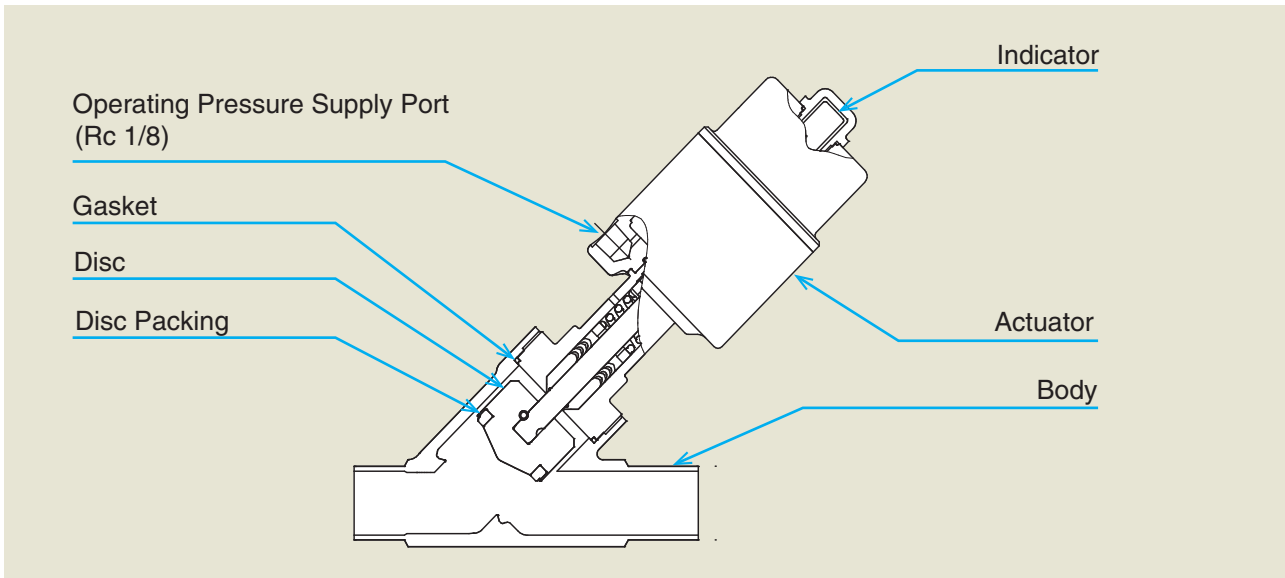


BY SERIES ANGLE SEAT VALVES



- Durability against steam is higher than ball valves
- Smooth fluid flow is realized
- Gland structure by know-how of manufacture of high temperature / high pressure valves
- Caulked type disk packing realizes stable seat performance

Overview of Basic Structure

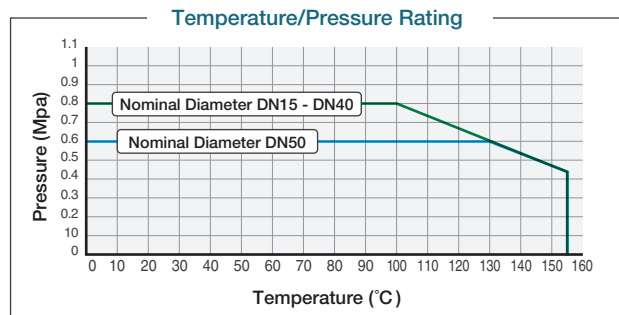
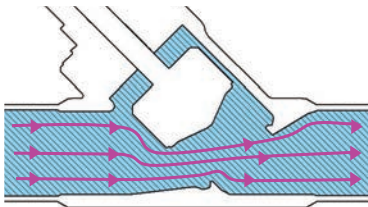


The actuator can rotate 360°, the direction of the operating pressure supply port can be adjusted. To prevent scratches, the planar part for spanners is not installed on the actuator. Please hold and rotate the actuator with both hands.

Selection of Valve Type

• Type "FO"

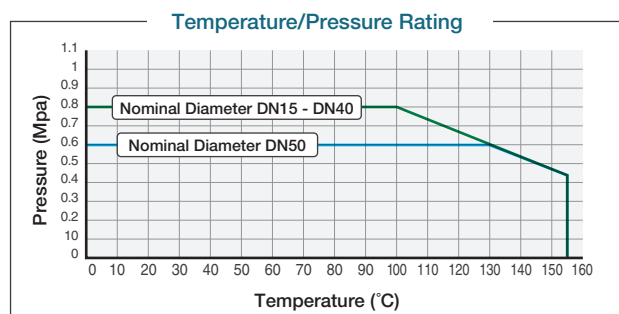
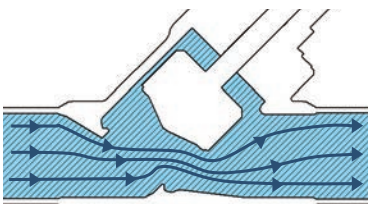
Available for Steam, Gas only
(Reverse flow direction)



Please select when fluid is steam or gas. The actuator size can be suppressed compactly and cost reduction is possible. If the fluid is liquid, please be aware that a water hammer may occur when the valve is closed and surrounding equipment may be damaged.

