

Media: gas – water – fluid – steam- vacuum
 Pressure range: 0 to 16 Bar Max
 Media temperature: -20°C to +200°C max
 Ambient temperature: -10°C to +80°C
 Media viscosity: 600 centistokes max
 Mounting: any position
 Pilot Media: air – inert gas
 Pilot Pressure: 5 to 9 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)	Pilot Air (Bar)	Flow Ltr/Min	Pressure (Bar) ΔP			Actuator (mm)	Part Number	
					Min	1↔2 Over Seat	1⇒2 Under seat			
DN10	N/Closed	11	4-5	58.3	0	16	13	40	ASPV10SS-F	
DN15	N/Closed	13	4-6	63.3	0	16	13	40	ASPV15SS-F	
DN20	N/Closed	17	4-6	113.3	0	16	13	50	ASPV20SS-F	
DN25	N/Closed	24	4-6	236.7	0	16	16	50	ASPV25SS-F	
DN32	N/Closed	30	4-6	390	0	16	6	63	ASPV32SS-F	
DN40	N/Closed	35	5-7	480	0	16	12	80	ASPV40SS-F	
DN50	N/Closed	45	6-9	780	0	16	8	80	ASPV50SS-F	
DN65	N/Closed	59	4-9	1246.7	0	16	4	100	ASPV65SS-F	
DN80	N/Closed	76	4-9	1783.3	0	16	0	125	ASPV80SS-F	
DN100	D/Acting	95	4-9	1966.7	0	16	7	160	ASPV100SS-DA	

OPTIONS

Visual Position Indicator and Anti-water hammer flow 1⇒2 (Flow under seat)
 Normally Open (-NO) or double acting Version (-DA) (Different pressure range)
 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,
 Stroke Limiter – Top manual adjustment wheel (Only available with normally closed valve)
 Tri clamp, Weld Ends and other custom-made options available upon request

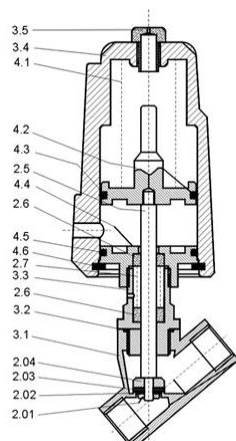
Included

CONSTRUCTION

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

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	A	B	L	D	E	N	n-F	P	H	C	Actuator mm	Q
15	140	144	163	24	65	19	4-14	95	14	2	40	1/8
20	150	150	182	31	75	26	4-14	105	16	2	50	1/8
25	158	155	192	39	85	33	4-14	115	16	2	50	1/8
32	198	190	204	45	100	39	4-18	140	18	2	63	1/8
40	215	195	227	52	110	46	4-18	150	18	2.5	80	1/8
50	224	210	233	66	125	59	4-18	165	18	2	80	1/8
65	290	270	240	88	145	78	4-18	185	19	2	100	1/4
80	330	310	258	102	160	91	8-18	200	20	2	125	1/4
100	390	380	316	122	180	110	8-18	220	22	2	160	1/4

