE

Model#  
**NS0012-F**

SIZE 1/2"

BI DIRECTIONAL AIR ACTUATED ANGLE SEAT VALVE



## Technical Specifications

1/2"

### Air Cylinder

- Material: 304, 304
- Rotation: 360°
- Max Working Pressure:
- Flow (Top) 232 psi, Flow (Bottom) 362 psi
- Minimum Required Pressure: 66psi
- Control Fluid : Neutral gas, Air

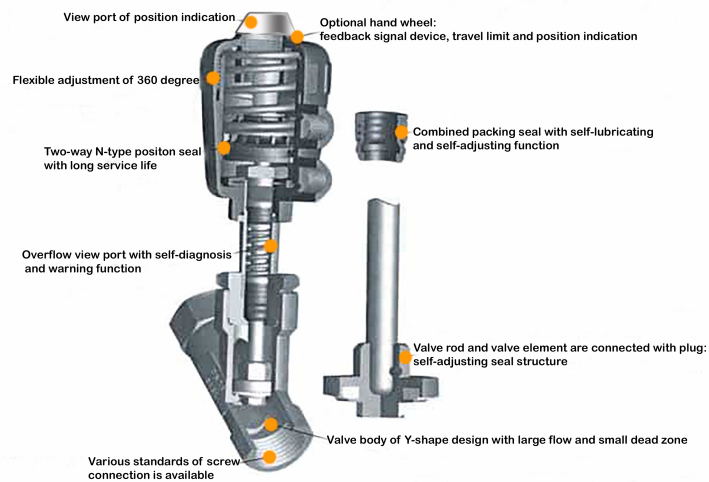
## VALVE

- Valve Body Material: 304 or 316 SS
- Sizes 1/2" to 2"
- Self-locking upon power loss or air loss in system

### VALVE INTERNAL

COMPONENTS FOR POLY ACTUATOR AND STAINLESS STEEL ACTUATOR

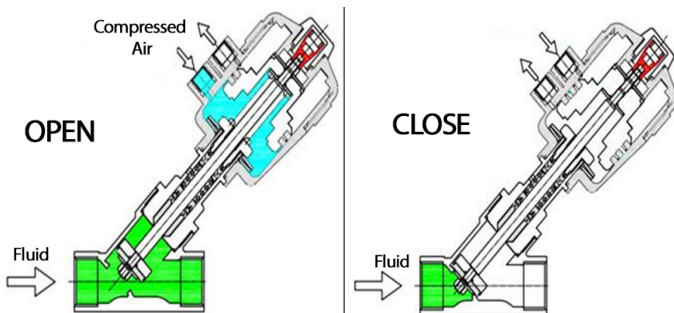
- System Features: suitable for steam and liquids in situations with a high requirement for water hammer prevention.
- Working Medium: 1. Ordinary type: suitable to  $\leq 356^{\circ}\text{F}$  steam or gas; 2. High temperature type: suitable  $\geq 356^{\circ}\text{F}$  and  $\leq 482^{\circ}\text{F}$  steam or gas. It can be used for liquid under certain situations (pressure release discharge of liquid).
- Medium flow direction: medium flows to the top or bottom of valve seat.



## Air Placement Instructions:

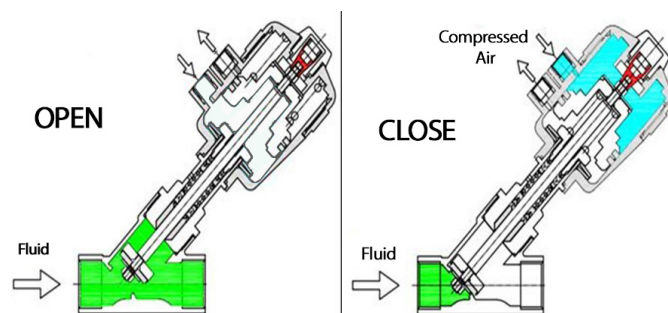
### Normally Closed

Air applied to port two of the actuator head releases spring tension allowing valve to open

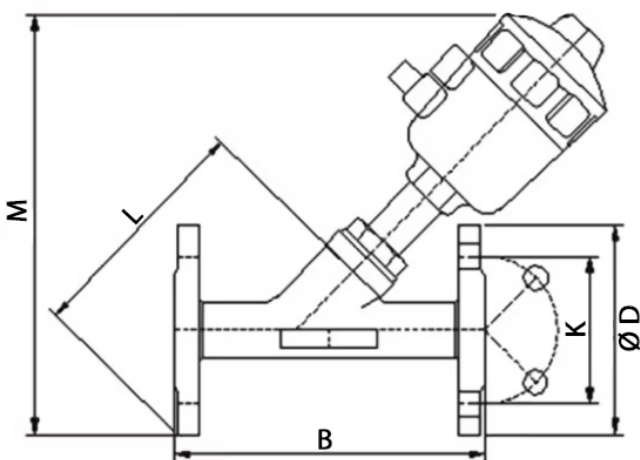


### Normally Open

Air applied to port one of the actuator head compresses the spring allowing valve to close

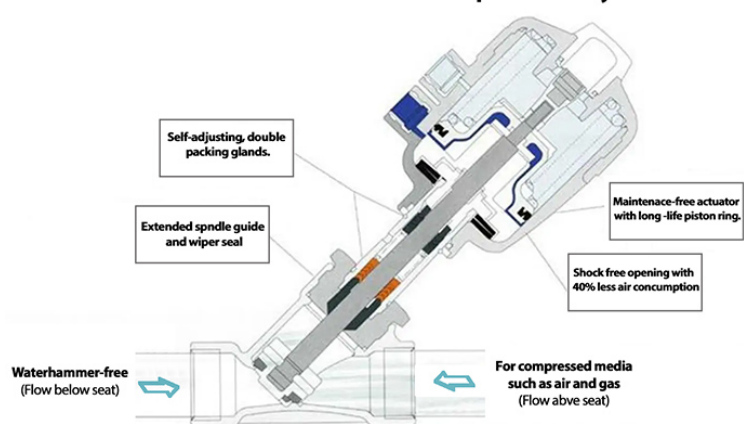


## DIMENSIONS



**Easy to install**  
Infinitely rotatable actuator allows  
pneumatic connection in any position

**Up to 3 million cycles**



Size	Inner Bore	Actuator Standard	D	B	K	Q	L	M	CV
1/2"	33/64"	1" 31/32	3" 47/64	5" 1/8	2" 9/16	35/64"	4" 51/64	10" 5/16	4.9