



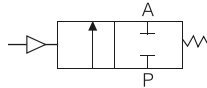
Product feature

2/2-way Angle-Seat Valve
Pneumatically Operated, for
medium up to +150°C, threaded
port connection DN 15-50

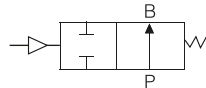
1. Classic design, Long life cycle;
2. NC and NO is optional;
3. Coaxial stoping structure, leakage proof and high flow rate;
4. Saving energy.

Symbol

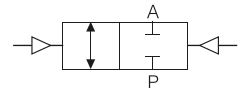
Control function A
(closed by spring force
in rest position)



Control function B
(open in rest position)



Control function I
(double-acting actuator)



Ordering code

Model		Nominal diameter	
PV800	800 Seires angle seat valve	15 1/2"	32 1 1/4"
Actuator & stem material code		20 3/4"	40 1 1/2"
S S.S.		25 1"	50 2"
A Aluminium			

Control function	
NO	Normally open
NC	Normally closed(standard)
NA	Liberty stable

Acting type	
S	Single acting
D	Double acting(standard)

Sealing Require	
H	High temperture
Blank	Normal(standard)

Construction

Seal material: PTFE(NBR, FKM and EPDM on request)
Liquid and gaseous media that do not attack the housing
and seal materials

Media

Control medium: Air

Temperature range

Medium temperature: -10 to 80°C with NBR seal; -10 to 150°C (PTFE, FKM)

Ambient temperature: -10 to 60°C

Standard Version: Aluminium actuator, S.S actuator on require

Applications

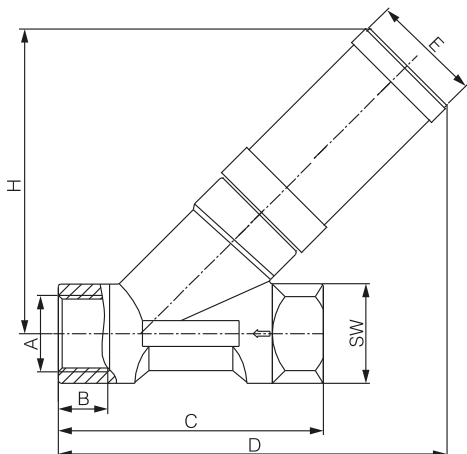
Food, packaging, petrochemical, metallurgical, spraying, vehicles, printing
and dyeing machinery etc.

Specifications

Model Specification	Normally closed	P015NC	P020NC	P025NC	P032NC	P040NC	P050NC
	Normally open	P015NO	P020NO	P025NO	P032NO	P040NO	P050NO
Material of body	S.S304/316/316L for body, Aluminium for stem and actuator, S.S is optional.						
Operating method	Plunger pilot						
Ambient and fluid	Air, Water, Oil, Liquefied gas, Free-running viscosity liquid						
Port size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
Nominal diameter (mm)	13	16	22	32	35	45	
Kv (m³/h)	4	5	10	20	33	42	
Pressure range (MPa)	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	0~0.8	
Min. control pressure (MPa)	0.30	0.30	0.32	0.30	0.35	0.32	
Meduim temp.	NBR for -10~80°C and EPDM, VITON for -10~150°C						

Dimensions

PV800A Series



Port size	DN(mm)	Actuator(mm)	A	B	C	D	E	H	SW
1/2"	DN15	25	1/2"	14	76	109	30	98	27
3/4"	DN20	32	3/4"	16	92	115	37	100	32
1"	DN25	32	1"	21	103	127	37	104	40
1-1/4"	DN32	40	1-1/4"	19	112	168	45	160	50
1-1/2"	DN40	50	1-1/2"	21	129	129	55	160	56
2"	DN50	63	2"	27	143	143	68	160	68

Note: PT, G, NPT, Metric thread are available.

Valve

2P

2W

2W(Big)

2WB

2WBF

US(2L)

DG223

DG523

0927/0955

PU220

PU225

VX

QX

PT

Q24H

K23H

K25H

K25H

K35H

K23JD

K25JD

K25JK

PV100

PV200

PV300

PV400

PV500

PV700

PV800

PV1527

PVN

MV100

MV200

NAA

GT

K

R

FAL

FP-M

NTP

SX