

ANGLE GLOBE VALVE

2/2 PILOT OPERATED

TYPE : PS-221-Y

FOR AIR/WATER/STEAM

Application

These valves are suitable for applications demanding high flow due to inclined seating provides excellent flow characteristics it has low maintenance piston actuator.

Airmatic



Port Size BSP	Model no.	Orifice in mm	Actuator size in mm	Maximum working pressure (Kg/cm ²)	Maximum working temperature of Fluid °C	Control Pressure range Kg/cm ²	Flow valve CV. m ³ /hr
G							

MODEL : PS-221-Y Normally Closed

St. Steel 316 Body/ Pipe Mounting

Port Size	Model no.	Orifice in mm	Actuator size in mm	Maximum working pressure (Kg/cm ²)	Maximum working temperature of Fluid °C	Control Pressure range Kg/cm ²	Flow valve CV. m ³ /hr
1/2	PS-221-Y-04	13	50	16	-10 to 185°C	3 to 5	4.7
3/4	PS-221-Y-06	18	50				9.5
1	PS-221-Y-08	24	63				18.1
1 1/4	PS-221-Y-10	31	63				23.1
1 1/2	PS-221-Y-12	35	63				32.9
2	PS-221-Y-16	45	80				52.8

Material Specification

Body	St. Steel 316L (CF8M)
Actuator	St. Steel 316 (CF8)
Seat	PTFE

Technical Specifications

Actuator	Spring Return Single Acting
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Features

- * Suitable for high working temperature & pressure
- * Optical indicator standard.
- * For corrosive, inert, gaseous and liquid media , which have zero impact on the chemical properties of the body/ seal material.

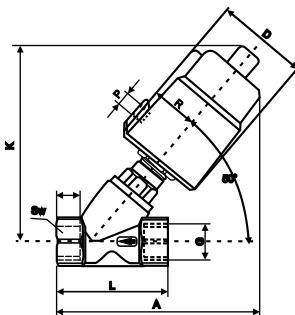
Model Ordering Code Instruction

P	S	-	2	2	1	-	Y	-	04	-	010	-	SS	-	T
P- Pilot Operator	S- Spring Return		2- 2/2way	2- 2/2way	1- Normally closed		Y- Angle Type		04 - G 1/2		010 - Pressure 010-0-10 kg/cm ²		SS- St. Steel 316		T - PTFE
					2- Normally Open				06 - G 3/4						
									08 - G 1						
									10 - G 1 1/4						
									12 - G 1 1/2						
									16 - G 2						

ORDER CODE : PS-221-Y-04-010-SS-T

Dimensions

TYPE : PS 221-Y



PORT SIZE	ACTUATOR	DIMENSIONS					Weight in Kgs
		A	L	K	D	P	
G 1/2	50	140	68	136	60	G1/8	1.09
G 3/4	50	137	75	140	60	G1/8	1.19
G 1	50	174	90	165	77	G1/8	1.5
G 1 1/4	63	188	116	175	77	G1/8	2.27
G 1 1/2	63	190	116	178	77	G1/8	3.93

DIMENSIONS ARE IN MM

Shah Pneumatics

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