

All Stainless Steel Pneumatic Flanged Angle Seat Valve



Product Overview

The all stainless steel pneumatic flanged angle seat valve provides automated on-off control for air, water, steam, gases, and compatible process fluids. It combines a stainless steel pneumatic actuator with a stainless steel angle seat body for robust industrial pipeline service.

The published size range covers DN15 to DN100. Standard flange options include HG5010-58, PN10, and PN16, while PN25, GB/T 9113, HG20593, ISO, DIN, JIS, and other flange standards can be supplied according to project requirements.

Key Features

- All-stainless-steel actuator housing and flanged angle seat body for demanding industrial service.
- Pneumatic 2/2-way on-off control for compatible liquids, gases, and steam.
- Nominal sizes from DN15 to DN100 for process machinery and industrial pipelines.
- Standard HG5010-58, PN10, and PN16 flanges with additional customized standards available.
- Conventional and anti-water-hammer flow arrangements are shown in the dimensional drawing.
- Suitable for steam lines, water systems, cleaning equipment, heating systems, and process machinery.

Technical Specifications

Parameter	Specification
Product Name	All Stainless Steel Pneumatic Flanged 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
Displayed Sample Material	304 stainless steel
Process Connection	Flanged connection
Nominal Size Range	DN15 to DN100
Standard Flange Options	HG5010-58, PN10, and PN16
Customized Flange Options	PN25, GB/T 9113, HG20593, ISO, DIN, JIS, and other standards
Pilot Connection	1/8 inch shown in the dimensional drawing
Control Function	Normally closed, normally open, or double acting; confirm before ordering
Working Medium	Air, water, steam, gases, and compatible process fluids
Flow Direction	Conventional or anti-water-hammer installation
Typical Applications	Steam lines, water systems, cleaning equipment, heating systems, and process machinery

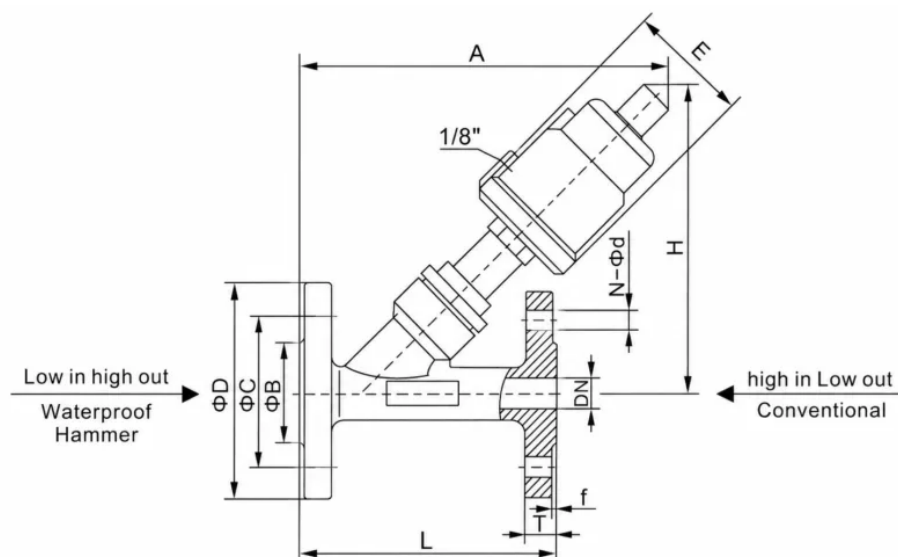
Applications

- Automated steam shut-off in heating equipment, laundry machinery, drying systems, and process lines.
- Water supply systems, cooling circuits, heat exchangers, washing equipment, and automated cleaning systems.
- Compressed-air lines and compatible industrial gas systems.
- Textile machinery, filling equipment, temperature-control systems, and process skids.

Selection Checks

Before ordering, confirm the DN size, flange standard, pressure class, bolt-hole dimensions, stainless steel grade, seat-seal material, actuator function and size, pilot pressure, working medium, process pressure, temperature, approved flow direction, and required quantity.

Dimensions and Model Selection



Model	L	T	f	D	C	B	A	H	E	N-φd	Actuator	Waterproof Hammer
DN15	120	14	2	95	65	40	185	155	62	4-φ14	φ50	φ50
DN20	120	14	2	105	75	50	185	155	62	4-φ14	φ50	φ50
DN25	142	14	2	115	85	60	210	165	62	4-φ14	φ50	φ63
DN32	155	16	2	135	100	70	225	195	76	4-φ18	φ63	φ80
DN40	183	16	2	145	110	80	240	205	76	4-φ18	φ63	φ80
DN50	196	16	2	160	125	92	265	230	76	4-φ18	φ63	φ100
DN65	230	18	2	185	145	115	290	265	96	4-φ18	φ80	φ100
DN80	250	18	2	195	160	130	330	300	114	8-φ18	φ100	φ100
DN100	280	18	2	215	180	150	350	320	114	8-φ18	φ100	φ150

Dimensions are in millimetres. Flange standard: HG5010-58 / PN10 / PN16; additional standards can be customized.

Installation Notes

- Confirm flange standard, pressure class, actuator function, and approved flow direction before installation.
- Align the mating flanges correctly and tighten bolts evenly according to the pipeline specification.
- Supply clean, regulated pilot air through the 1/8-inch actuator connection shown in the drawing.
- Verify body material, seat seal, pressure, and temperature compatibility for the actual medium.

Contact Information

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