

## DESCRIPTION

2 way normally closed angle seat valve pneumatically operated

## PRESENTATION

- High flow rate due to the angle seat configuration
- Anti-water hammer feature with the fluid entry below the seat
- Stainless steel and corrosion resistance body
- Orientable pneumatic actuator
- Self adjusting internal seal
- Optical position indicator
- Back pressure resistance capability
- Maintenance free sealing pack
- Universal mounting position

**USE:** Automation, heating, water, hot water, steam (180°C), aggressive and food fluid

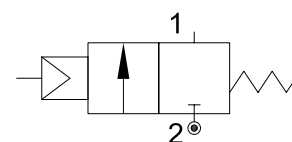
**CONNECTION:** from 1/2" to 1" GAS or NPT

## VALVE FEATURES

|                     |                          |
|---------------------|--------------------------|
| Fluid temperature   | -40°C +180°C             |
| Ambient temperature | -10°C +80°C              |
| Fluid viscosity     | max 600 cSt              |
| Body material       | Stainless steel AISI 316 |
| Seal                | PTFE                     |
| Packing gland       | PTFE/FKM                 |

## PILOT ACTUATOR FEATURES

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Fluid              | Dry or lubricated air, gases and neutral fluids |
| Fluid temperatures | max +60°C                                       |
| Body material      | Stainless steel AISI 316                        |
| Gaskets            | NBR                                             |
| Actuator           | Ø50                                             |

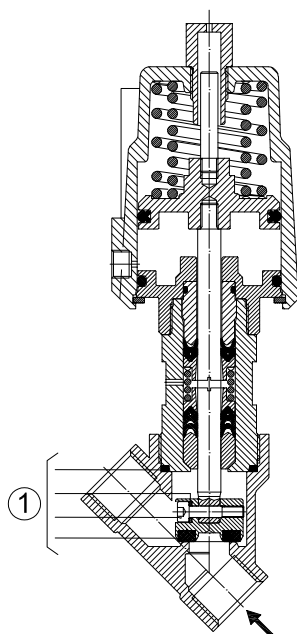


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| CODE<br>①     | Connection | Orifice<br>mm | Kv<br>l/min | Actuator pilot<br>pressure (bar) |     | Differential pressure<br>MOPD (bar) |     | Max allowable<br>pressure<br>PS (bar) | Weight<br>Kg |
|---------------|------------|---------------|-------------|----------------------------------|-----|-------------------------------------|-----|---------------------------------------|--------------|
|               | GAS - NPT  |               |             | min                              | max | min                                 | max |                                       |              |
| P150D...W15/V | 1/2"       | 15            | 80          | 5                                | 8   | 0                                   | 25  | 40                                    | 1.6          |
| P150E...W20/V | 3/4"       | 20            | 150         |                                  |     |                                     | 15  |                                       | 1.7          |
| P150F...W25/V | 1"         | 25            | 190         |                                  |     |                                     | 10  |                                       | 2.1          |

① G= GAS (ISO228/1)  
N= NPT (ANSI/ASME B1.20.1)

Ordination example: P150FGW25/V connection G1"



## MAINTENANCE KIT

|    |      |         |
|----|------|---------|
| 1. | 1/2" | R500078 |
|    | 3/4" | R500081 |
|    | 1"   | R500084 |

## OVERALL DIMENSION

| CONNECTION<br>GAS or NPT | A<br>mm | B<br>mm | C<br>mm | D<br>mm | H<br>mm | L<br>mm | T<br>mm |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|
| 1/2"                     | 190.6   | SW 27   | 156     | 15.4    | 139.7   | 65      | 17      |
| 3/4"                     | 190.8   | SW 32   | 162     | 21.4    | 139.8   | 75      | 19      |
| 1"                       | 200.3   | SW 41   | 168     | 25      | 146.6   | 90      | 20.5    |

