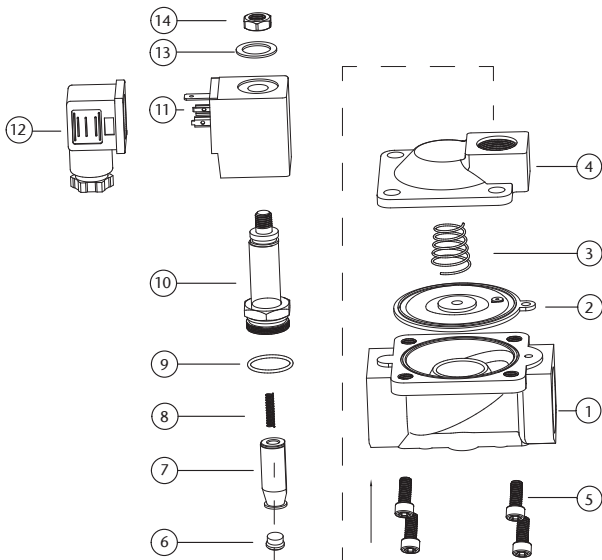


## Parts Diagram



| N. | Component         | Material                    |
|----|-------------------|-----------------------------|
| 1  | Valve Body        | Brass/Stainless Steel 316   |
| 2  | Diaphragm         | NBR/EPDM/Viton              |
| 3  | Diaphragm Spring  | Stainless Steel 304         |
| 4  | Valve Cover       | Brass/Stainless Steel 316   |
| 5  | Bolt              | Stainless Steel 302         |
| 6  | Pilot Seal        | NBR/EPDM/Viton              |
| 7  | Pilot             | Stainless Steel 1J117       |
| 8  | Pilot Spring      | Stainless Steel 304         |
| 9  | O Ring            | NBR/EPDM/Viton              |
| 10 | Plunger Tube Unit | Stainless Steel 304 + 1J117 |
| 11 | Coil              | Enamelled Wire              |
| 12 | Plug              | Nylon                       |
| 13 | Washer            | Stainless Steel 302         |
| 14 | Lock Nut          | Stainless Steel 302         |

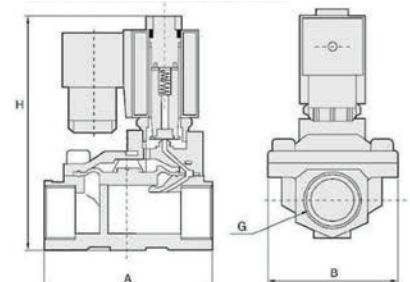
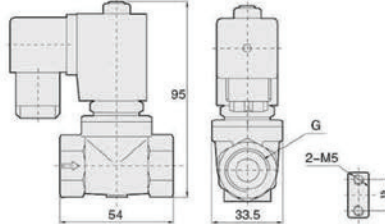
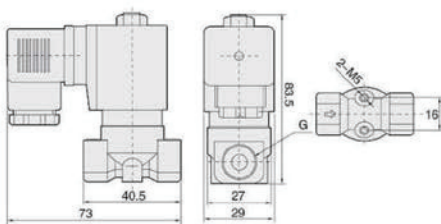
Available in 240VAC, 110VAC  
12VDC, 24VDC, 24VAC

## Main Dimensions

Orifice: 3mm & 4mm  
Port: 1/8", 1/4" & 3/8"

Orifice: 10.5mm  
Port: 1/4", 3/8" & 1/2"

