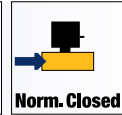


# 2/2

## VALVES FOR ALL FLUIDS AND AIR AIR OPERATED



316L S.STEEL BODY / 304 S.STEEL ACTUATOR



### PIPE MOUNTING

#### NORMALLY CLOSED

| Port size | Orifice Ø | Actuator size | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |                            | Pilot Control Pressure Min / Max | Flow Direction             | Solenoid Valve Order Number |     |     |            |                            |                            |
|-----------|-----------|---------------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|----------------------------|----------------------------------|----------------------------|-----------------------------|-----|-----|------------|----------------------------|----------------------------|
|           |           |               | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C                     |                                  |                            |                             |     |     |            |                            |                            |
| 3/8"      | 13        | 32            | 78           | 4.70    | -        | PTFE      | 2-22      | 0                               | 16      | -10         | 180                        | 4.5-6                            | Over Seat                  | PA10C1G3R032S <sub>1</sub>  |     |     |            |                            |                            |
|           |           | 0             |              |         |          |           |           | 6                               | -10     | 180         | 5-6                        | Under Seat                       | PA10C2G3R032S <sub>1</sub> |                             |     |     |            |                            |                            |
|           |           | 0             |              |         |          |           |           | 16                              | -10     | 180         | 3                          | Over Seat                        | PA10S1G3R050S <sub>2</sub> |                             |     |     |            |                            |                            |
| 0         | 16        | -10           |              |         |          |           |           | 180                             | 4.5     | Under Seat  | PA10SAG3R050S <sub>2</sub> |                                  |                            |                             |     |     |            |                            |                            |
| 1/2"      | 13        | 32            |              |         |          |           |           | 78                              | 4.70    | -           | PTFE                       | 2-22                             | 0                          | 16                          | -10 | 180 | 4.5-6      | Over Seat                  | PA15C1G4R032S <sub>1</sub> |
|           |           | 0             |              |         |          |           |           |                                 |         |             |                            |                                  | 6                          | -10                         | 180 | 5-6 | Under Seat | PA15C2G4R032S <sub>1</sub> |                            |
|           |           | 0             | 16           | -10     | 180      | 4         | Over Seat |                                 |         |             |                            |                                  | PA15S1G4R040S <sub>2</sub> |                             |     |     |            |                            |                            |
|           |           | 0             | 16           | -10     | 180      | 3         | Over Seat |                                 |         |             |                            |                                  | PA15S1G4R050S <sub>2</sub> |                             |     |     |            |                            |                            |
|           |           | 50            | 78           | 4.70    | -        | PTFE      | 2-22      |                                 |         |             |                            |                                  | 0                          | 16                          | -10 | 180 | 4.5        | Under Seat                 | PA15SAG4R050S <sub>2</sub> |

+ ATEX

#### Notes:

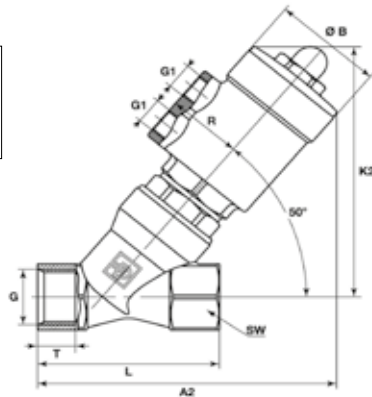
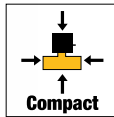
1. Drawing number 1
2. Drawing number 2

Fast Delivery

For liquids use valve with flow direction under the seat. Maximum pressure for steam: 4 Bar (140°C) to avoid anti water hammer effect.



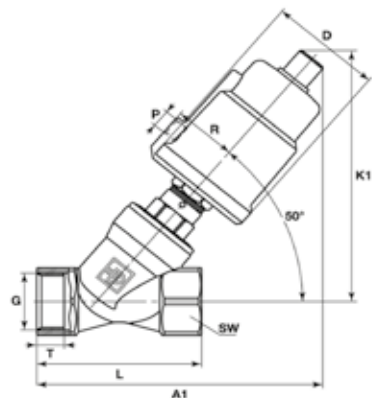
N° 1



| G      | Actuator | Ø B  | R  | G1   | K2                        | A2                        | L  | T    | SW         |
|--------|----------|------|----|------|---------------------------|---------------------------|----|------|------------|
| G 3/8" | 32       | 39.6 | 27 | G1/8 | Type C1/C2 (180°C)<br>107 | Type C1/C2 (180°C)<br>117 | 60 | 10   | 22 hexagon |
| G 1/2" | 32       | 39.6 | 27 | G1/8 | 109                       | 119                       | 65 | 11.5 | 25 hexagon |



N° 2



| G      | Actuator | D    | R  | P    | K1  | A1  | L  | T    | SW         |
|--------|----------|------|----|------|-----|-----|----|------|------------|
| G 3/8" | 40       | 50.5 | 27 | G1/8 | 116 | 121 | 60 | 10   | 22 hexagon |
|        | 50       | 62   | 34 | G1/8 | 130 | 133 | 60 | 10   | 22 hexagon |
| G 1/2" | 40       | 50.5 | 27 | G1/8 | 118 | 124 | 65 | 11.5 | 25 hexagon |
|        | 50       | 62   | 34 | G1/8 | 131 | 135 | 65 | 11.5 | 25 hexagon |

