



The Parker 2 way valves (1 way for inlet and 1 way for outlet) for all fluids, including air, offer large possibilities to control many kinds of fluids with different sealing and flow capabilities. According to the installation and requirements, a wide selection of robust valves is proposed to fulfill the most demanding needs.

Typical applications are:

- Shut off valves
- Filling
- Dosing
- Air handling
- Mixing

These applications can be found in many markets where reliability and performances are key factors like in industries, water treatment, transportation, medical, process, etc...

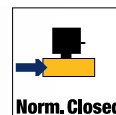
| Actuation                                         | Body                                                    | Function        | Specification                      | Port Size      | Orifice (mm) | MOPD (bar) | Page |
|---------------------------------------------------|---------------------------------------------------------|-----------------|------------------------------------|----------------|--------------|------------|------|
| Direct Operated<br>(No minimum pressure required) | Brass/ Pipe Mounting                                    | Normally Closed | -                                  | 1/8" to 1/4"   | 2 to 6       | 15         | 8    |
|                                                   |                                                         |                 | High Performance                   | 1/4" to 1/2"   | 1.2 to 11    | 80         | 10   |
|                                                   |                                                         |                 | High Performance / Manual override | 1/4"           | 3 to 4       | 10         | 16   |
|                                                   |                                                         | Normally Open   | High Performance                   | 1/4"           | 1.5 to 2.5   | 30         | 17   |
|                                                   | 316L Stainless St./ Pipe Mounting                       | Normally Closed | -                                  | 1/8" to 1/2"   | 1.5 to 5     | 20         | 18   |
|                                                   |                                                         | Normally Open   | -                                  | 1/4"           | 3            | 6          | 19   |
| Pilot Operated<br>(Minimum pressure required)     | Brass/ Pipe Mounting                                    | Normally Closed | Compact / High flow                | 1/4" to 1/2"   | 11           | 10         | 20   |
|                                                   |                                                         |                 | Easy Maintenance                   | 1/4" to 1"     | 12 to 18     | 10         | 22   |
|                                                   |                                                         |                 | For Air / Neutral Gases            | 3/8" to 1"     | 13 to 25     | 16         | 26   |
|                                                   |                                                         |                 | High Flow / High Pressure          | 1/4" to 1/2"   | 8 to 15      | 40         | 27   |
|                                                   |                                                         | Normally Open   | Easy Maintenance                   | 1/4" to 3/4"   | 12 to 18     | 12         | 29   |
|                                                   |                                                         |                 | High Flow / High Pressure          | 1/2"           | 15           | 40         | 30   |
|                                                   |                                                         |                 | High Performance                   | 1/2"           | 15           | 15         | 31   |
| Magnalift<br>(No minimum pressure - High flow)    | Brass/ Pipe Mounting                                    | Normally Closed | -                                  | 3/8" to 1"     | 13 to 25     | 5          | 32   |
|                                                   |                                                         |                 | High Performance                   | 3/8" to 1"     | 15 to 25     | 16         | 33   |
|                                                   | 316L Stainless St./ Pipe Mounting                       | Normally Closed | -                                  | 3/8" to 1"     | 15 to 24     | 10         | 35   |
| Air Operated                                      | 316L S.Steel Body / 304 S.Steel Actuator/ Pipe Mounting | Normally Closed | Angle Seat Valve - Air operated    | 3/8" to 1-1/4" | 13 to 31     | 16         | 36   |
|                                                   |                                                         | Normally Open   | Angle Seat Valve - Air operated    | 3/8" to 1-1/4" | 13 to 31     | 16         | 38   |
|                                                   | 316L S.Steel Body / Aluminium Actuator/ Pipe Mounting   | Normally Closed | Angle Seat Valve - Air operated    | 1/2" to 1"     | 13 to 24     | 16         | 39   |

**ARA<sup>®</sup>**  
**P N E U M A T I K**  
 53-012 Wrocław tel. 71 364 72 82  
 ul. Wyścigowa 38 fax 71 364 72 83  
[www.arapneumatik.pl](http://www.arapneumatik.pl)

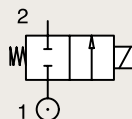


# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED



### BRASS PIPE MOUNTING NORMALLY CLOSED

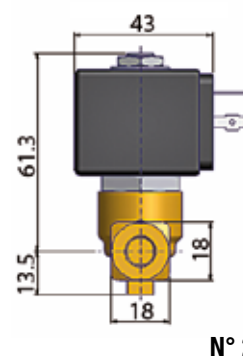
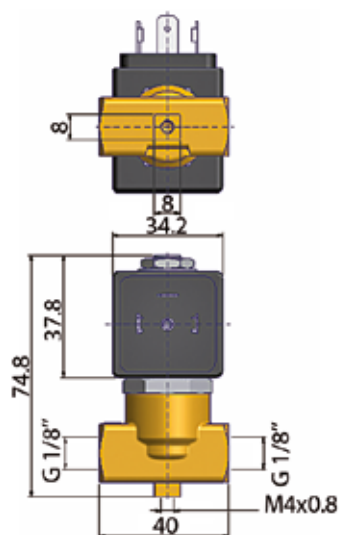
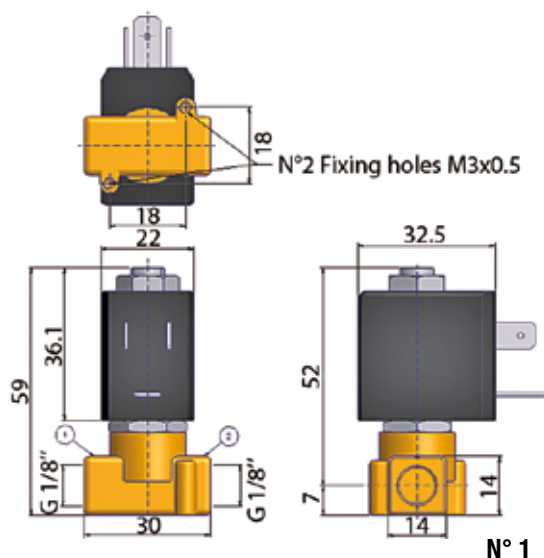


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage      | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|--------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |              |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |              |                             |
| 1/8"      | 2         | 1.5          | 0.09    | -        | FKM       | -         | 0                               | 15      | -10         | 140    | 4.5   | 230V/50-60Hz | 550193DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 140    | 5     | 24 Vdc       | 550058DIS <sub>1</sub>      |
|           | 2.5       | 2.2          | 0.13    |          |           |           | 0                               | 10      | -10         | 140    | 4.5   | 230V/50-60Hz | 550059DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0                               | 4       | -10         | 140    | 5     | 24 Vdc       | 550194DIS <sub>1</sub>      |
|           |           | 3.3          | 0.20    |          |           |           | 0                               | 10      | -10         | 140    | 9     | 230V/50-60Hz | 550094DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 5       | -10         | 140    | 12    | 24 Vdc       | 550093DIS <sub>2</sub>      |
|           |           | 4.5          | 0.27    |          |           |           | 0                               | 7       | -10         | 140    | 9     | 230V/50-60Hz | 550096DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 2       | -10         | 140    | 12    | 24 Vdc       | 550095DIS <sub>2</sub>      |

#### Notes:

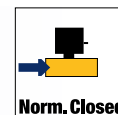
1. Drawing number 1
2. Drawing number 2

Fast Delivery



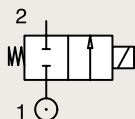
# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED



All Fluids & Air

### BRASS PIPE MOUNTING NORMALLY CLOSED

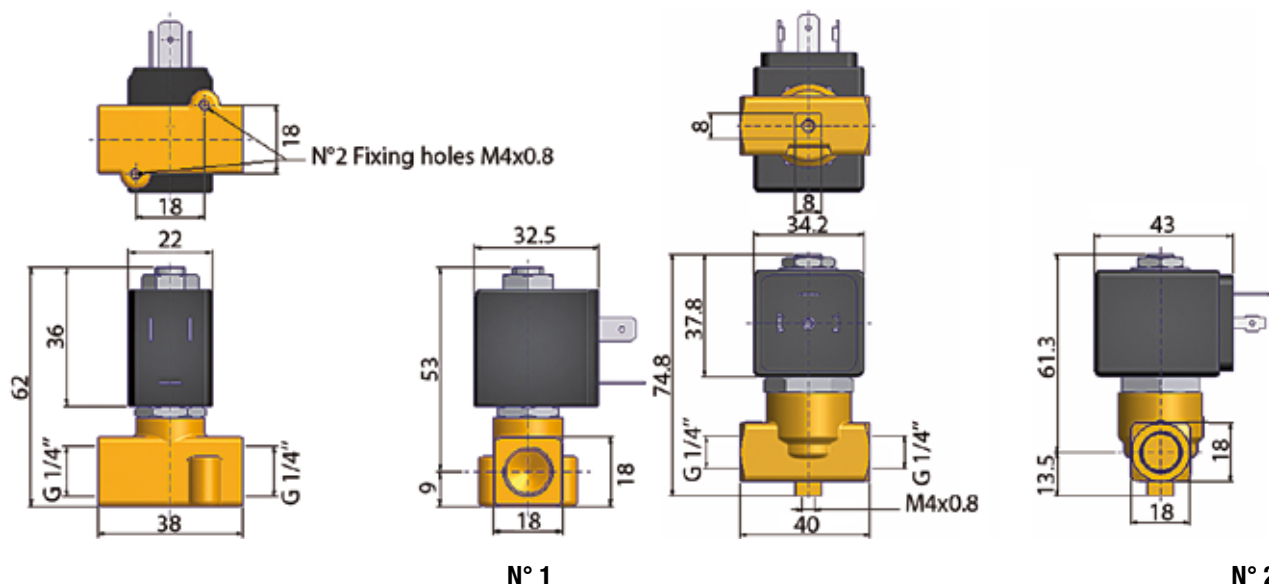


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage      | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|--------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |              |                             |
| 1/4"      | 2.5       | 2.3          | 0.14    | -        | FKM       | -         | 0                               | 10      | -10         | 140    | 4.5   | 230V/50-60Hz | 550061DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0                               | 4       | -10         | 140    | 5     | 24 Vdc       | 550060DIS <sub>1</sub>      |
|           |           | 3.3          | 0.20    |          |           |           | 0                               | 10      | -10         | 140    | 9     | 230V/50-60Hz | 550098DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 10      | -10         | 140    | 12    | 24 Vdc       | 550097DIS <sub>2</sub>      |
|           | 3         | 4.5          | 0.27    |          |           |           | 0                               | 7       | -10         | 140    | 9     | 230V/50-60Hz | 550100DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 2       | -10         | 140    | 12    | 24 Vdc       | 550099DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 6       | -10         | 140    | 14    | 230V/50-60Hz | 550196DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 2.5     | -10         | 140    | 16    | 24 Vdc       | 550092DIS <sub>2</sub>      |
|           |           | 4.5          | 0.53    |          |           |           | 0                               | 6       | -10         | 140    | 14    | 230V/50-60Hz | 550091DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 1       | -10         | 140    | 16    | 24 Vdc       | 550195DIS <sub>2</sub>      |
|           | 6         | 13           | 0.75    |          |           |           |                                 |         |             |        |       |              |                             |

#### Notes:

1. Drawing number 1
2. Drawing number 2

Fast Delivery

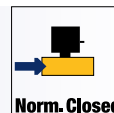


N° 1

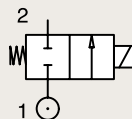
N° 2

# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED

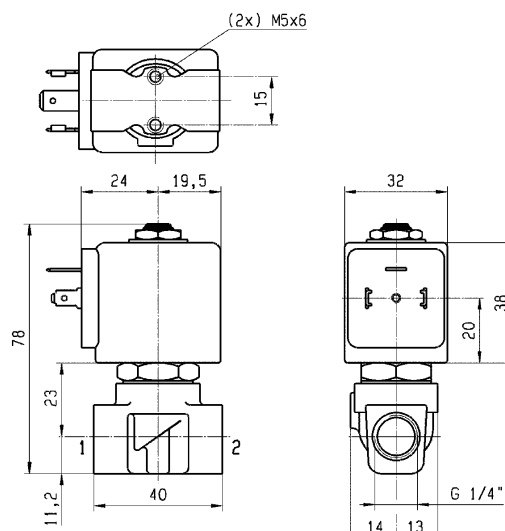


### BRASS PIPE MOUNTING NORMALLY CLOSED



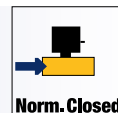
| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |      |      |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|------|------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |      |      |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |      |      |
| 1/4"      | 1.2       | 0.85         | 0.05    | 50       | Ruby      | -         | 0                               | 80      | -30         | 100    | 8     | 220-230V/50Hz | E121K65-2995-4818653D       | ☞    |      |
|           |           |              |         |          |           |           | 0                               | 36      | -30         | 100    | 9     | 24 Vdc        | E121K65-2995-481865C2       |      | ALEX |
|           |           |              |         |          |           | 2-22      | 0                               | 80      | -30         | 65     | 8     | 220-230V/50Hz | E121K65-2995-4958703D       | ALEX |      |
|           |           |              |         |          |           |           | 0                               | 36      | -30         | 65     | 9     | 24 Vdc        | E121K65-2995-495870C2       |      |      |
|           |           |              |         |          |           | 1-21      | 0                               | 80      | -30         | 80     | 8     | 230V/50Hz     | E121K65-495905F4            | ALEX |      |
|           |           |              |         |          |           |           | 0                               | 36      | -30         | 80     | 8     | 24 Vdc        | E121K65-495905C2            |      |      |
|           | 1.5       | 1.5          | 0.09    | 80       | PCTFE     | -         | 0                               | 60      | -30         | 75     | 8     | 220-230V/50Hz | E121K04-2995-4818653D       | ☞    |      |
|           |           |              |         |          |           |           | 0                               | 25      | -30         | 75     | 9     | 24 Vdc        | E121K04-2995-481865C2       |      | ALEX |
|           |           |              |         |          |           | 2-22      | 0                               | 60      | -30         | 65     | 8     | 220-230V/50Hz | E121K04-2995-4958703D       | ALEX |      |
|           |           |              |         |          |           |           | 0                               | 25      | -30         | 65     | 9     | 24 Vdc        | E121K04-2995-495870C2       |      |      |
|           |           |              |         |          |           | 1-21      | 0                               | 60      | -30         | 75     | 8     | 230V/50Hz     | E121K04-495905F4            | ALEX |      |
|           |           |              |         |          |           |           | 0                               | 25      | -30         | 75     | 8     | 24 Vdc        | E121K04-495905C2            |      |      |