Large Orifice  
See Table opposite



# 2/2 Solenoid Valve Normally Closed

## Valve Specification & Order Code

| Port Size<br>(G)            | Orifice                 | CV<br>Value | Pressure Difference (Bar) |                       |                          |                        | Max.<br>Temp.<br>(°C) | VA<br>AC<br>220V | W<br>DC<br>24V | 220VAC 50/60Hz |                        | Main<br>Dimension<br>AxBxH |
|-----------------------------|-------------------------|-------------|---------------------------|-----------------------|--------------------------|------------------------|-----------------------|------------------|----------------|----------------|------------------------|----------------------------|
|                             |                         |             | Min.                      | Max. Working Pressure |                          |                        |                       |                  |                | Brass          | 316<br>Stainless Steel |                            |
|                             |                         |             |                           | Air /<br>Gas          | Water /<br>Hot<br>Liquid | Light<br>Oil<br>≤20CST |                       |                  |                |                |                        |                            |
| 1/8"                        | 3                       | 0.23        | 0                         | 13                    | 13                       | 10                     | 80                    | 22               | 13             | SLP06E2-3L     | SLP06E2-3LS1           | -                          |
|                             | 3                       | 0.23        | 0                         | 13                    | 13                       | -                      | 120                   | 22               | 13             | SLP06EE2-3L    | SLP06EE2-3LS1          | -                          |
| 1/4"                        | 3                       | 0.23        | 0                         | 13                    | 13                       | 10                     | 120                   | 22               | 13             | SLP06VE2-3L    | SLP06VE2-3LS1          | -                          |
|                             | 3                       | 0.23        | 0                         | 13                    | 13                       | -                      | 80                    | 22               | 13             | SLP08E2-3L     | SLP08E2-3LS1           | -                          |
| 1/4"                        | 3                       | 0.23        | 0                         | 13                    | 13                       | 10                     | 120                   | 22               | 13             | SLP08EE2-3L    | SLP08EE2-3LS1          | -                          |
|                             | 3                       | 0.23        | 0                         | 13                    | 13                       | 10                     | 120                   | 22               | 13             | SLP06VE2-3L    | SLP08VE2-3LS1          | -                          |
| 1/4"                        | 10.5                    | 1.47        | 0                         | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP08E2-10.5L  | -                      | -                          |
|                             | 10.5                    | 1.47        | 0                         | 16                    | 16                       | -                      | 120                   | 22               | 13             | SLP08EE2-10.5L | -                      | -                          |
| 1/4"                        | 10.5                    | 1.47        | 0                         | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP08VE2-10.5L | -                      | -                          |
|                             | 10.5                    | 1.47        | 0                         | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP08VE2-10.5L | -                      | -                          |
| 3/8"                        | 3                       | 0.3         | 0                         | 13                    | 13                       | 10                     | 80                    | 22               | 13             | SLP10E2-3L     | SLP10E2-3LS1           | -                          |
|                             | 3                       | 0.3         | 0                         | 13                    | 13                       | 10                     | 120                   | 22               | 13             | SLP10EE2-3L    | SLP10EE2-3LS1          | -                          |
| 3/8"                        | 3                       | 0.3         | 0                         | 13                    | 13                       | 10                     | 120                   | 22               | 13             | SLP10VE2-3L    | SLP10VE2-3LS1          | -                          |
|                             | 4                       | 0.6         | 0                         | 8                     | 8                        | 6                      | 80                    | 22               | 13             | SLP10E2-4L     | SLP10E2-4LS1           | -                          |
| 3/8"                        | 4                       | 0.6         | 0                         | 8                     | 8                        | 6                      | 120                   | 22               | 13             | SLP10EE2-4L    | SLP10EE2-4LS1          | -                          |
|                             | 4                       | 0.6         | 0                         | 8                     | 8                        | 6                      | 120                   | 22               | 13             | SLP10VE2-4L    | SLP10VE2-4LS1          | -                          |
| 3/8"                        | 10.5                    | 1.68        | 0                         | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP10E2-10.5L  | -                      | -                          |
|                             | 10.5                    | 1.68        | 0                         | 16                    | 16                       | -                      | 120                   | 22               | 13             | SLP10EE2-10.5L | -                      | -                          |
| 3/8"                        | 10.5                    | 1.68        | 0                         | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP10VE2-10.5L | -                      | -                          |
|                             | 13                      | 4.5         | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP10E2-13L    | SLP10E2-13LS1          | 66x48x112                  |
| 3/8"                        | 13                      | 4.5         | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP10EE2-13L   | SLP10EE2-13LS1         | 66x48x112                  |
|                             | 13                      | 4.5         | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP10VE2-13L   | SLP10VE2-13LS1         | 66x48x112                  |
| 1/2"                        | 10.5                    | 1.75        | 0                         | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP15E2-10.5L  | -                      | -                          |
|                             | 10.5                    | 1.75        | 0                         | 16                    | 16                       | -                      | 120                   | 22               | 13             | SLP15EE2-10.5L | -                      | -                          |
| 1/2"                        | 10.5                    | 1.75        | 0                         | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP15VE2-10.5L | -                      | -                          |
|                             | 13                      | 4.5         | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP15E2-13L    | SLP15E2-13LS1          | 66x48x112                  |
| 1/2"                        | 13                      | 4.5         | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP15EE2-13L   | SLP15EE2-13LS1         | 66x48x112                  |
|                             | 13                      | 4.5         | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP15VE2-13L   | SLP15VE2-13LS1         | 66x48x112                  |
