

PV600 Series Gunmetal Body Angle Seat Valve:



PV600P-040NC-D63

1.Ordering Code :

PV600	P	-	040	NC	-	D	63
<div>Angle seat valve type</div> <div>PV600: Female thread Gunmetal body angle seat valve</div>							
<div>Actuator material code</div> <div>P: PA Actuator</div>							
<div>Nominal diameter</div> <div>015: G1/2 032: G1/ 1/4 065: G2 1/2</div> <div>020: G3/4 040: G1 1/2</div> <div>025: G1 050: G2</div>							
<div>Control function</div> <div>NC: Normally closed (standard type)</div> <div>NO: Normally open</div>							
<div>Acting type</div> <div>S: Single acting</div> <div>D: Double acting</div>							
<div>Actuator size</div> <div>40, 50, 63, 80, 90, 100, 125</div>							

* (Refer to the list of actuator size below)

2.Characteristics:

- 1) PV600 Series Plunger pilot angle seat valve is propelled by piston actuator, either single acting or double acting.
- 2) The specific gunmetal material fuses zinc as a key element, which makes our valves applicable in high air tightness industry and highly resistant to corrosion in air, sea water, fresh water and steam.
- 3) Maintenance free, compatible with various accessories. Direction indicating, stroke limiting or manual switching can be achieved conveniently.
- 4) High flow rate. Long life cycle.
- 5) NC and NO universal actuators with modular universal accessory program up to control heads.
- 6) Deliverable with flow direction below or above seat. Simple conversion of the circuit function.

3. Actuator size:

Port size	Nominal diameter	Standard actuator size (mm)
		PA
G1/2	DN15	40, 50
G3/4	DN20	50, 63, 80
G1	DN25	50, 63, 80
G1 1/4	DN32	63, 80
G1 1/2	DN40	63, 80
G2	DN50	63, 80
G2 1/2	DN65	80, 100

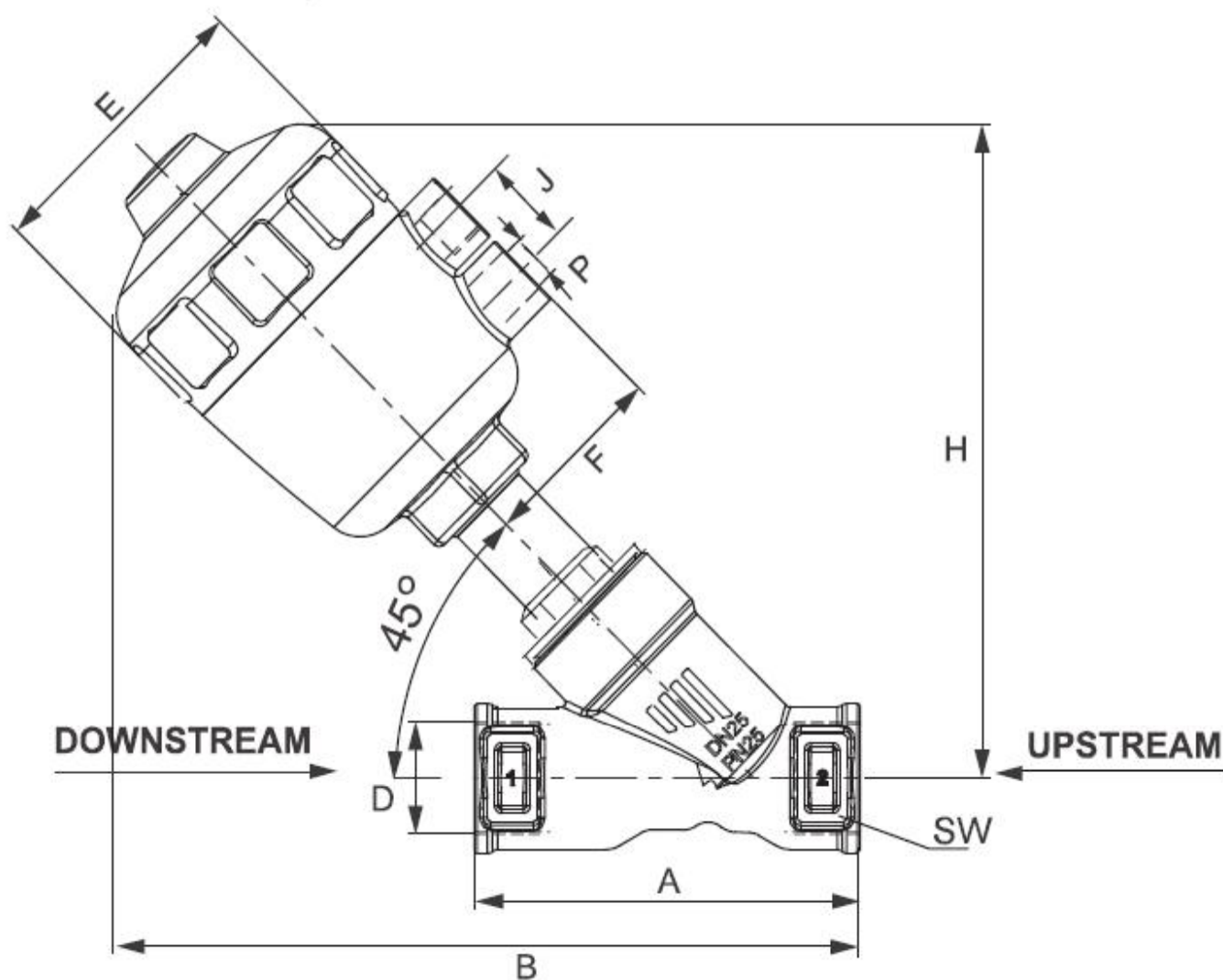
4.Specification:

Model Specification	Normally Closed	P015NC	P020NC	P025NC	P032NC	P040NC	P050NC	P065NC
	Normally Open	P015NO	P020NO	P025NO	P032NO	P040NO	P050NO	P065NO
Material of body / Actuator	Gunmetal Body/PA							
Operating Method	Plunger Pilot							
Ambient and fluid	Air,Water,Oil.Steam (50CTS Bellow)							
Port size		G1/2	G3/4	G1	G1 1/4	G1 1/2	G2	G2 1/2
Nominal Diameter mm		13	20	25	32	40	50	65
Kv (m ³ /h)		4.2	8	19	27.5	42	55	90
Seat seal	PTFE/FPM							
Stem seal	PTFE/FPM							
Piston Seal	PTFE/FPM/NBR							

* 1 kgf/cm² = 1 bar = 0.1 Mpa = 100KPa = 14.5psi

5. Overall and Dimension Sheet:

Gunmetal Body -- PV600P



Port Size	DN (mm)	Actuator (mm)	A	B	D	E	F	H	P	J	SW
1/2"	DN15	40	88	139	G1/2	30	53	115	G1/8	20	27
		50	88	163	G1/2	44	64	140	G1/4	24	27
3/4"	DN20	50	96	171	G3/4	44	64	144	G1/4	24	34
1"	DN25	50	108	181	G1	44	64	152	G1/4	24	41
		63	108	206	G1	54	80	177	G1/4	24	41
1-1/4"	DN32	63	112	219	G1-1/4	54	80	183	G1/4	24	50
1-1/2"	DN40	63	133	222	G1-1/2	54	80	188	G1/4	24	55
2"	DN50	63	154	249	G2	54	80	204	G1/4	24	70
		80	154	270	G2	62	101	225	G1/4	24	70
2-1/2"	DN65	80	191	275	G2-1/2	62	101	239	G1/4	24	85