Fast Delivery



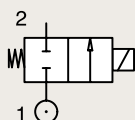
# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED



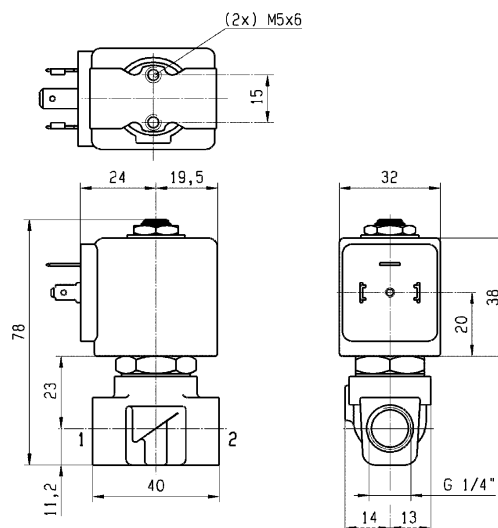
All Fluids & Air

### BRASS PIPE MOUNTING NORMALLY CLOSED



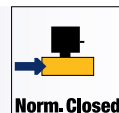
| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| 1/4"      | 2.5       | 3.5          | 0.21    | 220      | FKM       | -         | 0                               | 14      | -10         | 100    | 8     | 220-230V/50Hz | 121K0706-2995-4818653D      |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 100    | 9     | 24 Vdc        | 121K0706-2995-481865C2      |
|           |           |              |         |          |           |           | 0                               | 12      | -10         | 120    | 14    | 24 Vdc        | 121K0706-2995-492425C2      |
|           |           |              |         |          |           | 2-22      | 0                               | 14      | -10         | 65     | 8     | 220-230V/50Hz | 121K0706-2995-4958703D      |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 65     | 9     | 24 Vdc        | 121K0706-2995-495870C2      |
|           |           |              |         |          |           |           | 0                               | 14      | -10         | 80     | 8     | 230V/50Hz     | 121K0706-495905F4           |
|           |           |              |         |          | Ruby      | 1-21      | 0                               | 7       | -10         | 80     | 8     | 24 Vdc        | 121K0706-495905C2           |
|           |           |              |         |          |           |           | 0                               | 28      | -30         | 100    | 8     | 220-230V/50Hz | E121K63-2995-4818653D       |
|           |           |              |         |          |           |           | 0                               | 10      | -30         | 100    | 9     | 24 Vdc        | E121K63-2995-481865C2       |
|           |           |              |         |          |           | 2-22      | 0                               | 28      | -30         | 65     | 8     | 220-230V/50Hz | E121K63-2995-4958703D       |
|           |           |              |         |          |           |           | 0                               | 10      | -30         | 65     | 9     | 24 Vdc        | E121K63-2995-495870C2       |
|           |           |              |         |          |           |           | 0                               | 28      | -30         | 80     | 8     | 230V/50Hz     | E121K63-495905F4            |
|           |           |              |         |          |           | 1-21      | 0                               | 10      | -30         | 80     | 8     | 24 Vdc        | E121K63-495905C2            |

Fast Delivery

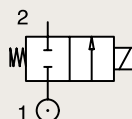


# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED

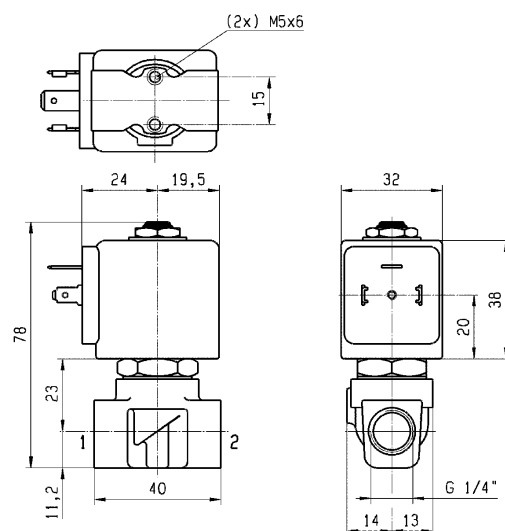


### BRASS PIPE MOUNTING NORMALLY CLOSED



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |      |      |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|------|------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |      |      |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |      |      |
| 1/4"      | 3         | 4.5          | 0.27    | 320      | PCTFE     | -         | 0                               | 20      | -30         | 75     | 8     | 220-230V/50Hz | E121K03-2995-4818653D       | ATEX |      |
|           |           |              |         |          |           |           | 0                               | 7       | -30         | 75     | 9     | 24 Vdc        | E121K03-2995-481865C2       |      |      |
|           |           |              |         |          |           | 2-22      | 0                               | 20      | -30         | 65     | 8     | 220-230V/50Hz | E121K03-2995-4958703D       |      | ATEX |
|           |           |              |         |          |           |           | 0                               | 7       | -30         | 65     | 9     | 24 Vdc        | E121K03-2995-495870C2       |      |      |
|           |           |              |         |          |           | 1-21      | 0                               | 20      | -30         | 75     | 8     | 230V/50Hz     | E121K03-495905F4            |      | ATEX |
|           |           |              |         |          |           |           | 0                               | 7       | -30         | 75     | 8     | 24 Vdc        | E121K03-495905C2            |      |      |
|           |           |              |         |          | FKM       | -         | 0                               | 10      | -10         | 100    | 8     | 220-230V/50Hz | E121K0302-2995-4818653D     | ATEX |      |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 100    | 9     | 24 Vdc        | E121K0302-2995-481865C2     |      |      |
|           |           |              |         |          |           | 2-22      | 0                               | 10      | -10         | 65     | 8     | 220-230V/50Hz | E121K0302-2995-4958703D     |      | ATEX |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 65     | 9     | 24 Vdc        | E121K0302-2995-495870C2     |      |      |
|           |           |              |         |          |           | 1-21      | 0                               | 10      | -10         | 80     | 8     | 230V/50Hz     | E121K0302-495905F4          |      | ATEX |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 80     | 8     | 24 Vdc        | E121K0302-495905C2          |      |      |
|           |           |              |         |          | Ruby      | -         | 0                               | 20      | -30         | 100    | 8     | 220-230V/50Hz | E121K64-2995-4818653D       | ATEX |      |
|           |           |              |         |          |           |           | 0                               | 7       | -30         | 100    | 9     | 24 Vdc        | E121K64-2995-481865C2       |      |      |
|           |           |              |         |          |           | 2-22      | 0                               | 20      | -30         | 65     | 8     | 220-230V/50Hz | E121K64-2995-4958703D       |      | ATEX |
|           |           |              |         |          |           |           | 0                               | 7       | -30         | 65     | 9     | 24 Vdc        | E121K64-2995-495870C2       |      |      |
|           |           |              |         |          |           | 1-21      | 0                               | 20      | -30         | 80     | 8     | 230V/50Hz     | E121K64-495905F4            |      | ATEX |
|           |           |              |         |          |           |           | 0                               | 7       | -30         | 80     | 8     | 24 Vdc        | E121K64-495905C2            |      |      |

Fast Delivery



# 2/2

## VALVES FOR ALL FLUIDS AND AIR

### DIRECT OPERATED

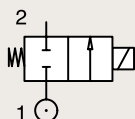


All Fluids & Air

BRASS

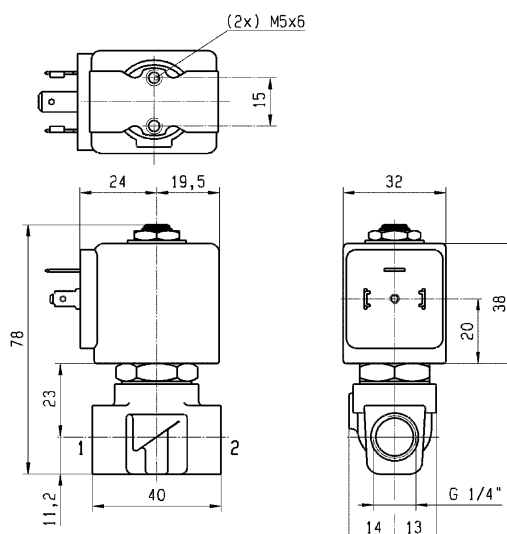
PIPE MOUNTING

NORMALLY CLOSED



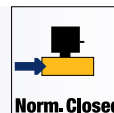
| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |      |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |      |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |      |
| 1/4"      | 4         | 7.5          | 0.45    | 480      | FKM       | -         | 0                               | 10      | -10         | 100    | 8     | 220-230V/50Hz | 121K02-2995-4818653D        | CE   |
|           |           |              |         |          |           |           | 0                               | 10      | -10         | 120    | 14    | 230V/50Hz     | 121K02-2995-492425F4        |      |
|           |           |              |         |          |           |           | 0                               | 4       | -10         | 100    | 9     | 24 Vdc        | 121K02-2995-481865C2        |      |
|           |           |              |         |          |           |           | 0                               | 10      | -10         | 120    | 14    | 24 Vdc        | 121K02-2995-492425C2        |      |
|           |           |              |         |          |           | 2-22      | 0                               | 10      | -10         | 65     | 8     | 220-230V/50Hz | 121K02-2995-4958703D        | ATEX |
|           |           |              |         |          |           |           | 0                               | 4       | -10         | 65     | 9     | 24 Vdc        | 121K02-2995-495870C2        |      |
|           |           |              |         |          |           | 1-21      | 0                               | 10      | -10         | 80     | 8     | 230V/50Hz     | 121K02-495905F4             |      |
|           |           |              |         |          |           |           | 0                               | 4       | -10         | 80     | 8     | 24 Vdc        | 121K02-495905C2             |      |
|           | 5         | 11           | 0.66    | 750      |           | -         | 0                               | 7       | -10         | 100    | 8     | 220-230V/50Hz | 121K01-2995-4818653D        | CE   |
|           |           |              |         |          |           |           | 0                               | 2       | -10         | 100    | 9     | 24 Vdc        | 121K01-2995-481865C2        |      |
|           |           |              |         |          |           |           | 0                               | 5       | -10         | 120    | 14    | 24 Vdc        | 121K01-2995-492425C2        |      |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 65     | 8     | 220-230V/50Hz | 121K01-2995-4958703D        |      |
|           |           |              |         |          |           | 2-22      | 0                               | 2       | -10         | 65     | 9     | 24 Vdc        | 121K01-2995-495870C2        | ATEX |
|           |           |              |         |          |           |           | 0                               | 7       | -10         | 80     | 8     | 230V/50Hz     | 121K01-495905F4             |      |
|           |           |              |         |          |           | 1-21      | 0                               | 2       | -10         | 80     | 8     | 24 Vdc        | 121K01-495905C2             |      |
|           |           |              |         |          |           |           |                                 |         |             |        |       |               |                             |      |

Fast Delivery

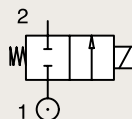


# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED

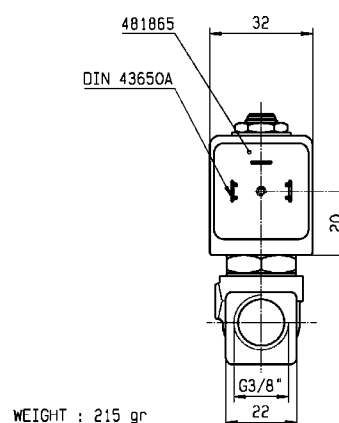
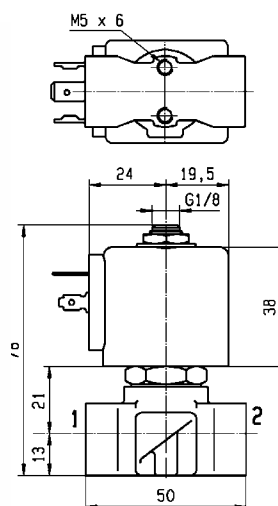


### BRASS PIPE MOUNTING NORMALLY CLOSED



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power  | Voltage           | Solenoid Valve Order Number |     |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|--------|-------------------|-----------------------------|-----|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |        |                   |                             |     |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W      |                   |                             |     |
| 3/8"      | 5         | 11           | 0.66    | 750      | FKM       | -         | 0                               | 7       | -10         | 100    | 8      | 220-230V/50Hz     | 121K3106-2995-4818653D      | CE  |
|           |           |              |         |          |           |           | 0                               | 2       | -10         | 100    | 9      | 24 Vdc            | 121K3106-2995-481865C2      |     |
|           |           |              |         |          |           |           | 0                               | 5       | -10         | 120    | 14     | 24 Vdc            | 121K3106-2995-492425C2      |     |
|           |           |              |         |          |           | 2-22      | 0                               | 7       | -10         | 65     | 8      | 220-230V/50Hz     | 121K3106-2995-4958703D      | AEX |
|           |           |              |         |          |           |           | 0                               | 2       | -10         | 65     | 9      | 24 Vdc            | 121K3106-2995-495870C2      |     |
|           |           |              |         |          |           | 1-21      | 0                               | 7       | -10         | 80     | 8      | 230V/50Hz         | 121K3106-495905F4           | AEX |
|           |           |              |         |          |           |           | 0                               | 2       | -10         | 80     | 8      | 24 Vdc            | 121K3106-495905C2           |     |
|           |           |              |         |          |           | 6         | 12                              | 0.72    | 1100        | -      | 0      | 5                 | -10                         | 120 |
|           | 0         | 5            | -10     | 120      |           |           |                                 |         |             |        | 14     | 230V/50Hz         | 121K3306-2995-492425F4      |     |
|           | 0         | 1.1          | -10     | 120      |           |           |                                 |         |             |        | 9      | 24 Vdc            | 121K3306-2995-481865C2      |     |
|           | 2-22      | 0            | 3       | -10      |           |           |                                 |         |             | 120    | 14     | 24 Vdc            | 121K3306-2995-492425C2      | AEX |
|           |           | 0            | 5       | -10      |           |           |                                 |         |             | 65     | 8      | 220-230V/50Hz     | 121K3306-2995-4958703D      |     |
|           | 1-21      | 0            | 1.1     | -10      |           |           |                                 |         |             | 65     | 9      | 24 Vdc            | 121K3306-2995-495870C2      | AEX |
|           |           | 0            | 5       | -10      |           |           |                                 |         |             | 80     | 8      | 230V/50Hz         | 121K3306-495905F4           |     |
|           | 0         | 1.1          | -10     | 80       |           |           |                                 |         |             | 8      | 24 Vdc | 121K3306-495905C2 |                             |     |

