# Valve 2/2 way - angle seat/process valve Normally Open - Flow direction below the seat - pneumatically operated

**21IA4T15GA2 ÷ 21IA9T50GA2**

## PRESENTATION:

- Hight flow rate due to the angle seat configuration.
- Anti-water hammer feature with the fluid entry below the seat.
- Electrical operation is easy with the addition of a solenoid pilot.
- Stainless steel body and corrosion resistant actuator.
- The pneumatic actuator can be rotated through 360 degrees.
- Optical position indicator.
- Internal seals are self adjusting for long life.
- Easily convertible from N.C. to N.O. or double acting.
- Universal mounting - any mounting orientation is acceptable.



## USE:

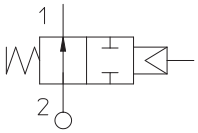
Automation, Heating, Water, Hot water, Steam (180°C), Aggressive and food fluids

## PIPES:

G 1/2 - G 2

## VALVE FEATURES:

| | |
|---|---|
| Fluid Temperature | - 40°C + 180°C |
| Ambient temperature | - 10°C + 80°C |
| Viscosity of the fluid | max 600 cSt |
| Material | Stainless steel AISI series 316 |
| Seal | PTFE |
| Packing gland | PTFE, FKM |




## PILOT ACTUATOR FEATURES:

| | |
|---|---|
| Fluid | Dry Air or lubrificated, gas and neutral fluids |
| Fluid Temperature | max + 60°C |
| Body | Polyamide 66 with 30% glass fibre |
| Gaskets | NBR |
| Actuator | Ø 70 |

| Pipe ISO 228/1 | Code | Ø mm | Kv | Actuator pilot pressure (bar) | | Differential pressure (bar) | | Max. allowable pressure | Weight |
|---|---|---|---|---|---|---|---|---|---|
| | | | l/mn | min | max | min | max | PS (bar) | Kg |
| G 1/2 | 21IA4T15GA2 | 15 | 80 | 1,5 | 10 | 0 | (See pressure graph) | 40 | 1,2 |
| G 3/4 | 21IA5T20GA2 | 20 | 150 | | | | | | 1,3 |
| G 1 | 21IA6T25GA2 | 25 | 190 | | | | | | 1,6 |
| G 1 1/4 | 21IA7T32GA2 | 32 | 340 | | | | | 25 | 2,2 |
| G 1 1/2 | 21IA8T40GA2 | 40 | 430 | | | | | | 2,5 |
| G 2 | 21IA9T50GA2 | 50 | 620 | | | | | 16 | 3,7 |

CE

**CE Approval**

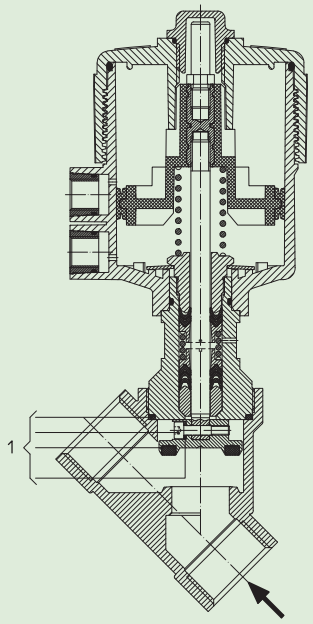
**(Pressure Equipment Directive 2014/68/EU )**

for Valve 21IA7 ÷ 21IA9

**Note**

Available on request pilot S.V. 31A2AV20+BDA (see catalogue page) | Together with male thread nipple male G 1/4 - G 1/4 | Material compatibility with the fluids to be checked.

The “ODE ” reserves the right to carry out technical and aesthetic modifications without prior notice.

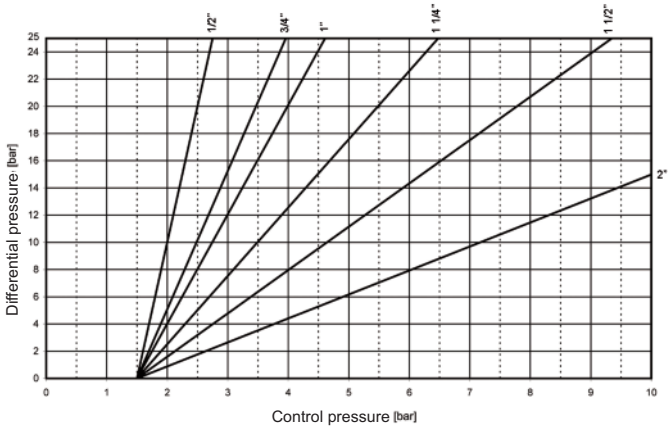



## MAINTENANCE KIT:

**1.**

| | |
|---|---|
| G 1/2 | R500045 |
| G 3/4 | R500048 |
| G 1 | R500051 |
| G 1 1/4 | R500054 |
| G 1 1/2 | R500057 |
| G 2 | R500060 |

Operating pressure




## DIMENSIONS:

| Pipe ISO 228/1 | A mm | B mm | C mm | D mm | H mm | L mm | T mm |
|---|---|---|---|---|---|---|---|
| G 1/2 | 206,8 | SW 27 | 178,7 | 15,4 | 163,3 | 65 | 17 |
| G 3/4 | 211,7 | SW 32 | 188,6 | 21,9 | 166,7 | 75,5 | 19 |
| G 1 | 220,1 | SW 41 | 197,8 | 25,1 | 172,7 | 90 | 21 |
| G 1 1/4 | 235,9 | SW 50 | 212,3 | 28,5 | 183,8 | 110 | 24 |
| G 1 1/2 | 238,9 | SW 55 | 217,0 | 31,0 | 186 | 122 | 25,2 |
| G 2 | 247,8 | SW 70 | 229,7 | 37,5 | 192,2 | 151 | 28,5 |

