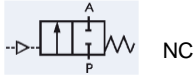


Media: water – gas – fluid – steam- vacuum  
 Pressure range: 0 to 16 Bar Max  
 Media temperature: -10°C to +200°C max  
 Ambient temperature: +5°C to +60°C  
 Media viscosity: 600 centistokes max  
 Mounting: any position  
 Pilot Media: air – water – gas  
 Pilot Pressure: 5 to 8 Bar



# Piston Stainless

## 3/8 - 3

### ANGLE SEAT PISTON VALVE

### 2 WAY AIR DIRECT ACTING

### 0 – 16 Bar

## Type ASPVSS-316



#### PRESSURE

| Ø Port BSP | Function | Ø Orifice (mm) | Flow Kv Ltr/Min | Pressure (Bar) |               |                | Actuator (mm) | Part Number  |
|------------|----------|----------------|-----------------|----------------|---------------|----------------|---------------|--------------|
|            |          |                |                 | Min            | 1↔2 Over Seat | 1⇒2 Under seat |               |              |
| 3/8        | N/Closed | 10             | 75              | 0              | 16            | 8              | 40            | ASPV10SS-316 |
| 1/2        | N/Closed | 15             | 90              | 0              | 16            | 8              | 40            | ASPV15SS-316 |
| 3/4        | N/Closed | 20             | 167             | 0              | 16            | 8              | 50            | ASPV20SS-316 |
| 1          | N/Closed | 25             | 253             | 0              | 16            | 8              | 50            | ASPV25SS-316 |
| 1 1/4      | N/Closed | 32             | 383             | 0              | 16            | 8              | 63            | ASPV32SS-316 |
| 1 1/2      | N/Closed | 40             | 683             | 0              | 16            | 8              | 80            | ASPV40SS-316 |
| 2          | N/Closed | 50             | 1183            | 0              | 16            | 8              | 80            | ASPV50SS-316 |
| 2 1/2      | N/Closed | 65             | 1800            | 0              | 16            | 16             | 100           | ASPV65SS-316 |
| 3          | D/Acting | 80             | 2667            | 0              | 16            | 16             | 125           | ASPV80SS-316 |

#### OPTIONS

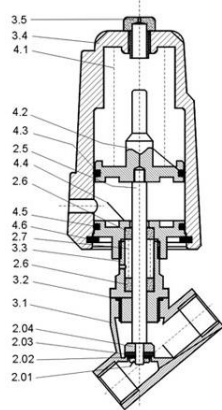
|   |   |
|---|---|
| Visual Position Indicator (Except 3" Double acting and Anti water Hammer flow 1 ⇒ 2 Flow under seat)<br>Normally Open Version<br>Open Position Proximity Switch 12-24vDC (normally closed only ambient +70°C Max)<br>Open and Closed mechanical position switches with LED 12-48vDC (PS)<br>Modulating intelligent 4-20mA positioner LED Indication IP65 (M1)<br>Modulating intelligent 4-20mA positioner LED Screen IP66 ATEX Ex nA II CT1-4 (M2)<br>double acting, 3 Way, flanged, 90-degree, manifold, PA6 plastic actuator, high pressure, NPT thread + other custom options. | <b>Included</b><br><br><br><br><br><br><br><br><br><b>TBA</b> |
|---|---|

#### CONSTRUCTION

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

#### 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 | Port  | L   | L1 | SW   | H   | D   | Act | Pilot | Kg   |
|----|-------|-----|----|------|-----|-----|-----|-------|------|
| 10 | 3/8   | 55  | 17 | 21   | 120 | 51  | 40  | 1/8   | 1.1  |
| 15 | 1/2   | 70  | 21 | 26.5 | 138 | 51  | 40  | 1/8   | 1.1  |
| 20 | 3/4   | 76  | 23 | 32   | 154 | 62  | 50  | 1/8   | 1.3  |
| 25 | 1     | 90  | 25 | 40   | 168 | 62  | 50  | 1/8   | 1.7  |
| 32 | 1 1/4 | 116 | 32 | 50   | 200 | 76  | 63  | 1/8   | 3.1  |
| 40 | 1 1/2 | 116 | 32 | 55.5 | 215 | 92  | 80  | 1/8   | 3.9  |
| 50 | 2     | 138 | 40 | 68.5 | 230 | 92  | 80  | 1/8   | 4.8  |
| 65 | 2 1/2 | 168 | 51 | 85   | 268 | 117 | 100 | 1/4   | 9.3  |
| 80 | 3     | 192 | 54 | 100  | 325 | 140 | 125 | 1/4   | 14.0 |

