

Media: gas – water – fluid – steam- vacuum
 Pressure range: 0 to 16 Bar Max
 Media temperature: -10°C to +200°C max
 Ambient temperature: +5°C to +60°C
 Media viscosity: 600 centistokes max
 Mounting: any position
 Pilot Media: air – water – gas
 Pilot Pressure: 5 to 8 Bar

Piston Stainless

DN10 – DN80

ANGLE PISTON VALVE

2 WAY DIRECT ACTING

0 – 16 Bar

Type ASPVSS-F



PRESSURE

Ø Port PN16	Function	Ø Orifice (mm)	Flow Kv Ltr/Min	Pressure (Bar) ΔP			Actuator (mm)	Part Number
				Min	1⇐2 Over Seat	1⇒2 Under seat		
DN10	N/Closed	10	75	0	16	8	40	ASPV10SS-F
DN15	N/Closed	15	90	0	16	8	40	ASPV15SS-F
DN20	N/Closed	20	167	0	16	8	50	ASPV20SS-F
DN25	N/Closed	25	253	0	16	8	50	ASPV25SS-F
DN32	N/Closed	32	383	0	16	8	63	ASPV32SS-F
DN40	N/Closed	40	683	0	16	8	80	ASPV40SS-F
DN50	N/Closed	50	1183	0	16	8	80	ASPV50SS-F
DN65	N/Closed	65	1800	0	16	16	100	ASPV65SS-F
DN80	Double Acting	80	2667	0	16	16	125	ASPV80SS-F

OPTIONS

Visual Position Indicator 9 (Except DN80 double acting and Anti-water hammer flow 1 ⇒ 2 (Flow under seat))
 Normally Open Version (Except ASPV80SS double acting)
 Open Position Proximity Switch 12-24vDC (normally closed only ambient +70°C Max)
 Open and Closed mechanical position switches with LED 12-48vDC (PS)
 Modulating intelligent 4-20mA positioner LED Indication IP65 (M1)
 Modulating intelligent 4-20mA positioner LED Screen IP66 ATEX Ex nA II CT1-4 (M2)
 Flanged ANSI150Lb, JIS10K
 Normally Open, Double Acting, 3 Way and other custom made Flange options available upon request

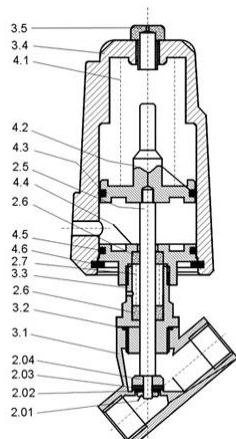
Included

CONSTRUCTION

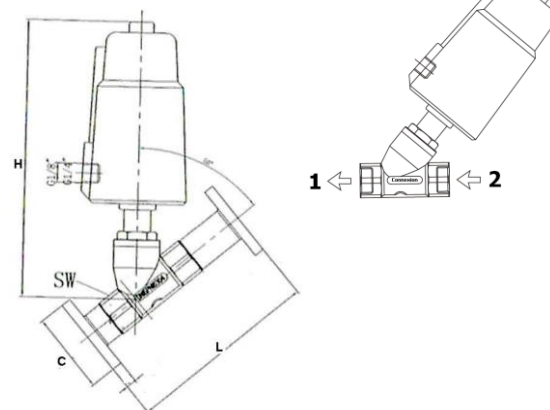
Body, Tube, Piston, Flange and internal parts: AISI316 (CF8M) stainless steel
 Actuator: AISI304 stainless steel (Rotation 360°)
 Seals and gaskets: Valve - PTFE Actuator - FKM
 Moulded coil : Resin

OVERALL DIMENSIONS

Parts List	
2.01 Bolt	
2.02 Orifice Plate Seal	
2.03 Disc Seal	
2.04 Disc	
2.5 Steam	
2.6 V Seal	
2.7 Spring	
3.1 Body	
3.2 Seal Ring	
3.3 Screw connector	
3.4 Cylinder	
3.5 Cover	
4.1 Spring	
4.2 Piston	
4.3 O ring	
4.4 Bonnet	
4.5 O Ring	
4.6 Bearing Ring	



DN	L	H	C	PCD	Actuator mm	Pilot BSP
15	172	138	95	65	40	1/8
20	182	154	105	75	50	1/8
25	196	168	115	85	50	1/8
32	228	200	140	100	63	1/8
40	228	215	150	110	80	1/8
50	250	230	165	125	80	1/8
65	295	268	185	145	100	1/4
80	320	325	200	160	125	1/4



M1 Modulating Controller

M2 Modulating Controller