Fast Delivery

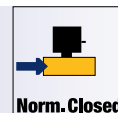


WEIGHT : 215 gr

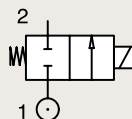


# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED

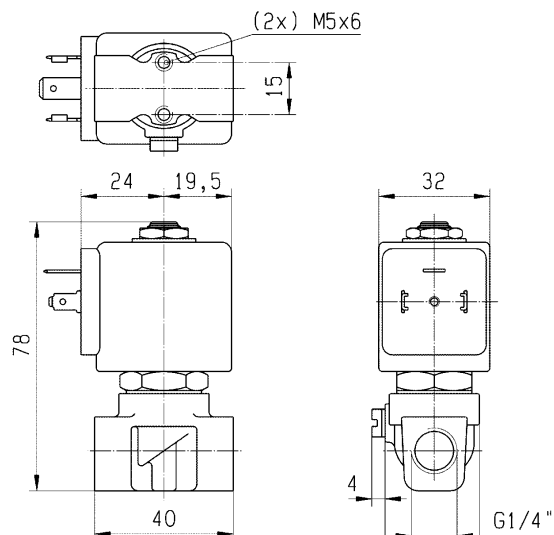


### BRASS PIPE MOUNTING NORMALLY CLOSED



| Port size | Orifice Ø | Flow factors |            |             | Seat Seal | Atex Zone | Operating Pressure Differential |            | Fluid Temp. |           | Power | Voltage       | Solenoid Valve Order Number |     |
|-----------|-----------|--------------|------------|-------------|-----------|-----------|---------------------------------|------------|-------------|-----------|-------|---------------|-----------------------------|-----|
|           |           | Kv<br>l/min  | KV<br>m³/h | Qn<br>l/min |           |           | Min<br>bar                      | Max<br>bar | Min<br>°C   | Max<br>°C |       |               |                             |     |
| BSP       | mm        |              |            |             |           |           |                                 |            |             |           | W     |               |                             |     |
| 1/4"      | 3         | 4.5          | 0.27       | 320         | FKM       | -         | 0                               | 10         | -10         | 100       | 8     | 220-230V/50Hz | E121K0352-2995-4818653D     | ☞   |
|           |           |              |            |             |           |           | 0                               | 7          | -10         | 100       | 9     | 24 Vdc        | E121K0352-2995-481865C2     |     |
|           |           |              |            |             |           | 2-22      | 0                               | 10         | -10         | 65        | 8     | 220-230V/50Hz | E121K0352-2995-4958703D     | AEX |
|           |           |              |            |             |           |           | 0                               | 7          | -10         | 65        | 9     | 24 Vdc        | E121K0352-2995-495870C2     |     |
|           |           |              |            |             |           | 1-21      | 0                               | 10         | -10         | 80        | 8     | 230V/50Hz     | E121K0352-495905F4          | AEX |
|           |           |              |            |             |           |           | 0                               | 7          | -10         | 80        | 8     | 24 Vdc        | E121K0352-495905C2          |     |
|           | 4         | 7.5          | 0.45       | 480         |           | -         | 0                               | 10         | -10         | 100       | 8     | 220-230V/50Hz | 121K0250-2995-4818653D      | ☞   |
|           |           |              |            |             |           |           | 0                               | 4          | -10         | 100       | 9     | 24 Vdc        | 121K0250-2995-481865C2      |     |
|           |           |              |            |             |           | 2-22      | 0                               | 10         | -10         | 65        | 8     | 220-230V/50Hz | 121K0250-2995-4958703D      | AEX |
|           |           |              |            |             |           |           | 0                               | 4          | -10         | 65        | 9     | 24 Vdc        | 121K0250-2995-495870C2      |     |
|           |           |              |            |             |           | 1-21      | 0                               | 10         | -10         | 80        | 8     | 230V/50Hz     | 121K0250-495905F4           | AEX |
|           |           |              |            |             |           |           | 0                               | 4          | -10         | 80        | 8     | 24 Vdc        | 121K0250-495905C2           |     |

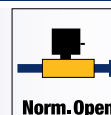
Fast Delivery



# 2/2

## VALVES FOR ALL FLUIDS AND AIR

### DIRECT OPERATED

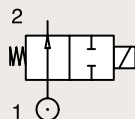


All Fluids & Air

### BRASS

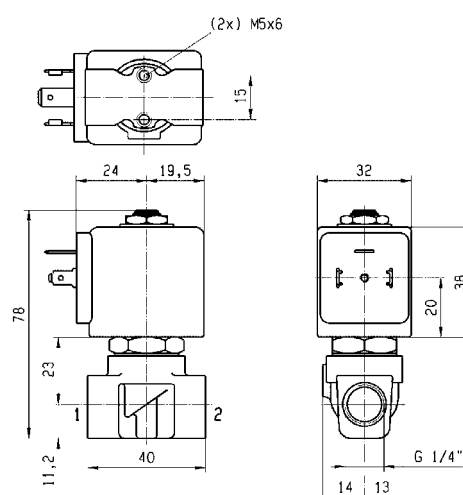
### PIPE MOUNTING

### NORMALLY OPEN



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |
| 1/4"      | 1.5       | 1.5          | 0.09    | 80       | PCTFE     | -         | 0                               | 30      | -10         | 100    | 8     | 220-230V/50Hz | 122K84-2995-4818653D        |
|           |           |              |         |          |           |           | 0                               | 30      | -10         | 100    | 9     | 24 Vdc        | 122K84-2995-481865C2        |
|           |           |              |         |          |           | 2-22      | 0                               | 30      | -10         | 65     | 8     | 220-230V/50Hz | 122K84-2995-4958703D        |
|           |           |              |         |          |           |           | 0                               | 30      | -10         | 65     | 9     | 24 Vdc        | 122K84-2995-495870C2        |
|           |           |              |         |          |           | 1-21      | 0                               | 30      | -10         | 80     | 8     | 230V/50Hz     | 122K84-495905F4             |
|           |           |              |         |          |           |           | 0                               | 30      | -10         | 80     | 8     | 24 Vdc        | 122K84-495905C2             |
|           |           |              |         |          |           | -         | 0                               | 12      | -30         | 75     | 8     | 220-230V/50Hz | 122K83-2995-4818653D        |
|           |           |              |         |          |           |           | 0                               | 12      | -30         | 75     | 9     | 24 Vdc        | 122K83-2995-481865C2        |
|           | 2.5       | 3            | 0.18    | 180      | PCTFE     | 2-22      | 0                               | 12      | -30         | 65     | 8     | 220-230V/50Hz | 122K83-2995-4958703D        |
|           |           |              |         |          |           |           | 0                               | 12      | -30         | 65     | 9     | 24 Vdc        | 122K83-2995-495870C2        |
|           |           |              |         |          |           | 1-21      | 0                               | 12      | -30         | 75     | 8     | 230V/50Hz     | 122K83-495905F4             |
|           |           |              |         |          |           |           | 0                               | 12      | -30         | 75     | 8     | 24 Vdc        | 122K83-495905C2             |
|           |           |              |         |          |           | -         | 0                               | 12      | -10         | 100    | 8     | 220-230V/50Hz | 122K8306-2995-4818653D      |
|           |           |              |         |          |           |           | 0                               | 12      | -10         | 100    | 9     | 24 Vdc        | 122K8306-2995-481865C2      |
|           |           |              |         |          |           | 2-22      | 0                               | 12      | -10         | 65     | 8     | 220-230V/50Hz | 122K8306-2995-4958703D      |
|           |           |              |         |          |           |           | 0                               | 12      | -10         | 65     | 9     | 24 Vdc        | 122K8306-2995-495870C2      |
|           |           |              |         |          | FKM       | 1-21      | 0                               | 12      | -10         | 80     | 8     | 230V/50Hz     | 122K8306-495905F4           |
|           |           |              |         |          |           |           | 0                               | 12      | -10         | 80     | 8     | 24 Vdc        | 122K8306-495905C2           |

Fast Delivery



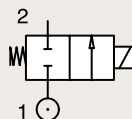
# 2/2

## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED



316L STAINLESS ST.  
PIPE MOUNTING

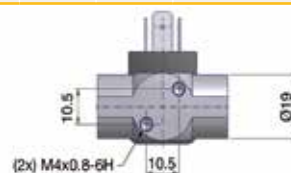
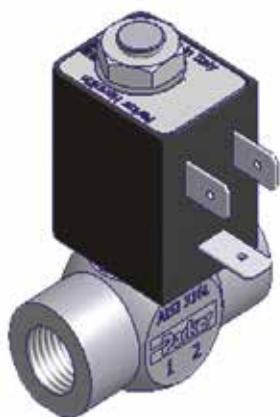
**NORMALLY CLOSED**



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp.            |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|------------------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C                 | Max °C |       |               |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |                        |        | W     |               |                             |
| 1/8"      | 1.5       | 1            | 0.06    | -        | FKM       | -         | 0                               | 20      | -10                    | 140    | 4     | 220-230V/50Hz | 550001DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0                               | 10      | -10                    | 140    | 5     | 24 Vdc        | 550000DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0                               | 20      | -10                    | 140    | 4     | 220-230V/50Hz | 550003DIS <sub>1</sub>      |
| 0         | 10        | -10          | 140     |          |           |           | 5                               | 24 Vdc  | 550002DIS <sub>1</sub> |        |       |               |                             |
| 1/4"      | 2.5       | 2.3          | 0.14    |          |           |           | 0                               | 10      | -10                    | 140    | 4     | 220-230V/50Hz | 550005DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0                               | 4       | -10                    | 140    | 5     | 24 Vdc        | 550004DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0                               | 10      | -10                    | 140    | 11    | 220-240/50-60 | 550007DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 11      | -10                    | 140    | 12    | 24 Vdc        | 550006DIS <sub>2</sub>      |
| 3/8"      | 5         | 8            | 0.48    |          |           |           | 0                               | 4       | -10                    | 140    | 11    | 220-240/50-60 | 550009DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 4       | -10                    | 140    | 12    | 24 Vdc        | 550008DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 4       | -10                    | 140    | 11    | 220-240/50-60 | 550011DIS <sub>2</sub>      |
| 1/2"      |           |              |         |          |           |           | 0                               | 4       | -10                    | 140    | 12    | 24 Vdc        | 550010DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0                               | 4       | -10                    | 140    | 12    | 24 Vdc        | 550010DIS <sub>2</sub>      |

### Notes:

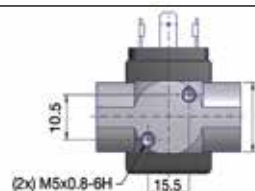
1. Drawing number 1
2. Drawing number 2



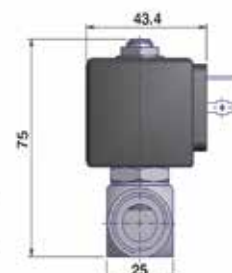
| Port Size |
|-----------|
| A         |
| 1/8"      |
| 1/4"      |



N° 1



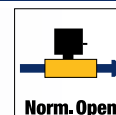
| Port Size |
|-----------|
| A         |
| 1/4"      |
| 3/8"      |
| 1/2"      |



N° 2

# 2/2

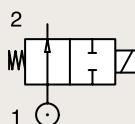
## VALVES FOR ALL FLUIDS AND AIR DIRECT OPERATED



Norm. Open

316L STAINLESS ST.  
PIPE MOUNTING

**NORMALLY OPEN**

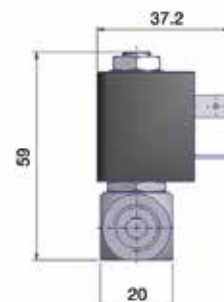
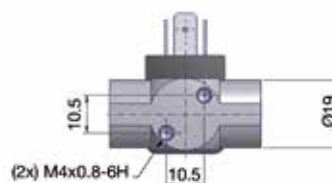
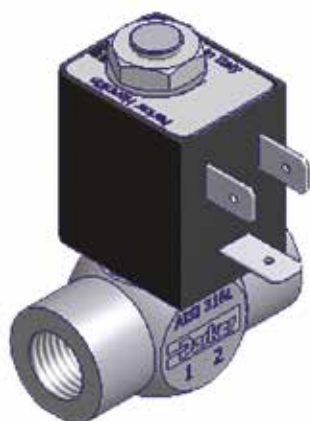


CE



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |
| 1/4"      | 3         | 4.5          | 0.27    | -        | FKM       | -         | 0                               | 6       | -10         | 140    | 8     | 220-230V/50Hz | 550013DIS                   |
|           |           |              |         |          |           |           | 0                               | 6       | -10         | 140    | 9     | 24 Vdc        | 550012DIS                   |

Fast Delivery



**ARA**<sup>®</sup>  
PNEUMATIK

53-012 Wrocław tel. 71 364 72 82  
ul. Wyścigowa 38 fax 71 364 72 83  
[www.arapneumatik.pl](http://www.arapneumatik.pl)

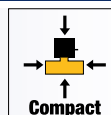


2 WAY VALVES

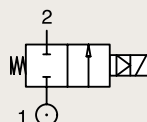
All Fluids & Air

# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED

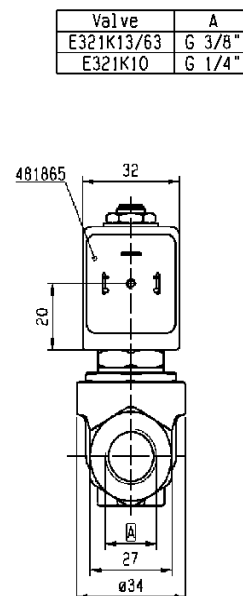
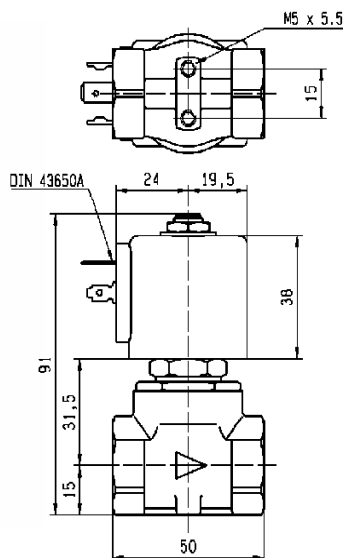