Please select pilot control valves within page 60  
Warning : Check minimum operating control pressure page 40

# ARA®

## PNEUMATIK

53-012 Wrocław tel. 71 364 72 82  
ul. Wyścigowa 38 fax 71 364 72 83

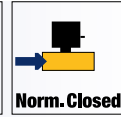
www.arapneumatik.pl



# 2/2

## VALVES FOR ALL FLUIDS AND AIR

### AIR OPERATED



All Fluids & Air

316L S.STEEL BODY / 304 S.STEEL ACTUATOR



### PIPE MOUNTING

#### NORMALLY CLOSED

| Port size | Orifice Ø | Actuator size | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |            | Fluid Temp.                |        | Pilot Control Pressure Min / Max | Flow Direction | Solenoid Valve Order Number |
|-----------|-----------|---------------|--------------|---------|----------|-----------|-----------|---------------------------------|------------|----------------------------|--------|----------------------------------|----------------|-----------------------------|
|           |           |               | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar    | Min °C                     | Max °C |                                  |                |                             |
| 3/4"      | 15        | 32            | 90           | 5.40    | -        | PTFE      | 2-22      | 0                               | 14         | -10                        | 180    | 4.5-6                            | Over Seat      | PA20C1G5R032S <sub>1</sub>  |
|           | 18        | 50            | 150          | 9.00    |          |           |           | 0                               | 4          | -10                        | 180    | 5-6                              | Under Seat     | PA20C2G5R032S <sub>1</sub>  |
|           |           |               |              |         |          |           |           | 0                               | 16         | -10                        | 180    | 3-4                              | Over Seat      | PA20S1G5R050S <sub>2</sub>  |
| 1"        | 24        | 63            | 267          | 16.00   |          |           |           | 0                               | 10         | -10                        | 180    | 4.5                              | Under Seat     | PA20SAG5R050S <sub>2</sub>  |
|           |           |               |              |         |          |           |           | 0                               | 16         | -10                        | 180    | 3-5.5                            | Over Seat      | PA25S1G6R063S <sub>2</sub>  |
|           | 0         | 16            | -10          | 180     |          |           |           | 3-3.5                           | Over Seat  | PA25S1G6R063S <sub>2</sub> |        |                                  |                |                             |
| 1 1/4"    | 31        | 80            | 400          | 24.00   |          |           |           | 0                               | 8          | -10                        | 180    | 4.5                              | Under Seat     | PA25SAG6R063S <sub>2</sub>  |
|           |           |               |              |         |          |           |           | 0                               | 16         | -10                        | 180    | 3-5                              | Over Seat      | PA32S1G7R063S <sub>2</sub>  |
|           | 0         | 11            | -10          | 180     |          |           |           | 4                               | Under Seat | PA32SAG7R080S <sub>2</sub> |        |                                  |                |                             |

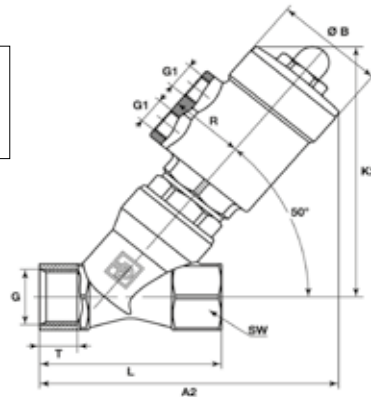
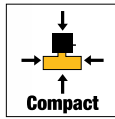
+ ATEX

#### Notes:

- Drawing number 1
- Drawing number 2

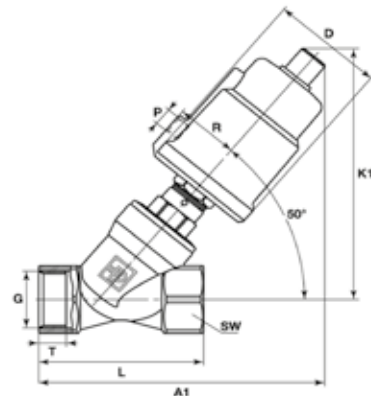
Fast Delivery

For liquids use valve with flow direction under the seat to avoid anti water hammer effect.



| G      | Actuator | Ø B  | R  | G1   | K2                 | A2                 | L  | T  | SW         |
|--------|----------|------|----|------|--------------------|--------------------|----|----|------------|
| G 3/4" | 32       | 39.6 | 27 | G1/8 | Type C1/C2 (180°C) | Type C1/C2 (180°C) | 75 | 14 | 31 hexagon |

N° 1



| G       | Actuator | D  | R    | P    | K1  | A1  | L   | T  | SW         |
|---------|----------|----|------|------|-----|-----|-----|----|------------|
| G 3/4"  | 50       | 62 | 34   | G1/8 | 134 | 141 | 75  | 14 | 31 hexagon |
| G 1"    | 50       | 62 | 34   | G1/8 | 141 | 153 | 90  | 15 | 39 hexagon |
|         | 63       | 77 | 41.5 | G1/8 | 164 | 175 | 90  | 15 | 39 hexagon |
| G1-1/4" | 63       | 77 | 41.5 | G1/8 | 170 | 188 | 110 | 18 | 50 octagon |
|         | 80       | 98 | 52   | G1/4 | 184 | 205 | 110 | 18 | 50 octagon |

N° 2

Please select pilot control valves within page 60  
Warning : Check minimum operating control pressure page 40



2 WAY VALVES