

Economical Style Angle Seat Valve (Piston Valve)

Series EPV100 Mini Short Stem(Threaded Port)

2/2-way Angle-Seat Valve
Pneumatically Operated, for medium up to +120° C, threaded port connection DN 15-50

- High flow rate;
- Long life cycle;
- Deliverable with flow direction below or above seat

◆ How to Order



EPV100P025NCS

EPV100 P 015 NC S x 63mm

Acting Type	
S	Single acting
D	Double acting

Body Material	
Blank	S.S 304 (standard)

Control Function	
NO	Normally open
NC	Normally closed (standard)

Nominal Diameter			
15	G1/2	20	G3/4
25	G 1	32	G1 1/4
40	G1 1/2	50	G 2

Actuator Material Code	
P	PA Actuator
S	S.S. Actuator
A	Aluminum Actuator

Model	
EPV100	100 seires Angle Seat Valve

◆ Actuator Size

Port Size	Standard Actuator Size (mm)		
	PA	S.S.	AL
DN15	40,50	40,50	40,50
DN20	40,50	40,50	40,50
DN25	50,63,80	50,63,90	50,63,80
DN32	63,80	63,90	63,80
DN40	63,80	63,90	63,80
DN50	63,80	63,90	63,80

EPV100 Series plunger pilot angle seat valve is propelled by a piston actuator, either single acting or double acting. Actuators are made of three different materials, applicable to different working temperature:
The valve is suitable for neutral gases or liquids, detergents and solvents;
2/2 way stainless steel valve with big flow capacity;
Widely used in industries such as food, textile, medicine, industrial washing equipment, chemical industry.etc.

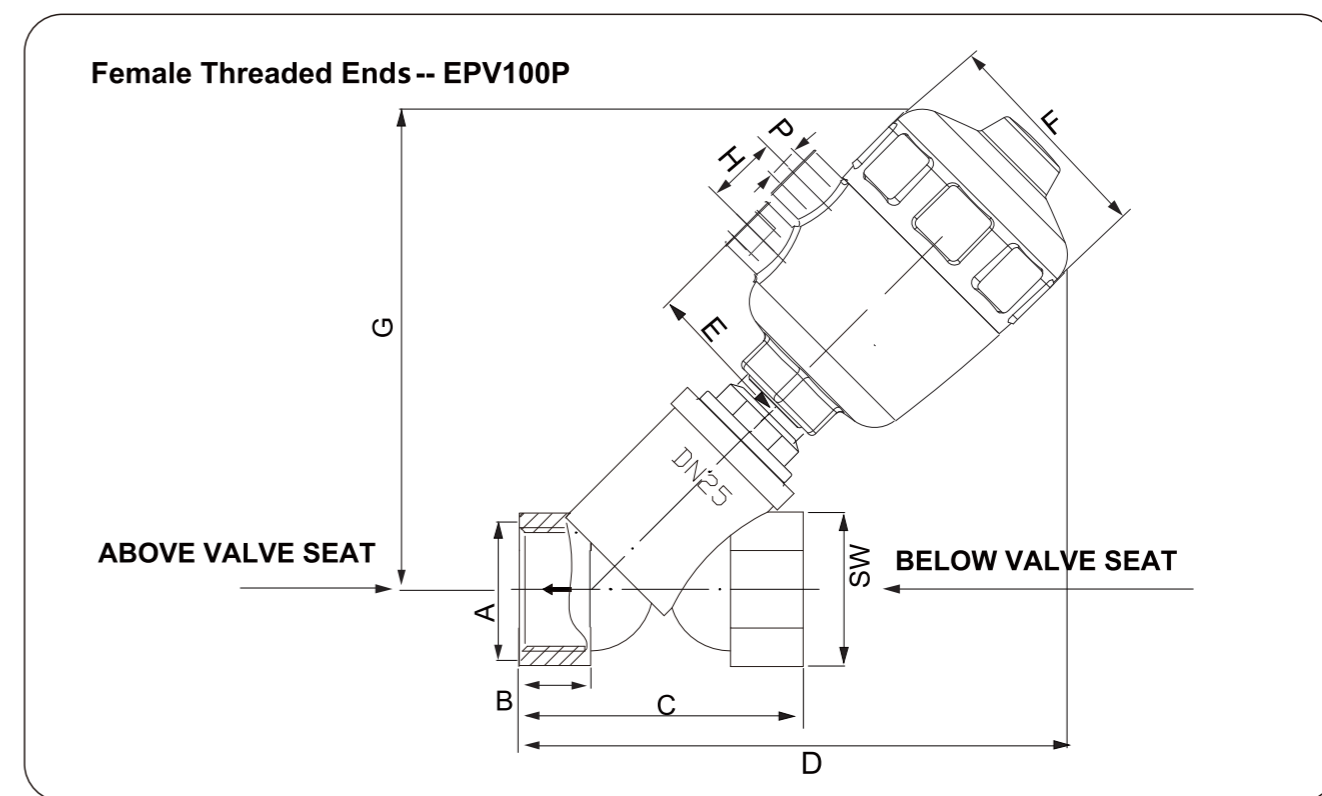
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◆ Specifications

Model Specifications	Normal Closed	P015NC	P020NC	P025NC	P032NC	P040NC	P050NC
	Normal Open	P015NO	P020NO	P025NO	P032NO	P040NO	P050NO
Body/Actuator Material	S.S304 316 /PA,SS,AL						
Operating Method	Plunger pilot						
Ambient and Fluid	Air,Water,Oil(50CTS Bellow)						
Port Size	G1/2	G3/4	G 1	G1 1/4	G1 1/2	G 2	
Nominal Diameter (mm)	13	18	24	31	35	45	
Kv (m ³ /h)	4.2	9	19	33	42	59	
Seat Seal	PTFE/FPM/NBR						
Stem Seal	PTFE/FPM						
Piston Seal	FPM/NBR						
Tempreture of Medium	- 10 ~120!						
Installing	Above/below valve seat						

◆ Dimensions [mm]



Port Size	DN (mm)	Actuator (mm)	A	B	C	D	E	F	G	H	P	SW
1/2"	DN15	40	G 1/2	14	66	116	30	53	98	20	G 1/8	28
		50	G 1/2	14	66	136	44	64	110	24	G 1/4	28
3/4"	DN20	50	G 3/4	16	68	141	44	64	115	24	G 1/4	32
		50	G 1	20	80	155	44	64	125	24	G 1/4	38
1"	DN25	63	G 1	20	80	171	54	79.5	145	24	G 1/4	38
		63	G 1-1/4	19	93	182	54	79.5	150	24	G 1/4	47
1-1/2"	DN40	63	G 1-1/2	21	104	194	54	79.5	155	24	G 1/4	56
		63	G 2	25	110	207	54	79.5	165	24	G 1/4	67
2"	DN50	80	G 2	25	110	220	62	101	179	24	G 1/4	67