### BRASS PIPE MOUNTING NORMALLY CLOSED



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| 1/4"      | 11        | 28           | 1.68    | 1800     | NBR       | -         | 0.2                             | 10      | -10         | 100    | 8     | 220-230V/50Hz | E321K10-2995-4818653D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 100    | 9     | 24 Vdc        | E321K10-2995-481865C2       |
|           |           |              |         |          |           | 2-22      | 0.2                             | 10      | -10         | 65     | 8     | 220-230V/50Hz | E321K10-2995-4958703D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 65     | 9     | 24 Vdc        | E321K10-2995-495870C2       |
|           |           |              |         |          |           | 1-21      | 0.2                             | 10      | -10         | 80     | 8     | 230V/50Hz     | E321K10-495905F4            |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 80     | 8     | 24 Vdc        | E321K10-495905C2            |
|           |           |              |         |          |           | -         | 0.2                             | 10      | -10         | 100    | 8     | 220-230V/50Hz | E321K13-2995-4818653D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 100    | 9     | 24 Vdc        | E321K13-2995-481865C2       |
| 3/8"      | 11        | 36           | 2.16    | 2500     | NBR       | -         | 0.2                             | 10      | -10         | 100    | 8     | 220-230V/50Hz | E321K13-2995-4818653D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 100    | 9     | 24 Vdc        | E321K13-2995-481865C2       |
|           |           |              |         |          |           | 2-22      | 0.2                             | 10      | -10         | 65     | 8     | 220-230V/50Hz | E321K13-2995-4958703D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 65     | 9     | 24 Vdc        | E321K13-2995-495870C2       |
|           |           |              |         |          |           | 1-21      | 0.2                             | 10      | -10         | 80     | 8     | 230V/50Hz     | E321K13-495905F4            |
|           |           |              |         |          |           |           | 0.2                             | 4       | -10         | 80     | 8     | 24 Vdc        | E321K13-495905C2            |
|           |           |              |         |          |           | -         | 0.2                             | 10      | -10         | 100    | 8     | 220-230V/50Hz | E321K13-2995-4818653D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 100    | 9     | 24 Vdc        | E321K13-2995-481865C2       |

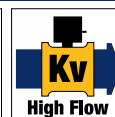
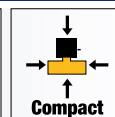
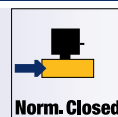
Fast Delivery



| Valve      | A      |
|------------|--------|
| E321K13/63 | G 3/8" |
| E321K10    | G 1/4" |

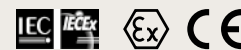
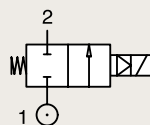
# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



All Fluids & Air

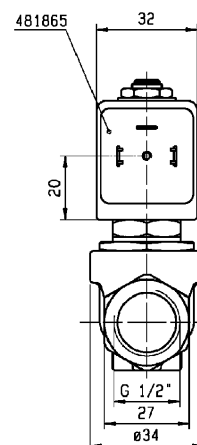
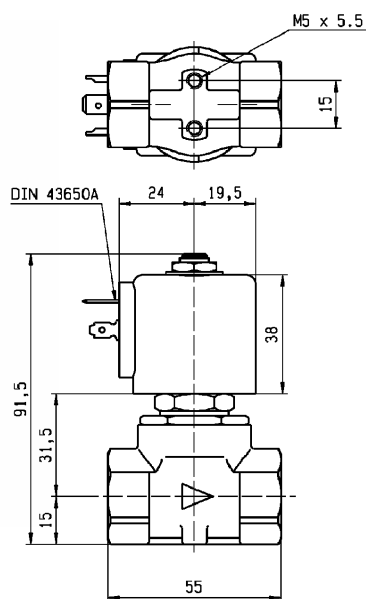
### BRASS PIPE MOUNTING NORMALLY CLOSED



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |
| 1/2"      | 11        | 36           | 2.16    | 2500     | NBR       | -         | 0.2                             | 10      | -10         | 100    | 8     | 220-230V/50Hz | E321K15-2995-4818653D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 100    | 9     | 24 Vdc        | E321K15-2995-481865C2       |
|           |           |              |         |          |           |           | 0.2                             | 10      | -10         | 120    | 14    | 24 Vdc        | E321K15-2995-492425C2       |
|           |           |              |         |          |           | 2-22      | 0.2                             | 10      | -10         | 65     | 8     | 220-230V/50Hz | E321K15-2995-4958703D       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 65     | 9     | 24 Vdc        | E321K15-2995-495870C2       |
|           |           |              |         |          |           | 1-21      | 0.2                             | 10      | -10         | 80     | 8     | 230V/50Hz     | E321K15-2995-495905F4       |
|           |           |              |         |          |           |           | 0.2                             | 3       | -10         | 80     | 8     | 24 Vdc        | E321K15-495905C2            |
|           |           |              |         |          |           |           |                                 |         |             |        |       |               |                             |

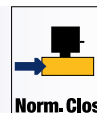
ATEX

Fast Delivery

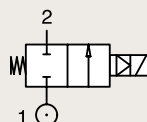


# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



### BRASS PIPE MOUNTING NORMALLY CLOSED

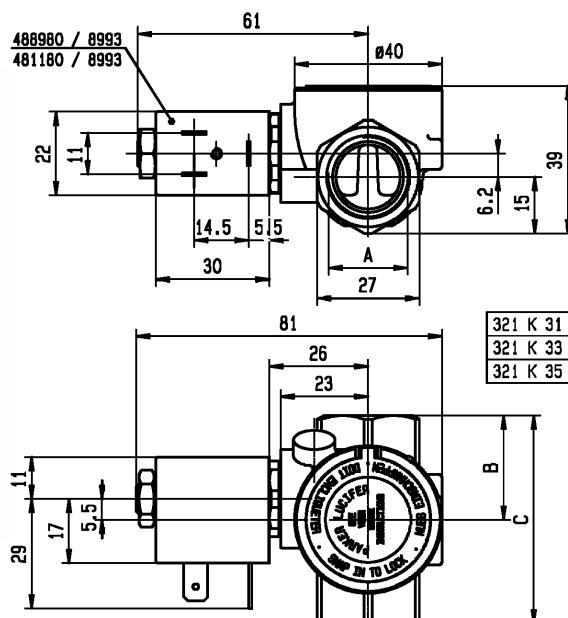


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| 1/4"      | 12        | 30           | 1.80    | 2150     | FKM       | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K3106-8993-4889803D      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K3106-8993-488980C2      |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2     | 220-230V/50Hz | 321K3106-8993-4958653D      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5   | 24 Vdc        | 321K3106-8993-495865C2      |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2     | 220-230V/50Hz | 321K3106-4826063D           |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5   | 24 Vdc        | 321K3106-482606C2           |
|           |           |              |         |          |           | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K3306-8993-4889803D      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K3306-8993-488980C2      |
| 3/8"      | 12        | 45           | 2.70    | 3050     | FKM       | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K3306-8993-4958653D      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K3306-8993-495865C2      |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2     | 220-230V/50Hz | 321K3306-8993-4958653D      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5   | 24 Vdc        | 321K3306-8993-495865C2      |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2     | 220-230V/50Hz | 321K3306-4826063D           |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5   | 24 Vdc        | 321K3306-482606C2           |
|           |           |              |         |          |           | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K3306-8993-4889803D      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K3306-8993-488980C2      |

#### Notes:

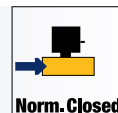
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Fast Delivery



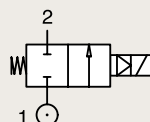
# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



All Fluids & Air

### BRASS PIPE MOUNTING NORMALLY CLOSED

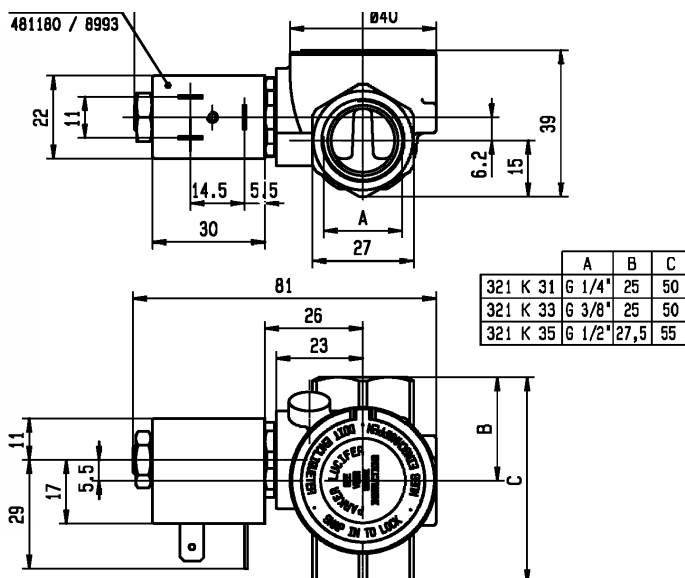


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number         |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-------------------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                                     |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                                     |
| 1/2"      | 12        | 50           | 3.00    | 3400     | NBR       | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K35-8993-4889803D <sub>1</sub>   |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K35-8993-488980C2 <sub>1</sub>   |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2     | 220-230V/50Hz | 321K35-8993-4958653D <sub>1</sub>   |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5   | 24 Vdc        | 321K35-8993-495865C2 <sub>1</sub>   |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2     | 220-230V/50Hz | 321K35-4826063D <sub>1</sub>        |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5   | 24 Vdc        | 321K35-482606C2 <sub>1</sub>        |
|           |           |              |         |          | FKM       | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K3506-8993-4889803D <sub>1</sub> |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K3506-8993-488980C2 <sub>1</sub> |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2     | 220-230V/50Hz | 321K3506-8993-4958653D <sub>1</sub> |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5   | 24 Vdc        | 321K3506-8993-495865C2 <sub>1</sub> |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2     | 220-230V/50Hz | 321K3506-4826063D <sub>1</sub>      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5   | 24 Vdc        | 321K3506-482606C2 <sub>1</sub>      |

#### Notes:

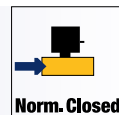
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Fast Delivery



# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



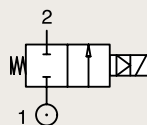
Norm. Closed



Easy Maint.

### BRASS PIPE MOUNTING

#### NORMALLY CLOSED

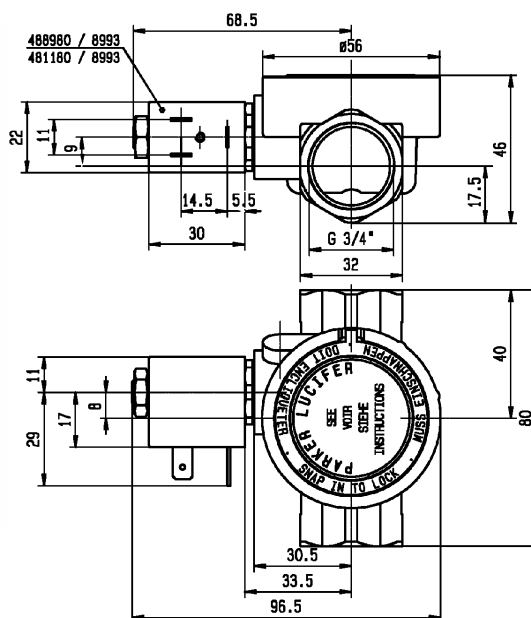


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number         |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-------------------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                                     |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                                     |
| 3/4"      | 18        | 100          | 6.00    | 9400     | NBR       | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K36-8993-4889803D <sub>1</sub>   |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K36-8993-488980C2 <sub>1</sub>   |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2     | 220-230V/50Hz | 321K36-8993-4958653D <sub>1</sub>   |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5   | 24 Vdc        | 321K36-8993-495865C2 <sub>1</sub>   |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2     | 220-230V/50Hz | 321K36-4826063D <sub>1</sub>        |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5   | 24 Vdc        | 321K36-482606C2 <sub>1</sub>        |
|           |           |              |         |          | FKM       | -         | 0.3                             | 10      | -10         | 75     | 2     | 220-230V/50Hz | 321K3606-8993-4889803D <sub>1</sub> |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5   | 24 Vdc        | 321K3606-8993-488980C2 <sub>1</sub> |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2     | 220-230V/50Hz | 321K3606-8993-4958653D <sub>1</sub> |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5   | 24 Vdc        | 321K3606-8993-495865C2 <sub>1</sub> |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2     | 220-230V/50Hz | 321K3606-4826063D <sub>1</sub>      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5   | 24 Vdc        | 321K3606-482606C2 <sub>1</sub>      |

#### Notes:

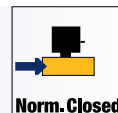
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Fast Delivery



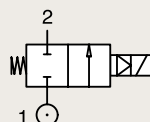
# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



All Fluids & Air

### BRASS PIPE MOUNTING NORMALLY CLOSED

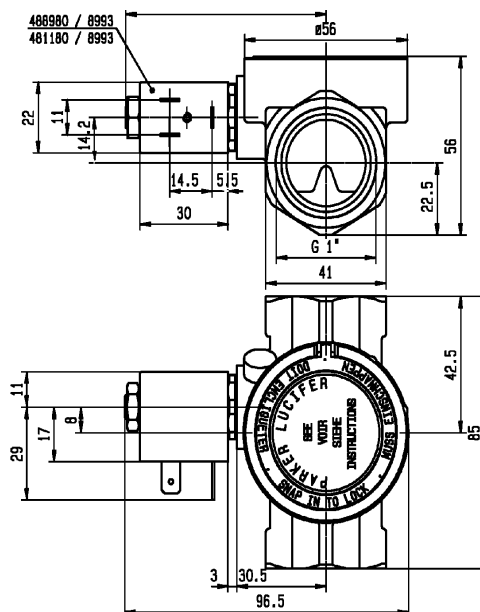


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power W | Voltage       | Solenoid Valve Order Number         |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|---------|---------------|-------------------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |         |               |                                     |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        |         |               |                                     |
| 1"        | 18        | 110          | 6.60    | 10150    | NBR       | -         | 0.3                             | 10      | -10         | 75     | 2       | 220-230V/50Hz | 321K37-8993-4889803D <sub>1</sub>   |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5     | 24 Vdc        | 321K37-8993-488980C2 <sub>1</sub>   |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2       | 220-230V/50Hz | 321K37-8993-4958653D <sub>1</sub>   |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5     | 24 Vdc        | 321K37-8993-495865C2 <sub>1</sub>   |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2       | 220-230V/50Hz | 321K37-4826063D <sub>1</sub>        |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5     | 24 Vdc        | 321K37-482606C2 <sub>1</sub>        |
|           |           |              |         |          | FKM       | -         | 0.3                             | 10      | -10         | 75     | 2       | 220-230V/50Hz | 321K3706-8993-4889803D <sub>1</sub> |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 75     | 2.5     | 24 Vdc        | 321K3706-8993-488980C2 <sub>1</sub> |
|           |           |              |         |          |           | 2-22      | 0.3                             | 10      | -10         | 50     | 2       | 220-230V/50Hz | 321K3706-8993-4958653D <sub>1</sub> |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 50     | 2.5     | 24 Vdc        | 321K3706-8993-495865C2 <sub>1</sub> |
|           |           |              |         |          |           | 1-21      | 0.3                             | 10      | -10         | 65     | 2       | 220-230V/50Hz | 321K3706-4826063D <sub>1</sub>      |
|           |           |              |         |          |           |           | 0.3                             | 7       | -10         | 65     | 2.5     | 24 Vdc        | 321K3706-482606C2 <sub>1</sub>      |

