

All Stainless Steel Pneumatic Threaded Angle Seat Valve



Product Overview

The all stainless steel pneumatic threaded angle seat valve provides automated on-off control for air, water, steam, gases, and compatible process fluids. Its stainless steel actuator housing and stainless steel angle seat body support durable process-pipeline installation where corrosion resistance and metal actuator protection are required.

Available sizes extend from DN15 to DN100 with 1/2-inch to 4-inch female threaded ports. Final selection should confirm the required thread standard, stainless steel grade, seat seal, actuator function, pilot pressure, working medium, process pressure, temperature, and approved flow direction.

Key Features

- All-stainless-steel actuator housing and angle seat body for robust industrial service.
- Pneumatic 2/2-way on-off control for compatible liquids, gases, and steam.
- Female threaded sizes from 1/2 inch to 4 inches cover DN15 through DN100.
- A 1/8-inch pilot connection is shown in the published dimensional drawing.
- Conventional and water-hammer-reducing installation directions are supported.
- Suitable for steam systems, water pipelines, cleaning equipment, and process machinery.

Technical Specifications

Parameter	Specification
Product Name	All Stainless Steel Pneumatic Threaded Angle Seat Valve
Valve Type	Pneumatically operated angle seat shut-off valve
Valve Function	2 ports, 2 positions
Operation Type	Pneumatic piston actuator
Actuator Construction	Stainless steel actuator housing
Valve Body	Stainless steel angle seat body
Material Grade	Confirm exact stainless steel grade before ordering
Process Connection	Female threaded connection
Nominal Size Range	DN15 to DN100
Port Size Range	1/2 inch to 4 inches
Pilot Connection	1/8 inch shown in the dimensional drawing
Control Function	Double-acting configuration shown; confirm the required actuator function
Working Medium	Air, water, steam, gases, and compatible process fluids
Flow Direction	Conventional or water-hammer-reducing installation
Typical Applications	Steam systems, water pipelines, cleaning equipment, and process machinery

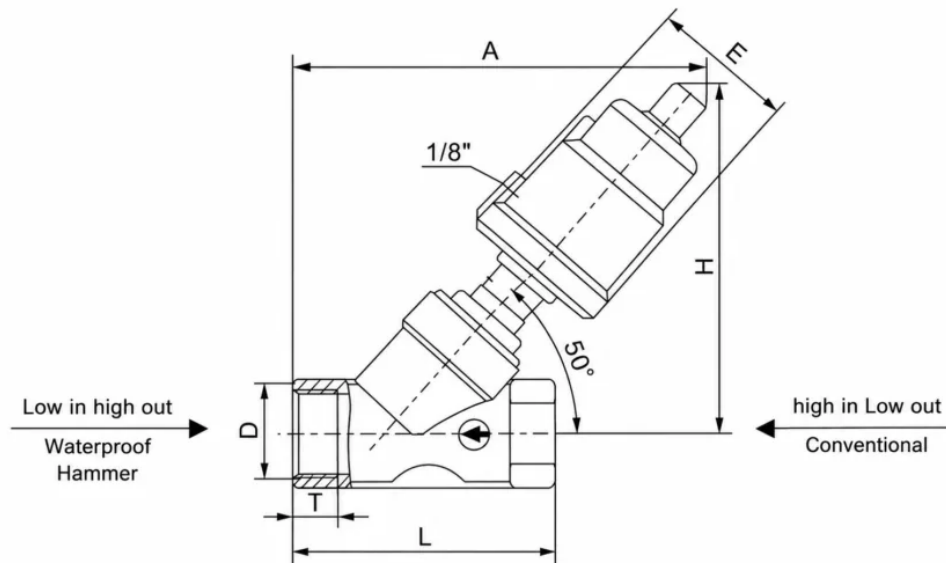
Applications

- Automated switching in industrial steam and hot-water systems.
- Water supply, cooling circuits, washing equipment, and heat exchangers.
- Compressed-air lines and compatible industrial gas systems.
- Cleaning, sterilization-support, filling, packaging, and process machinery.
- Washdown or corrosive environments when the selected materials and seals are compatible.

Selection Checks

Before ordering, confirm the DN size, port thread standard, stainless steel grade, seat-seal material, actuator function and diameter, pilot pressure, working medium, process pressure, temperature, approved flow direction, installation arrangement, and required quantity.

Dimensions and Model Selection



Model	L	T	A	H	D	E	Actuator	Waterproof Hammer
DN15	80	11	135	135	1/2"	62	Φ50	Φ50
DN20	72	14	140	140	3/4"	62	Φ50	Φ50
DN25	88	15	145	145	1"	62	Φ50	Φ63
DN32	105	17.5*	195	180	1 1/4"	76	Φ63	Φ80
DN40	112	17.5*	195	180	1 1/2"	76	Φ63	Φ80
DN50	130	20	215	200	2"	76	Φ63	Φ100
DN65	185	30	285	250	2 1/2"	96	Φ80	Φ100
DN80	210	33	370	310	3"	114	Φ100	Φ100
DN100	235	33	420	395	4"	114	Φ100	Φ150

* Published T values are retained from the product page. Dimensions are in millimetres unless otherwise stated.

Installation Notes

- Confirm the selected actuator function and approved flow direction before installation.
- Verify BSP, BSPT, NPT, or other required thread standard before ordering and assembly.
- Use compatible thread sealant and avoid excessive tightening that could damage the valve body.
- Supply clean, regulated pilot air through the 1/8-inch actuator connection shown in the drawing.

Contact Information

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