

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

DN15 – 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		
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 (Except DN80 is Double acting)
 Anti-water hammer flow 1 ⇒2 (Flow under seat)
 Normally Open Version (Except ASPV80SS double acting)
 Open Position Proximity Switch (Normally closed only)
 Open and Closed mechanical position switches with LED (normally closed only)
 Flanged ANSI150Lb, JIS10K
 Normally Open, Double Acting, 3 Way and other custom made Flange options available upon request

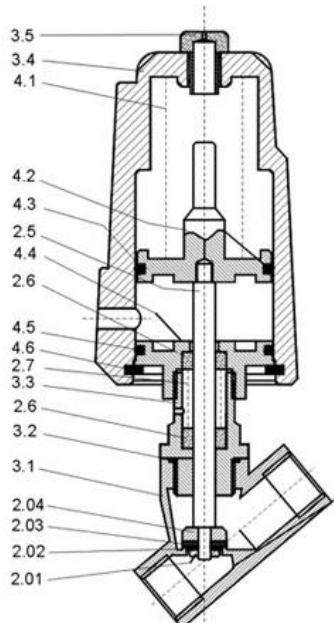
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CONSTRUCTION

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