#### Notes:

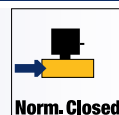
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Fast Delivery



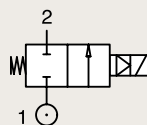
# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



### BRASS PIPE MOUNTING

#### NORMALLY CLOSED

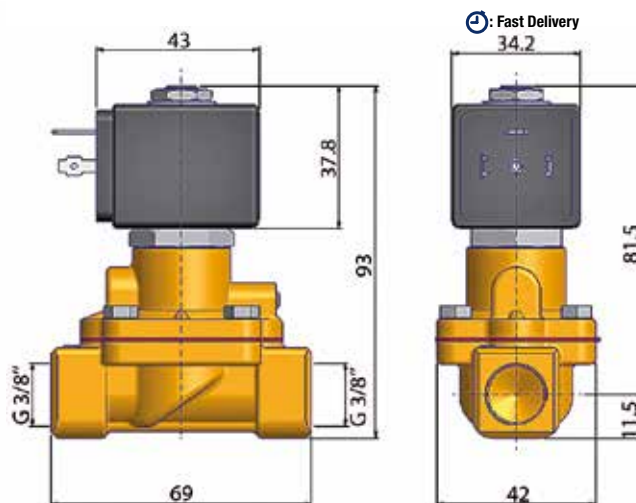


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage      | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|--------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |              |                             |
| 3/8"      | 13        | 33           | 2.00    | -        | NBR       | -         | 0.5                             | 16      | -10         | 90     | 9     | 230V/50-60Hz | 550112DIS <sub>1</sub>      |
|           |           |              |         |          |           |           | 0.5                             | 16      | -10         | 90     | 12    | 24 Vdc       | 550111DIS <sub>1</sub>      |
| 1/2"      | 13        | 42           | 2.50    |          |           |           | 0.5                             | 16      | -10         | 90     | 9     | 230V/50-60Hz | 550106DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0.5                             | 16      | -10         | 90     | 12    | 24 Vdc       | 550105DIS <sub>2</sub>      |
| 3/4"      | 20        | 117          | 7.00    |          |           |           | 0.5                             | 16      | -10         | 90     | 9     | 230V/50-60Hz | 550108DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0.5                             | 16      | -10         | 90     | 12    | 24 Vdc       | 550107DIS <sub>2</sub>      |
| 1"        | 25        | 133          | 8.00    |          |           |           | 0.5                             | 16      | -10         | 90     | 9     | 230V/50-60Hz | 550110DIS <sub>2</sub>      |
|           |           |              |         |          |           |           | 0.5                             | 16      | -10         | 90     | 12    | 24 Vdc       | 550109DIS <sub>2</sub>      |

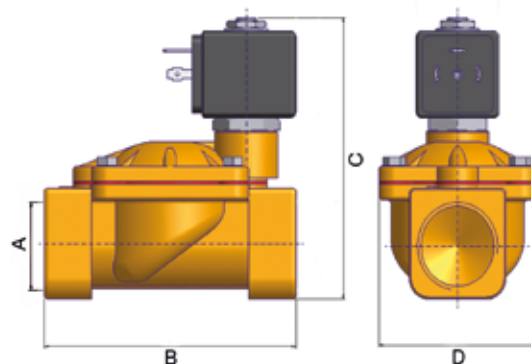
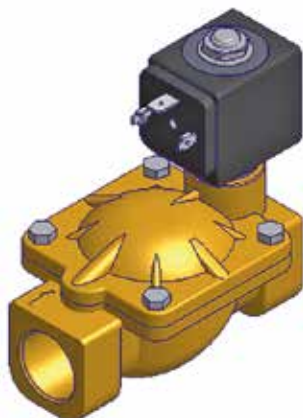
#### Notes:

1. Drawing number 1
2. Drawing number 2

N° 1



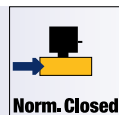
N° 2



| A    | B   | C     | D  |
|------|-----|-------|----|
| G    | mm  | mm    | mm |
| 3/8" | 69  | 93.5  | 40 |
| 1/2" | 72  | 95.5  | 40 |
| 3/4" | 100 | 101   | 65 |
| 1"   | 104 | 106.5 | 65 |

# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



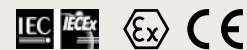
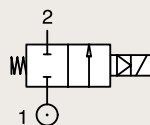
All Fluids & Air

2 WAY VALVES

BRASS

PIPE MOUNTING

NORMALLY CLOSED

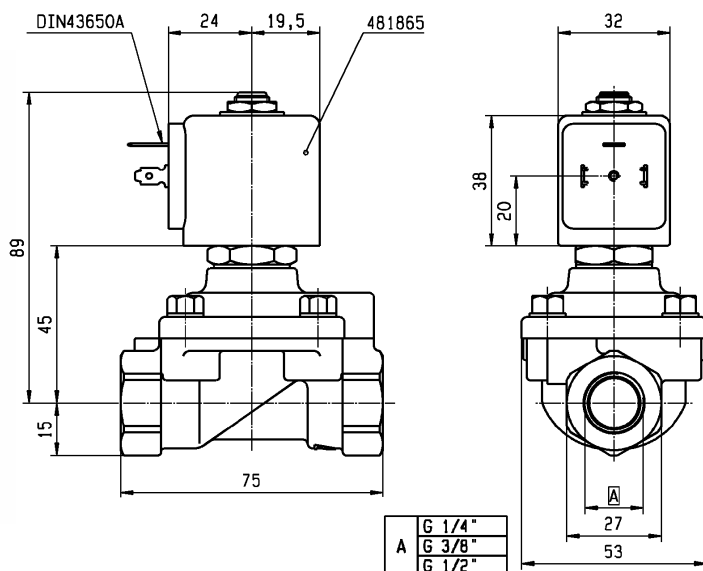


| Port size | Orifice Ø | Flow factors |            |             | Seat Seal | Atex Zone | Operating Pressure Differential |            | Fluid Temp. |           | Power | Voltage       | Solenoid Valve Order Number          |
|-----------|-----------|--------------|------------|-------------|-----------|-----------|---------------------------------|------------|-------------|-----------|-------|---------------|--------------------------------------|
|           |           | Kv<br>l/min  | KV<br>m³/h | Qn<br>l/min |           |           | Min<br>bar                      | Max<br>bar | Min<br>°C   | Max<br>°C |       |               |                                      |
| BSP       | mm        |              |            |             |           |           |                                 |            |             |           | W     |               |                                      |
| 1/4"      | 8         | 36           | 2.16       | 1600        | NBR       | -         | 0.3                             | 40         | -10         | 100       | 8     | 220-230V/50Hz | E321H11-2995-4818653D <sup>123</sup> |
|           |           |              |            |             |           |           | 0.3                             | 25         | -10         | 100       | 9     | 24 Vdc        | E321H11-2995-481865C2 <sup>123</sup> |
|           |           |              |            |             |           | 2-22      | 0.3                             | 40         | -10         | 65        | 8     | 220-230V/50Hz | E321H11-2995-4958703D <sup>123</sup> |
|           |           |              |            |             |           |           | 0.3                             | 25         | -10         | 65        | 9     | 24 Vdc        | E321H11-2995-495870C2 <sup>123</sup> |
|           |           |              |            |             |           | 1-21      | 0.3                             | 40         | -10         | 80        | 8     | 230V/50Hz     | E321H11-495905F4 <sup>123</sup>      |
|           |           |              |            |             |           |           | 0.3                             | 25         | -10         | 80        | 8     | 24 Vdc        | E321H11-495905C2 <sup>123</sup>      |
| 3/8"      | 11        | 50           | 3.00       | 2800        |           | -         | 0.3                             | 40         | -10         | 100       | 8     | 220-230V/50Hz | E321H13-2995-4818653D <sup>123</sup> |
|           |           |              |            |             |           |           | 0.3                             | 25         | -10         | 100       | 9     | 24 Vdc        | E321H13-2995-481865C2 <sup>123</sup> |
|           |           |              |            |             |           | 2-22      | 0.3                             | 40         | -10         | 65        | 8     | 220-230V/50Hz | E321H13-2995-4958703D <sup>123</sup> |
|           |           |              |            |             |           |           | 0.3                             | 25         | -10         | 65        | 9     | 24 Vdc        | E321H13-2995-495870C2 <sup>123</sup> |
|           |           |              |            |             |           | 1-21      | 0.3                             | 40         | -10         | 80        | 8     | 230V/50Hz     | E321H13-495905F4 <sup>123</sup>      |
|           |           |              |            |             |           |           | 0.3                             | 25         | -10         | 80        | 8     | 24 Vdc        | E321H13-495905C2 <sup>123</sup>      |

### Notes:

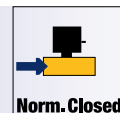
1. Pilot seat disc in synthetic Ruby
2. With 4 position selector for controlled closure rate
3. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Fast Delivery

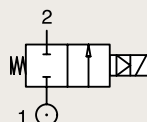


# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



### BRASS PIPE MOUNTING NORMALLY CLOSED



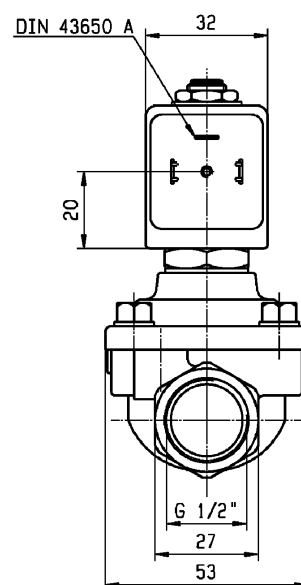
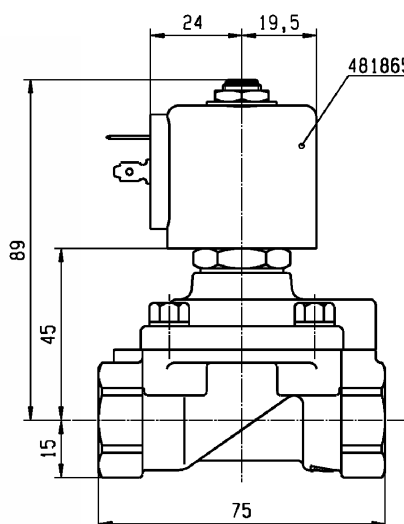
| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number          |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|--------------------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                                      |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                                      |
| 1/2"      | 15        | 60           | 3.60    | 3150     | NBR       | -         | 0.3                             | 40      | -10         | 100    | 8     | 220-230V/50Hz | E321H15-2995-4818653D <sup>123</sup> |
|           |           |              |         |          |           |           | 0.3                             | 25      | -10         | 100    | 9     | 24 Vdc        | E321H15-2995-481865C2 <sup>123</sup> |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 100    | 14    | 24 Vdc        | E321H15-2995-492425C2 <sup>123</sup> |
|           |           |              |         |          |           | 2-22      | 0.3                             | 40      | -10         | 65     | 8     | 220-230V/50Hz | E321H15-2995-4958703D <sup>123</sup> |
|           |           |              |         |          |           |           | 0.3                             | 25      | -10         | 65     | 9     | 24 Vdc        | E321H15-2995-495870C2 <sup>123</sup> |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 80     | 8     | 230V/50Hz     | E321H15-495905F4 <sup>123</sup>      |
|           |           |              |         |          |           | 1-21      | 0.3                             | 25      | -10         | 80     | 8     | 24 Vdc        | E321H15-495905C2 <sup>123</sup>      |

ATEX

#### Notes:

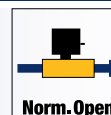
1. Pilot seat disc in synthetic Ruby
2. With 4 position selector for controlled closure rate
3. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

Fast Delivery



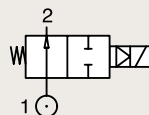
# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