• Type "FU"

Available for Liquid, Steam, Gas shared use
(Normal flow direction)



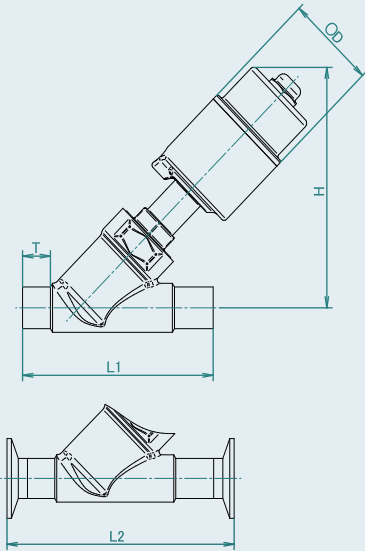
Please select when fluid is liquid. It is also available for steam or gas.

Product Specifications (Standard)

Nominal Diameter		DN15	DN20	DN25	DN40	DN50
Materials	Body	ASTM A351 CF8M (Casting, 316 Grade)				
	Bonnet	ASTM A351 CF8M (Casting, 316 Grade)				
	Disc Packing	PTFE				
	Gland Packing	PTFE+Graphite (Food Sanitation Law Conforming Material)				
	Actuator	ADC12 (Aluminum + Nylon Coating)				
Maximum Working Pressure (MPa)		0.8				0.6
Available Fluid Temperature Range (°C)		0 - 155 (We can manufacture low temperature type of -40.)				
Finish State of The Inner Surface of The Body		Casting Surface *1				
Usable Ambient Temperature (°C)		Room Temperature, Ambient Temperature 0 - 80				
Actuator	Types	N.C., N.O.				
	Operating Pressure Supply Port	Rc 1/8				
	Operating Pressure (MPa)	0.5 - 0.8 (In case of NC Type)				
Body Connection		ISO Ferrule Type, Butt Weld Type (ASME-BPE Welding End)				
Stroke (mm)		9	12	18	26	30
Accessory Mounting Screw Size		M16x1				
Presence / Absence of Oil Free Treatment		Non Oil Free (H1 Grease applied to Wetted Parts)				

* 1 In the case of the ISO Ferrule Type, weld beads remain on both the inner and outer surfaces. We are electropolishing the Body after welding.

Main Dimensions



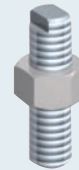
Nominal Diameter			Types	H	D	T	L		Ordering Numbers	
Orifice	Butt Weld Type	ISO Ferrule Type					L1	L2	Butt Weld Type	ISO Ferrule Type
DN15	1/2"	-	FO	119	46	23	100	-	BYCFO-15P-C5DA	-
			FU	119	46				BYCFU-15P-C5DA	-
DN20	3/4"	15A	FO	124	46	25	115	130	BYCFO-20P-C5EA	BYCFO-20P-C7D
			FU	133	58				BYCFU-20P-C5EA	BYCFU-20P-C7D
DN25	1"	1S	FO	146	58	25	130	150	BYCFO-25P-C5FA	BYCFO-25P-C7F
			FU	158	74				BYCFU-25P-C5FA	BYCFU-25P-C7F
DN40	1-1/2"	1.5S	FO	174	74	25	160	180	BYCFO-40P-C5HA	BYCFO-40P-C7H
			FU	198	92				BYCFU-40P-C5HA	BYCFU-40P-C7H
DN50	2"	2S	FO	188	74	25	175	200	BYCFO-50P-C5IA	BYCFO-50P-C7I
			FU	223	112				BYCFU-50P-C5IA	BYCFU-50P-C7I

* In the case of the ISO Ferrule Type, weld beads remain on both the inner and outer surfaces. We are electropolishing the Body after welding.

Options (Accessories)



Smart Positioner



Stroke Limiter



Proximity Sensor



URL <http://www.fujikin.co.jp/>



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- the 1st MONODZUKURI NIPPON GRAND AWARDS.
(9 developers awarded)
- the 5th MONODZUKURI NIPPON GRAND AWARDS.
(Fujikin Vietnam 4 employees awarded)
- the 7th MONODZUKURI NIPPON GRAND AWARDS.
(7 developers awarded)

CAT: No.803E-B