| 3/4"                        | 20                      | 7.6         | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP-20E2       | SLP-20E2S1             | 75x58x118                  |
|                             | 20                      | 7.6         | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-20EE2      | SLP-20EE2S1            | 75x58x118                  |
| 3/4"                        | 20                      | 7.6         | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-20VE2      | SLP-20VE2S1            | 75x58x118                  |
|                             | 25                      | 12          | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP-25E2       | SLP-25E2S1             | 96x70x131                  |
| 1"                          | 25                      | 12          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-25EE2      | SLP-25EE2S1            | 96x70x131                  |
|                             | 25                      | 12          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-25VE2      | SLP-25VE2S1            | 96x70x131                  |
| 1.1/4"                      | 35                      | 22          | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP-35E2       | SLP-35E2S1             | 131x96x146                 |
|                             | 35                      | 22          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-35EE2      | SLP-35EE2S1            | 131x96x146                 |
| 1.1/4"                      | 35                      | 22          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-35VE2      | SLP-35VE2S1            | 131x96x146                 |
|                             | 40                      | 30          | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP-40E2       | SLP-40E2S1             | 131x96x146                 |
| 1.1/2"                      | 40                      | 30          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-40EE2      | SLP-40EE2S1            | 131x96x146                 |
|                             | 40                      | 30          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-40VE2      | SLP-40VE2S1            | 131x96x146                 |
| 2"                          | 50                      | 48          | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | SLP-50E2       | SLP-50E2S1             | 165x120x167                |
|                             | 50                      | 48          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-50EE2      | SLP-50EE2S1            | 165x120x167                |
| 2"                          | 50                      | 48          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | SLP-50VE2      | SLP-50VE2S1            | 165x120x167                |
|                             | 1" Flange<br>Connection | 25          | 12                        | 0.5                   | 16                       | 16                     | 13                    | 80               | 22             | 13             | -                      | SLPFE2-25LS1               |
| 1" Flange<br>Connection     | 25                      | 12          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | -              | SLPFEE2-25LS1          | 134x110x160                |
|                             | 25                      | 12          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | -              | SLPFVE2-25LS1          | 134x110x160                |
| 1 1/4" Flange<br>Connection | 35                      | 22          | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | -              | SLPFE2-35LS1           | 160x135x175                |
|                             | 35                      | 22          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | -              | SLPFEE2-35LS1          | 160x135x175                |
| 1 1/4" Flange<br>Connection | 35                      | 22          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | -              | SLPFVE2-35LS1          | 160x135x175                |
|                             | 40                      | 30          | 0.5                       | 16                    | 16                       | 13                     | 80                    | 22               | 13             | -              | SLPFE2-40LS1           | 160x145x180                |
| 1 1/2" Flange<br>Connection | 40                      | 30          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | -              | SLPFEE2-40LS1          | 160x145x180                |
|                             | 40                      | 30          | 0.5                       | 16                    | 16                       | 13                     | 120                   | 22               | 13             | -              | SLPFVE2-40LS1          | 160x145x180                |
| 2" Flange<br>Connection     | 50                      | 48          | 0.5                       | 12                    | 12                       | 13                     | 80                    | 22               | 13             | -              | SLPFE2-50LS1           | 200x160x207                |
|                             | 50                      | 48          | 0.5                       | 12                    | 12                       | 13                     | 120                   | 22               | 13             | -              | SLPFEE2-50LS1          | 200x160x207                |
| 2" Flange<br>Connection     | 50                      | 48          | 0.5                       | 12                    | 12                       | 13                     | 120                   | 22               | 13             | -              | SLPFVE2-50LS1          | 200x160x207                |
|                             | 65                      | 52          | 0.5                       | 12                    | 12                       | 8                      | 80                    | 33               | 20             | -              | SLPFE2-65LS1           | 250x185x250                |
| 2 1/2" Flange<br>Connection | 65                      | 52          | 0.5                       | 12                    | 12                       | 8                      | 120                   | 33               | 20             | -              | SLPFEE2-65LS1          | 250x185x250                |
|                             | 65                      | 52          | 0.5                       | 12                    | 12                       | 8                      | 120                   | 33               | 20             | -              | SLPFVE2-65LS1          | 250x185x250                |
| 3" Flange<br>Connection     | 80                      | 80          | 0.5                       | 12                    | 12                       | 8                      | 80                    | 33               | 20             | -              | SLPFE2-80LS1           | 270x202x262                |
|                             | 80                      | 80          | 0.5                       | 12                    | 12                       | 8                      | 120                   | 33               | 20             | -              | SLPFEE2-80LS1          | 270x202x262                |
| 3" Flange<br>Connection     | 80                      | 80          | 0.5                       | 12                    | 12                       | 8                      | 120                   | 33               | 20             | -              | SLPFVE2-80LS1          | 270x202x262                |
|                             | 100                     | 128         | 0.5                       | 12                    | 12                       | 8                      | 80                    | 33               | 20             | -              | SLPFE2-100LS1          | 342x222x287                |
| 4" Flange<br>Connection     | 100                     | 128         | 0.5                       | 12                    | 12                       | 8                      | 120                   | 33               | 20             | -              | SLPFEE2-100LS1         | 342x222x287                |
|                             | 100                     | 128         | 0.5                       | 12                    | 12                       | 8                      | 120                   | 33               | 20             | -              | SLPFVE2-100LS1         | 342x222x287                |

Please refer to our price list for stocked items

Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.