All Fluids & Air

### BRASS PIPE MOUNTING NORMALLY OPEN

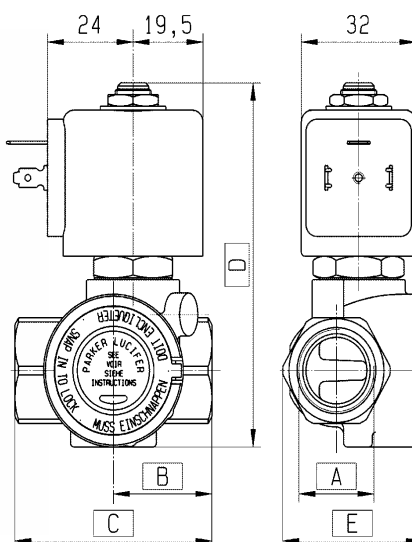


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |     | Fluid Temp. |     | Power         | Voltage                | Solenoid Valve Order Number |                                           |                                           |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|-----|-------------|-----|---------------|------------------------|-----------------------------|-------------------------------------------|-------------------------------------------|
|           |           | Min bar      | Max bar | Min °C   |           |           | Max °C                          |     |             |     |               |                        |                             |                                           |                                           |
| BSP       | mm        | Kv l/min     | KV m³/h | Qn l/min |           |           |                                 |     |             | W   |               |                        |                             |                                           |                                           |
| 1/4"      | 12        | 32           | 1.92    | 2150     | FKM       | -         | 0.3                             | 12  | -10         | 100 | 8             | 220-230V/50Hz          | 322K4106-2995-4818653D      | ☞                                         |                                           |
|           |           |              |         |          |           |           | 0.3                             | 12  | -10         | 100 | 9             | 24 Vdc                 | 322K4106-2995-481865C2      |                                           | A<br>L<br>E<br>X<br>A<br>N<br>D<br>R<br>A |
|           |           |              |         |          |           | 2-22      | 0.3                             | 12  | -10         | 65  | 8             | 220-230V/50Hz          | 322K4106-2995-4958703D      |                                           |                                           |
|           |           |              |         |          |           |           | 0.3                             | 12  | -10         | 65  | 9             | 24 Vdc                 | 322K4106-2995-495870C2      |                                           |                                           |
|           |           |              |         |          |           | 1-21      | 0.3                             | 12  | -10         | 80  | 8             | 230V/50Hz              | 322K4106-495905F4           |                                           |                                           |
|           |           |              |         |          |           |           | 0.3                             | 12  | -10         | 80  | 8             | 24 Vdc                 | 322K4106-495905C2           |                                           |                                           |
| 1/2"      | 50        | 3.00         | 3400    | -        |           | 0.3       | 12                              | -10 | 100         | 8   | 220-230V/50Hz | 322K4506-2995-4818653D | ☞                           |                                           |                                           |
|           |           |              |         |          |           | 0.3       | 12                              | -10 | 100         | 9   | 24 Vdc        | 322K4506-2995-481865C2 |                             | A<br>L<br>E<br>X<br>A<br>N<br>D<br>R<br>A |                                           |
|           |           |              |         | 2-22     |           | 0.3       | 12                              | -10 | 65          | 8   | 220-230V/50Hz | 322K4506-2995-4958703D |                             |                                           |                                           |
|           |           |              |         |          |           | 0.3       | 12                              | -10 | 65          | 9   | 24 Vdc        | 322K4506-2995-495870C2 |                             |                                           |                                           |
|           |           |              |         | 1-21     |           | 0.3       | 12                              | -10 | 80          | 8   | 230V/50Hz     | 322K4506-495905F4      |                             |                                           |                                           |
|           |           |              |         |          |           | 0.3       | 12                              | -10 | 80          | 8   | 24 Vdc        | 322K4506-495905C2      |                             |                                           |                                           |
| 3/4"      | 18        | 100          | 6.00    | 9400     |           | -         | 0.3                             | 12  | -10         | 120 | 8             | 220-230V/50Hz          | 322K4606-2995-4818653D      |                                           | ☞                                         |
|           |           |              |         |          |           |           | 0.3                             | 12  | -10         | 120 | 9             | 24 Vdc                 | 322K4606-2995-481865C2      |                                           |                                           |
|           |           |              |         |          |           | 2-22      | 0.3                             | 12  | -10         | 65  | 8             | 220-230V/50Hz          | 322K4606-2995-4958703D      |                                           |                                           |
|           |           |              |         |          |           |           | 0.3                             | 12  | -10         | 65  | 9             | 24 Vdc                 | 322K4606-2995-495870C2      |                                           |                                           |
|           |           |              |         |          |           | 1-21      | 0.3                             | 12  | -10         | 80  | 8             | 230V/50Hz              | 322K4606-495905F4           |                                           |                                           |
|           |           |              |         |          |           |           | 0.3                             | 12  | -10         | 80  | 8             | 24 Vdc                 | 322K4606-495905C2           |                                           |                                           |

#### Notes:

1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing

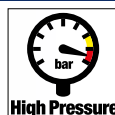
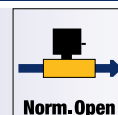
Fast Delivery



|        | A    | B  | C    | D  | E |
|--------|------|----|------|----|---|
| G 1/4" | 25   | 50 | 93,5 | 39 |   |
| G 1/2" | 27,5 | 55 | 93,5 | 39 |   |
| G 3/4" | 40   | 80 | 109  | 47 |   |

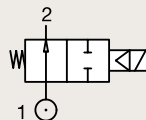
# 2/2

## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



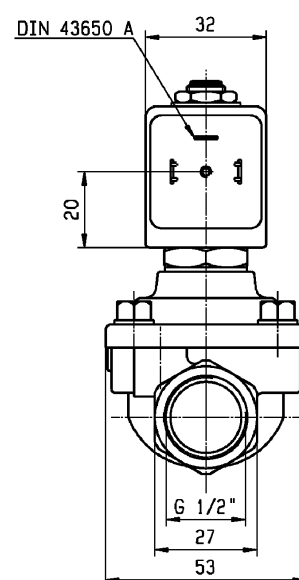
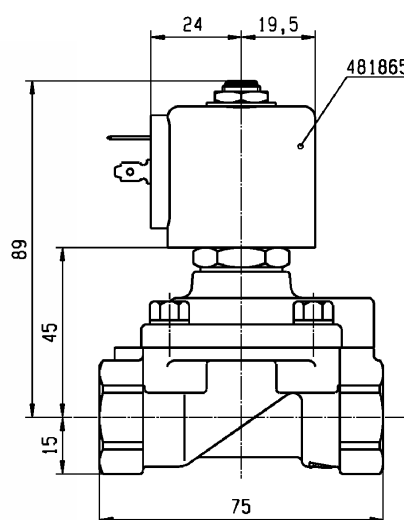
### BRASS PIPE MOUNTING

#### NORMALLY OPEN



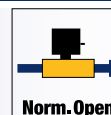
| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |
| 1/2"      | 15        | 60           | 3.60    | 3890     | NBR       | -         | 0.3                             | 40      | -10         | 100    | 8     | 220-230V/50Hz | 322H75-2995-4818653D        |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 100    | 9     | 24 Vdc        | 322H75-2995-481865C2        |
|           |           |              |         |          |           | 2-22      | 0.3                             | 40      | -10         | 65     | 8     | 220-230V/50Hz | 322H75-2995-4958703D        |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 65     | 9     | 24 Vdc        | 322H75-2995-495870C2        |
|           |           |              |         |          |           | 1-21      | 0.3                             | 40      | -10         | 80     | 8     | 230V/50Hz     | 322H75-495905F4             |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 80     | 8     | 24 Vdc        | 322H75-495905C2             |
|           |           |              |         |          | FKM       | -         | 0.3                             | 40      | -10         | 100    | 8     | 220-230V/50Hz | 322H7506-2995-4818653D      |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 100    | 9     | 24 Vdc        | 322H7506-2995-481865C2      |
|           |           |              |         |          |           | 2-22      | 0.3                             | 40      | -10         | 65     | 8     | 220-230V/50Hz | 322H7506-2995-4958703D      |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 65     | 9     | 24 Vdc        | 322H7506-2995-495870C2      |
|           |           |              |         |          |           | 1-21      | 0.3                             | 40      | -10         | 80     | 8     | 230V/50Hz     | 322H7506-495905F4           |
|           |           |              |         |          |           |           | 0.3                             | 40      | -10         | 80     | 8     | 24 Vdc        | 322H7506-495905C2           |

Fast Delivery



# 2/2

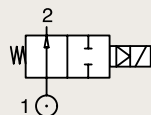
## VALVES FOR ALL FLUIDS AND AIR PILOT OPERATED



All Fluids & Air

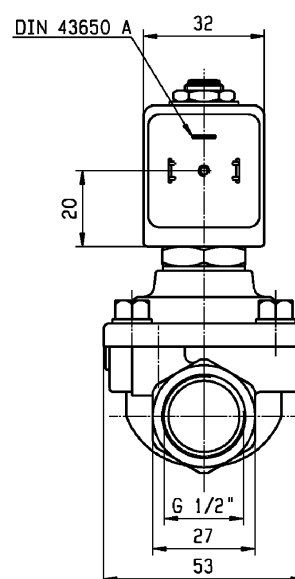
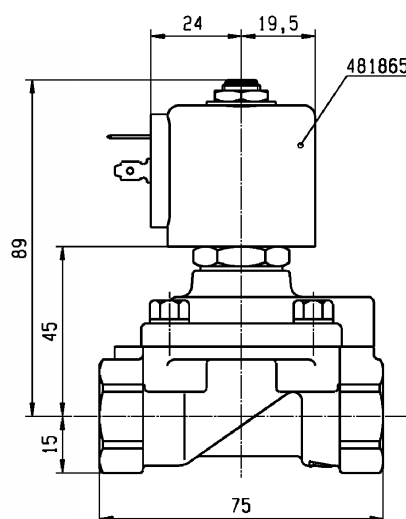
### BRASS PIPE MOUNTING

#### NORMALLY OPEN



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        | W     |               |                             |
| 1/2"      | 15        | 60           | 3.60    | 3890     | NBR       | -         | 0.3                             | 15      | -10         | 100    | 8     | 220-230V/50Hz | 322G75-2995-4818653D        |
|           |           |              |         |          |           |           | 0.3                             | 15      | -10         | 100    | 9     | 24 Vdc        | 322G75-2995-481865C2        |
|           |           |              |         |          |           | 2-22      | 0.3                             | 15      | -10         | 65     | 8     | 220-230V/50Hz | 322G75-2995-4958703D        |
|           |           |              |         |          |           |           | 0.3                             | 15      | -10         | 65     | 9     | 24 Vdc        | 322G75-2995-495870C2        |
|           |           |              |         |          |           | 1-21      | 0.3                             | 15      | -10         | 80     | 8     | 230V/50Hz     | 322G75-495905F4             |
|           |           |              |         |          |           |           | 0.3                             | 15      | -10         | 80     | 8     | 24 Vdc        | 322G75-495905C2             |

Fast Delivery



# ARA<sup>®</sup>

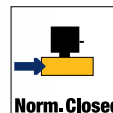
## PNEUMATIK

53-012 Wrocław tel. 71 364 72 82  
ul. Wyścigowa 38 fax 71 364 72 83  
[www.arapneumatik.pl](http://www.arapneumatik.pl)

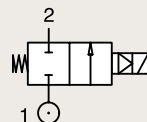


# 2/2

## VALVES FOR ALL FLUIDS AND AIR MAGNALIFT



### BRASS PIPE MOUNTING NORMALLY CLOSED

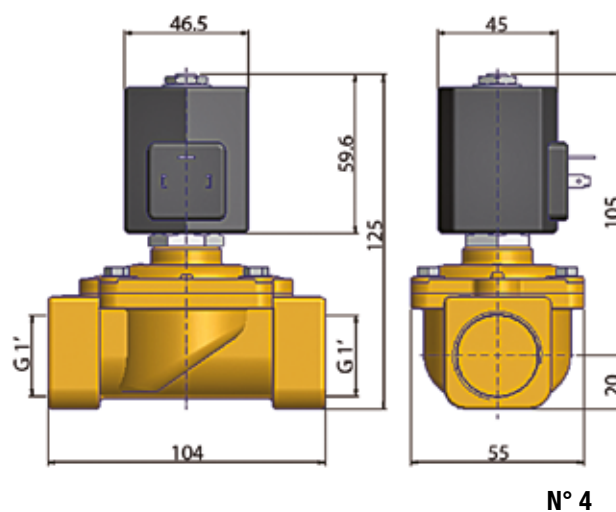
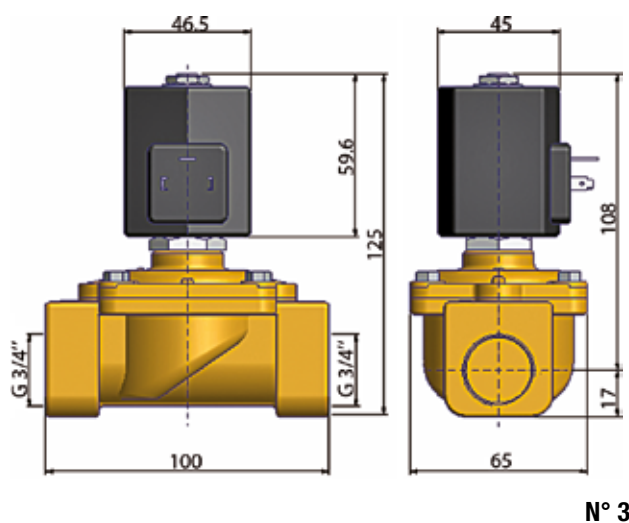
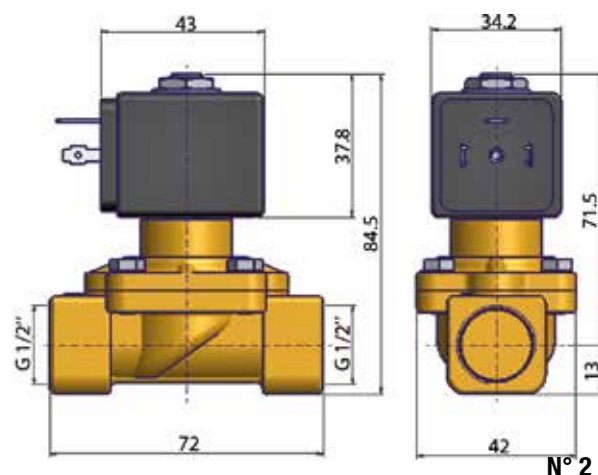
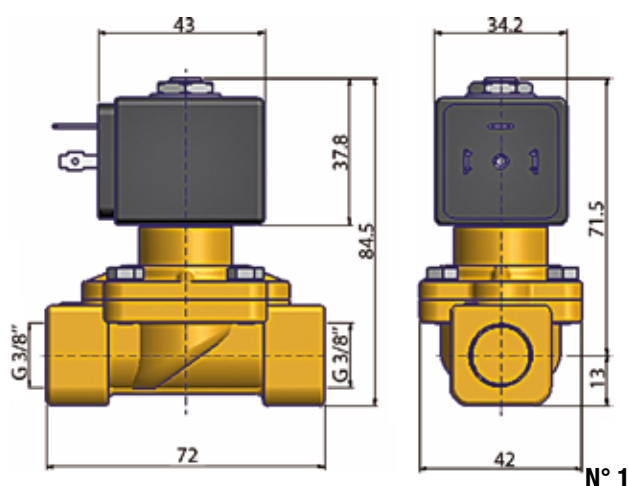


| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power W | Voltage      | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|---------|--------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |         |              |                             |
| 3/8"      | 13        | 40           | 2.40    |          | FKM       | -         | 0                               | 5       | -10         | 140    | 9       | 230V/50-60Hz | 550066DIS <sub>1</sub>      |
| 1/2"      |           |              |         |          |           |           | 0                               | 5       | -10         | 140    | 9       | 230V/50-60Hz | 550064DIS <sub>2</sub>      |
| 3/4"      | 20        | 100          | 6.00    |          |           |           | 0                               | 3       | -10         | 140    | 14      | 230V/50-60Hz | 550065DIS <sub>3</sub>      |
| 1"        | 25        | 117          | 7.00    |          |           |           | 0                               | 3       | -10         | 140    | 14      | 230V/50-60Hz | 550071DIS <sub>4</sub>      |

#### Notes:

1. Drawing number 1
2. Drawing number 2
3. Drawing number 3
4. Drawing number 4

Fast Delivery



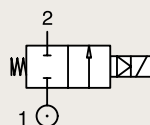
# 2/2

## VALVES FOR ALL FLUIDS AND AIR MAGNALIFT



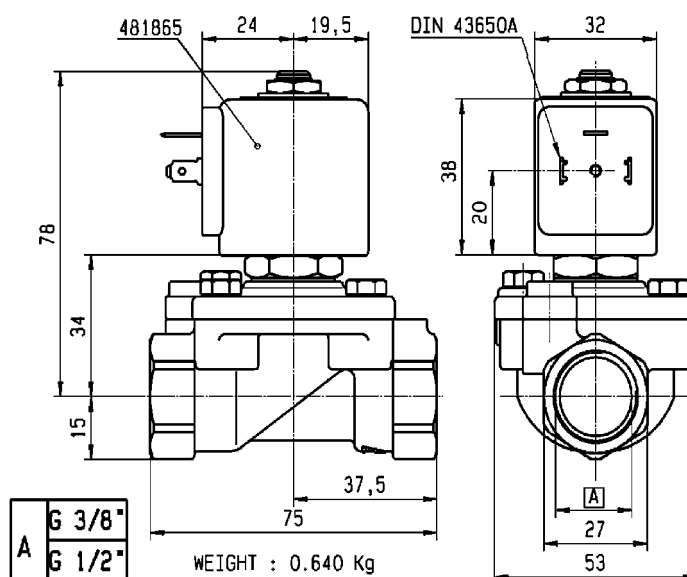
All Fluids & Air

### BRASS PIPE MOUNTING NORMALLY CLOSED



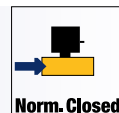
| Port size | Orifice Ø | Flow factors |            |             | Seat Seal | Atex Zone | Operating Pressure Differential |                                                                                       | Fluid Temp. |           | Power         | Voltage                | Solenoid Valve Order Number                                                           |                                                                                     |
|-----------|-----------|--------------|------------|-------------|-----------|-----------|---------------------------------|---------------------------------------------------------------------------------------|-------------|-----------|---------------|------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |           | Kv<br>l/min  | KV<br>m³/h | Qn<br>l/min |           |           | Min<br>bar                      | Max<br>bar                                                                            | Min<br>°C   | Max<br>°C |               |                        |                                                                                       |                                                                                     |
| BSP       | mm        |              |            |             |           |           |                                 |                                                                                       |             |           | W             |                        |                                                                                       |                                                                                     |
| 3/8"      | 15        | 65           | 3.90       | 4500        | NBR       | -         | 0                               | 16                                                                                    | -10         | 100       | 8             | 220-230V/50Hz          | 221G13-2995-4818653D                                                                  |  |
|           |           |              |            |             |           |           | 0                               | 6                                                                                     | -10         | 100       | 14            | 24 Vdc                 | 221G13-2995-492425C2                                                                  |                                                                                     |
|           |           |              |            |             |           | 2-22      | 0                               | 16                                                                                    | -10         | 65        | 8             | 220-230V/50Hz          | 221G13-2995-4958703D                                                                  |  |
|           |           |              |            |             |           | 1-21      | 0                               | 16                                                                                    | -10         | 80        | 8             | 230V/50Hz              | 221G13-495905F4                                                                       |                                                                                     |
| -         |           |              |            |             |           | 0         | 16                              | -10                                                                                   | 100         | 8         | 220-230V/50Hz | 221G15-2995-4818653D   |    |                                                                                     |
|           |           |              |            |             |           | 0         | 6                               | -10                                                                                   | 100         | 14        | 24 Vdc        | 221G15-2995-492425C2   |                                                                                       |                                                                                     |
| 2-22      |           |              |            |             |           | 0         | 16                              | -10                                                                                   | 65          | 8         | 220-230V/50Hz | 221G15-2995-4958703D   |    |                                                                                     |
| 1-21      |           |              |            |             |           | 0         | 16                              | -10                                                                                   | 80          | 8         | 230V/50Hz     | 221G15-495905F4        |                                                                                       |                                                                                     |
| 1/2"      |           |              |            |             |           | -         | 0                               | 10                                                                                    | -10         | 100       | 9             | 24 Vdc                 | 221G1530-2995-481865C2                                                                |  |
|           |           |              |            |             |           |           | 0                               | 10                                                                                    | -10         | 65        | 9             | 24 Vdc                 | 221G1530-2995-495870C2                                                                |                                                                                     |
|           |           |              |            |             |           | 1-21      | 0                               | 10                                                                                    | -10         | 80        | 8             | 24 Vdc                 | 221G1530-495905C2                                                                     |  |
|           |           |              |            |             |           | -         | 0                               | 16                                                                                    | 0           | 100       | 8             | 220-230V/50Hz          | 221G25-2995-4818653D                                                                  |                                                                                     |
|           |           |              |            |             | 0         |           | 5                               | 0                                                                                     | 100         | 14        | 24 Vdc        | 221G25-2995-492425C2   |                                                                                       |                                                                                     |
|           |           |              |            |             | 2-22      | 0         | 16                              | 0                                                                                     | 65          | 8         | 220-230V/50Hz | 221G25-2995-4958703D   |  |                                                                                     |
|           |           |              |            |             | 1-21      | 0         | 16                              | 0                                                                                     | 80          | 8         | 230V/50Hz     | 221G25-495905F4        |                                                                                       |                                                                                     |
|           |           |              |            |             | -         | 0         | 10                              | -10                                                                                   | 100         | 9         | 24 Vdc        | 221G2530-2995-481865C2 |  |                                                                                     |
| 2-22      | 0         | 10           | -10        | 65          | 9         | 24 Vdc    | 221G2530-2995-495870C2          |                                                                                       |             |           |               |                        |                                                                                       |                                                                                     |
| 1-21      | 0         | 10           | -10        | 80          | 8         | 24 Vdc    | 221G2530-495905C2               |  |             |           |               |                        |                                                                                       |                                                                                     |

Fast Delivery

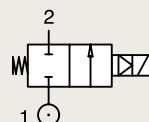


# 2/2

## VALVES FOR ALL FLUIDS AND AIR MAGNALIFT

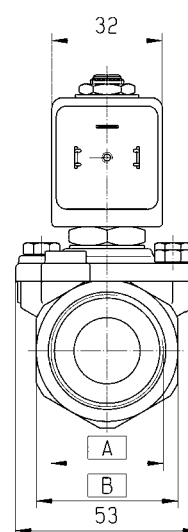
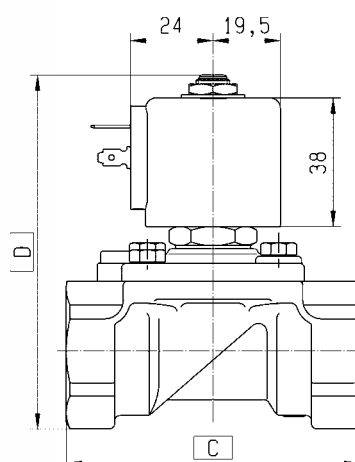


### BRASS PIPE MOUNTING NORMALLY CLOSED



| Port size | Orifice<br>Ø | Flow factors |            |             | Seat Seal | Atex Zone | Operating Pressure Differential |                        | Fluid Temp.                                                                           |           | Power | Voltage       | Solenoid Valve Order Number |                                                                                       |
|-----------|--------------|--------------|------------|-------------|-----------|-----------|---------------------------------|------------------------|---------------------------------------------------------------------------------------|-----------|-------|---------------|-----------------------------|---------------------------------------------------------------------------------------|
|           |              | Kv<br>l/min  | KV<br>m³/h | Qn<br>l/min |           |           | Min<br>bar                      | Max<br>bar             | Min<br>°C                                                                             | Max<br>°C |       |               |                             |                                                                                       |
| BSP       | mm           |              |            |             |           |           |                                 |                        |                                                                                       |           | W     |               |                             |                                                                                       |
| 3/4"      | 15.00        | 80           | 4.80       | 6000        | NBR       | -         | 0                               | 16                     | -10                                                                                   | 100       | 8     | 220-230V/50Hz | 221G16-2995-4818653D        |    |
|           |              |              |            |             |           |           | 0                               | 6                      | -10                                                                                   | 100       | 14    | 24 Vdc        | 221G16-2995-492425C2        |                                                                                       |
|           |              |              |            |             |           | 2-22      | 0                               | 16                     | -10                                                                                   | 65        | 8     | 220-230V/50Hz | 221G16-2995-4958703D        |    |
|           |              |              |            |             |           | 1-21      | 0                               | 16                     | -10                                                                                   | 80        | 8     | 230V/50Hz     | 221G16-495905F4             |                                                                                       |
|           |              |              |            |             | FKM       | -         | 0                               | 16                     | 0                                                                                     | 100       | 8     | 220-230V/50Hz | 221G26-2995-4818653D        |    |
|           |              |              |            |             |           |           | 0                               | 5                      | 0                                                                                     | 100       | 14    | 24 Vdc        | 221G26-2995-492425C2        |                                                                                       |
|           |              |              |            |             |           | 2-22      | 0                               | 16                     | 0                                                                                     | 65        | 8     | 220-230V/50Hz | 221G26-2995-4958703D        |    |
|           |              |              |            |             |           | 1-21      | 0                               | 16                     | 0                                                                                     | 80        | 8     | 230V/50Hz     | 221G26-495905F4             |    |
|           |              |              |            |             | NBR       | -         | 0                               | 16                     | -10                                                                                   | 100       | 8     | 220-230V/50Hz | 221G17-2995-4818653D        |   |
|           |              |              |            |             |           |           | 0                               | 6                      | -10                                                                                   | 100       | 14    | 24 Vdc        | 221G17-2995-492425C2        |                                                                                       |
|           |              |              |            |             |           | 2-22      | 0                               | 16                     | -10                                                                                   | 65        | 8     | 220-230V/50Hz | 221G17-2995-4958703D        |  |
|           |              |              |            |             |           | 1-21      | 0                               | 16                     | -10                                                                                   | 80        | 8     | 230V/50Hz     | 221G17-495905F4             |  |
| -         | 0            | 16           | -10        | 100         |           | 8         | 220-230V/50Hz                   | 221G21-2995-4818653D   |  |           |       |               |                             |                                                                                       |
|           | 0            | 6            | -10        | 100         |           | 14        | 24 Vdc                          | 221G21-2995-492425C2   |                                                                                       |           |       |               |                             |                                                                                       |
| 2-22      | 0            | 16           | -10        | 65          |           | 8         | 220-230V/50Hz                   | 221G21-2995-4958703D   |  |           |       |               |                             |                                                                                       |
| 1-21      | 0            | 16           | -10        | 80          |           | 8         | 230V/50Hz                       | 221G21-495905F4        |                                                                                       |           |       |               |                             |                                                                                       |
| -         | 0            | 10           | -10        | 100         |           | 9         | 24 Vdc                          | 221G2130-2995-481865C2 |  |           |       |               |                             |                                                                                       |
| 2-22      | 0            | 10           | -25        | 40          |           | 9         | 24 Vdc                          | 221G2130-2995-495870C2 |  |           |       |               |                             |                                                                                       |
| 1-21      | 0            | 10           | -25        | 40          | 8         | 24 Vdc    | 221G2130-495905C2               |                        |                                                                                       |           |       |               |                             |                                                                                       |

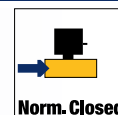
Fast Delivery



| A      | B  | C  | D     |
|--------|----|----|-------|
| G 3/4" | 35 | 80 | 95,5  |
| G 1"   | 41 | 85 | 102,5 |

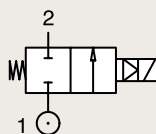
# 2/2

## VALVES FOR ALL FLUIDS AND AIR MAGNALIFT



316L STAINLESS ST.  
PIPE MOUNTING

**NORMALLY CLOSED**

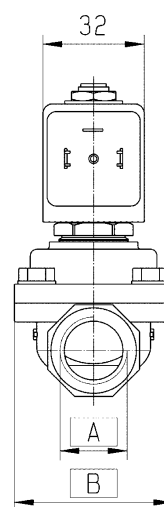
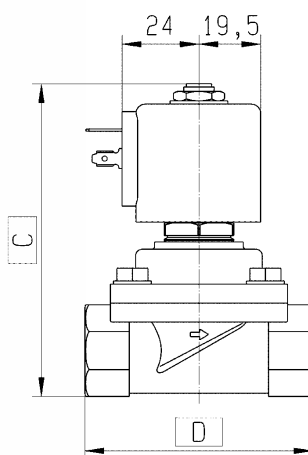


CE



| Port size | Orifice Ø | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Power | Voltage       | Solenoid Valve Order Number |
|-----------|-----------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|-------|---------------|-----------------------------|
|           |           | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |       |               |                             |
| BSP       | mm        |              |         |          |           |           |                                 |         |             |        |       |               |                             |
| 3/8"      | 15        | 40           | 2.40    |          | FKM       | -         | 0                               | 10      | -10         | 85     | 8     | 220-230V/50Hz | 221S10F-2995-4818653D       |
| 1/2"      |           | 50           | 3.00    |          |           |           | 0                               | 10      | -10         | 85     | 8     | 220-230V/50Hz | 221S15F-2995-4818653D       |
| 3/4"      | 24        | 95           | 5.70    |          |           |           | 0                               | 10      | -10         | 85     | 8     | 220-230V/50Hz | 221S20F-2995-4818653D       |
| 1"        |           | 105          | 6.30    |          |           |           | 0                               | 10      | -10         | 85     | 8     | 220-230V/50Hz | 221S25F-2995-4818653D       |

Fast Delivery



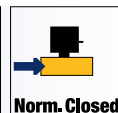
|        | A  | B   | C  | D |
|--------|----|-----|----|---|
| G 3/8" | 50 | 100 | 72 |   |
| G 1/2" | 50 | 100 | 72 |   |
| G 3/4" | 61 | 117 | 72 |   |
| G 1"   | 61 | 117 | 83 |   |

2 WAY VALVES

All Fluids & Air

# 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>  |
|           |           | 50            |              |         |          |           |           | 0                               | 6       | -10         | 180    | 5-6                              | Under Seat     | PA10C2G3R032S <sub>1</sub>  |
|           |           | 32            |              |         |          |           |           | 0                               | 16      | -10         | 180    | 3                                | Over Seat      | PA10S1G3R050S <sub>2</sub>  |
|           |           | 50            |              |         |          |           |           | 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>  |
|           |           | 50            |              |         |          |           |           | 0                               | 6       | -10         | 180    | 5-6                              | Under Seat     | PA15C2G4R032S <sub>1</sub>  |
|           |           | 32            |              |         |          |           |           | 0                               | 16      | -10         | 180    | 4                                | Over Seat      | PA15S1G4R040S <sub>2</sub>  |
|           |           | 50            |              |         |          |           |           | 0                               | 16      | -10         | 180    | 3                                | Over Seat      | PA15S1G4R050S <sub>2</sub>  |
|           |           |               |              |         |          |           |           | 0                               | 16      | -10         | 180    | 4.5                              | Under Seat     | PA15SAG4R050S <sub>2</sub>  |

+ ATEX

#### Notes:

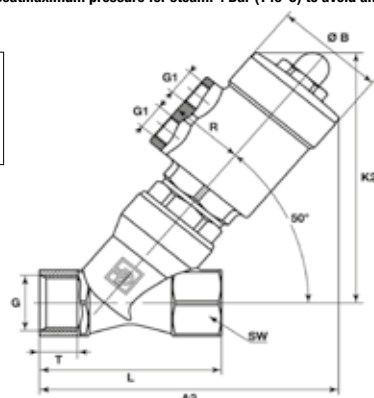
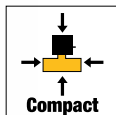
1. Drawing number 1
2. Drawing number 2

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.



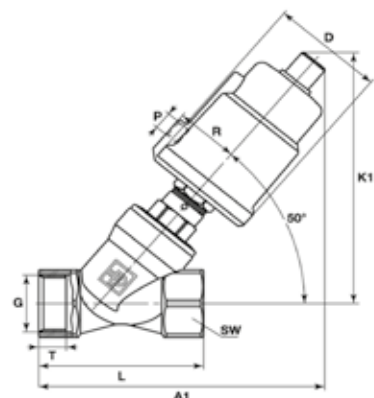
N° 1



| G      | Actuator | Ø B  | R  | G1   | K2<br>Type C1/C2<br>(180°C) | A2<br>Type C1/C2<br>(180°C) | L  | T    | SW         |
|--------|----------|------|----|------|-----------------------------|-----------------------------|----|------|------------|
| G 3/8" | 32       | 39.6 | 27 | G1/8 | 107                         | 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 |

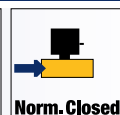
Please select pilot control valves within page 60

Warning : Check minimum operating control pressure page 40



# 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 W | Flow Direction             | Solenoid Valve Order Number |
|-----------|-----------|---------------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|------------------------------------|----------------------------|-----------------------------|
|           |           |               | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |                                    |                            |                             |
| BSP       | mm        | mm            |              |         |          |           |           |                                 |         |             |        |                                    |                            |                             |
| 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>  |
|           |           |               |              |         |          |           |           | 0                               | 10      | -10         | 180    | 4.5                                | Under Seat                 | PA20SAG5R050S <sub>2</sub>  |
| 1"        | 24        | 63            | 267          | 16.00   |          |           |           | 0                               | 16      | -10         | 180    | 3-5.5                              | Over Seat                  | PA25S1G6R050S <sub>2</sub>  |
|           | 0         |               |              |         |          |           |           | 16                              | -10     | 180         | 3-3.5  | Over Seat                          | PA25S1G6R063S <sub>2</sub> |                             |
|           | 0         |               |              |         |          |           |           | 8                               | -10     | 180         | 4.5    | Under Seat                         | PA25SAG6R063S <sub>2</sub> |                             |
|           | 1 1/4"    | 31            | 80           | 400     |          |           |           | 24.00                           | 0       | 16          | -10    | 180                                | 3-5                        | Over Seat                   |
| 0         |           |               |              |         |          |           |           |                                 | 11      | -10         | 180    | 4                                  | Under Seat                 | PA32SAG7R080S <sub>2</sub>  |

+ ATEX

#### Notes:

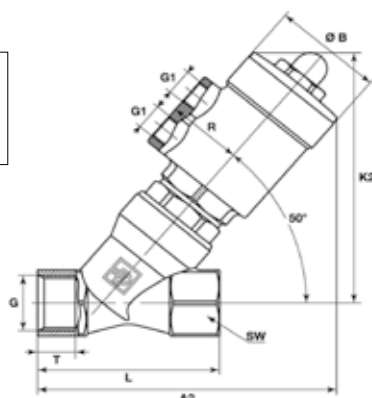
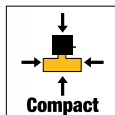
1. Drawing number 1
2. Drawing number 2

Fast Delivery

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



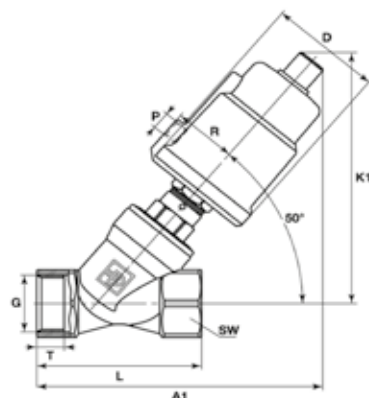
N° 1



| G      | Actuator | Ø B  | R  | G1   | K2  | A2  | L  | T  | SW         |
|--------|----------|------|----|------|-----|-----|----|----|------------|
| G 3/4" | 32       | 39.6 | 27 | G1/8 | 112 | 126 | 75 | 14 | 31 hexagon |



N° 2



| 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 |

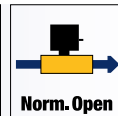
Please select pilot control valves within page 60

Warning : Check minimum operating control pressure page 40



# 2/2

## VALVES FOR ALL FLUIDS AND AIR AIR OPERATED



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



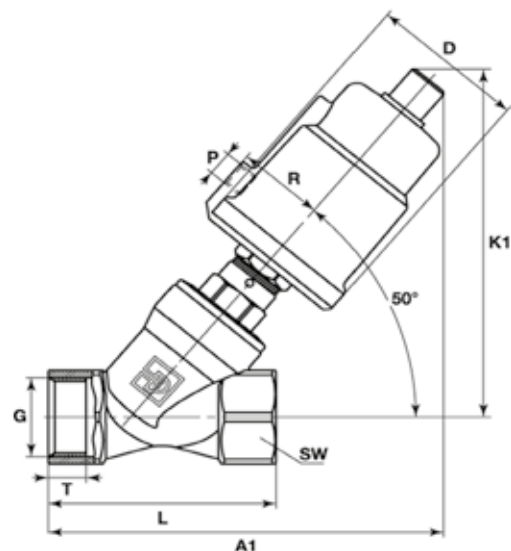
### PIPE MOUNTING

#### NORMALLY OPEN

| 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 |                                  |                |                             |
| BSP       | mm        | mm            |              |         |          |           |           |                                 |         |             |        | W                                |                |                             |
| 3/8"      | 13        | 50            | 78           | 4.70    |          | PTFE      | 2-22      | 0                               | 16      | -10         | 180    | 3.5                              | Over Seat      | PA10S2G3R050S               |
| 1/2"      |           |               |              |         |          |           |           | 0                               | 16      | -10         | 180    | 3.5                              | Over Seat      | PA15S2G4R050S               |
| 3/4"      | 18        |               | 150          | 9.00    |          |           |           | 0                               | 16      | -10         | 180    | 3.5                              | Over Seat      | PA20S2G5R050S               |
| 1"        | 24        | 63            | 267          | 16.00   |          |           |           | 0                               | 16      | -10         | 180    | 4.5                              | Over Seat      | PA25S2G6R063S               |
| 1 1/4"    | 31        |               | 400          | 24.00   |          |           |           | 0                               | 14      | -10         | 180    | 4.5                              | Over Seat      | PA32S2G7R063S               |

+ ATEX

Fast Delivery



| 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 |
| 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 |
| G 1-1/4" | 63       | 77   | 41.5 | G1/8 | 170 | 188 | 110 | 18   | 50 octagon |
|          | 80       | 98   | 52   | G1/4 | 184 | 205 | 110 | 18   | 50 octagon |

Please select pilot control valves within page 60

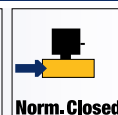
Warning : Check minimum operating control pressure page 40



# 2/2

## VALVES FOR ALL FLUIDS AND AIR

### AIR OPERATED



All Fluids & Air

316L S.STEEL BODY / ALUMINIUM ACTUATOR



### PIPE MOUNTING

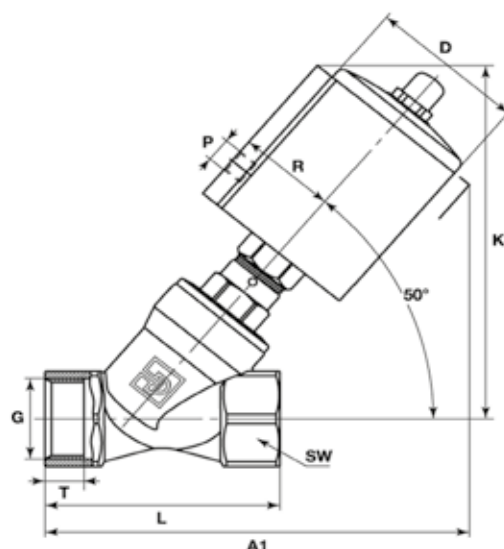
#### NORMALLY CLOSED

| Port size | Orifice Ø | Actuator size | Flow factors |         |          | Seat Seal | Atex Zone | Operating Pressure Differential |         | Fluid Temp. |        | Pilot Control Pressure Min / Max W | Flow Direction | Solenoid Valve Order Number |
|-----------|-----------|---------------|--------------|---------|----------|-----------|-----------|---------------------------------|---------|-------------|--------|------------------------------------|----------------|-----------------------------|
|           |           |               | Kv l/min     | KV m³/h | Qn l/min |           |           | Min bar                         | Max bar | Min °C      | Max °C |                                    |                |                             |
| 1/2"      | 13        | 50            | 78           | 4.70    | -        | PTFE      | 2-22      | 0                               | 16      | -10         | 180    | 3                                  | Over Seat      | PA15S1G4R050A               |
|           |           |               |              |         |          |           |           | 0                               | 16      | -10         | 180    | 4.5                                | Under Seat     | PA15SAG4R050A               |
| 3/4"      | 18        | 50            | 150          | 9.00    |          |           |           | 0                               | 16      | -10         | 180    | 3-4                                | Over Seat      | PA20S1G5R050A               |
|           |           |               |              |         |          |           |           | 0                               | 10      | -10         | 180    | 4.5                                | Under Seat     | PA20SAG5R050A               |
| 1"        | 24        | 63            | 267          | 16.00   |          |           |           | 0                               | 8       | -10         | 180    | 4.5                                | Under Seat     | PA25SAG6R063A               |

+ ATEX

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

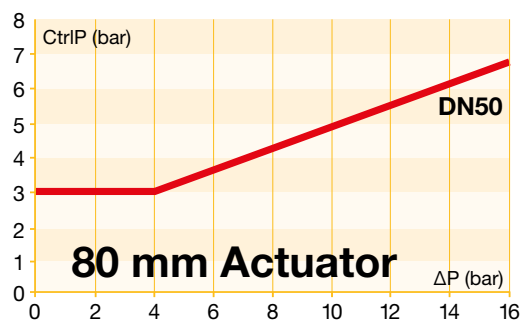
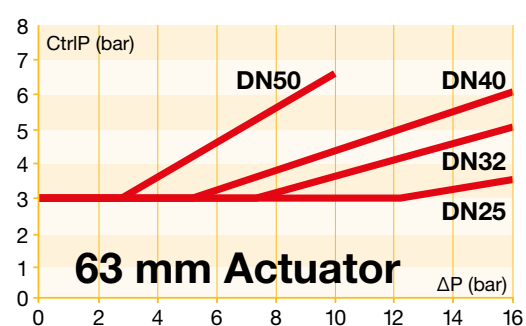
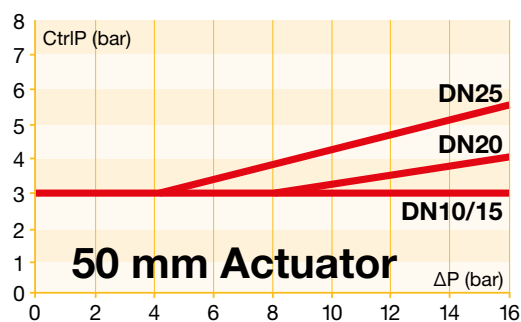
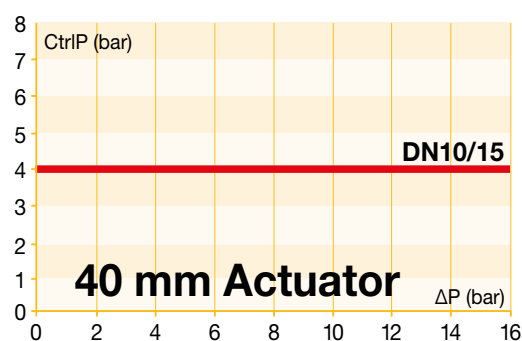
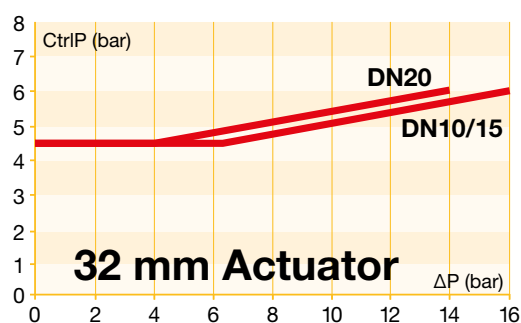
Fast Delivery



| G      | Actuator | D  | R  | P    | K1  | A1  | L  | T    | SW         |
|--------|----------|----|----|------|-----|-----|----|------|------------|
| G 1/2" | 50       | 61 | 38 | G1/8 | 133 | 144 | 65 | 11.5 | 25 hexagon |
| G 3/4" | 50       | 61 | 38 | G1/8 | 136 | 150 | 75 | 14   | 31 hexagon |
| G 1"   | 50       | 61 | 38 | G1/8 | 144 | 162 | 90 | 15   | 39 hexagon |
|        | 63       | 75 | 45 | G1/8 | 167 | 183 | 90 | 15   | 39 hexagon |

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

## Control Pressure & Operating Pressure Charts for Air Operated Valves with flow direction over seat



# ARA<sup>®</sup>

## PNEUMATIK

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

[www.arapneumatik.pl](http://www.arapneumatik.pl)

