

# 2/2-Wege-Magnetventil

2/2-Wege-Ausführung

Artikel Nr. 148605

Typen Nr. MVA.ES.230V.G12.0-50B



Beispielhafte Darstellung

Die Standardbaureihe in den Ausführungen

- direktgesteuert

- vorgesteuert

Gerätesteckdose nach ISO 4400

Mediumtemperatur max. 160 °C

## Technische Informationen

|                        |                                    |
|------------------------|------------------------------------|
| Gewinde                | G 1/2 IG                           |
| Betriebsdruck          | 0 - 50 bar                         |
| Spannung               | 230 V AC                           |
| Gehäuse                | Edelstahl 1.4401                   |
| Ventilsitz             | Edelstahl                          |
| Innenteile             | Edelstahl                          |
| Dichtmaterial          | PTFE                               |
| Mediumtemperatur       | -10 bis 160 °C                     |
| Umgebungstemperatur    | -10 bis 60 °C                      |
| Bauform                | 1                                  |
| Schutzart              | IP 65                              |
| Elektrischer Anschluss | ISO 4400 / EN 175301-803 Bauform A |
| Gewindenorm            | DIN EN ISO 228-1                   |
| Öffnung                | 1,8 mm                             |
| A                      | 81,5 mm                            |
| B                      | 50,0 mm                            |
| C                      | 86,5 mm                            |

## Kaufmännische Daten

|                         |                 |
|-------------------------|-----------------|
| Zolltarifnummer         | 84812090        |
| Ursprungsland           | TR              |
| eCl@ss 5.1.4            | 27220601        |
| eCl@ss 9.0              | 27220601        |
| UNSPSC_Code_v190501     | 40141605        |
| UNSPSC_CodeDesc_v190501 | Solenoid valves |

## Material Informationen

|                        |                         |
|------------------------|-------------------------|
| REACH SVHC1 Stoff Name | lead                    |
| CAS-Nr. SVHC 1         | 7439-92-1               |
| RoHS Werkstoff-Hinweis | RoHS compliant          |
| REACH Info             | contains SVHC substance |

## Stainless Steel Solenoid Valve SS1053 Series (G1/8", G1/4", G3/8")

### GENERAL FEATURES

- Wide pressure range, flow rate and orific options.
- Solenoid valves are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation, coil to be used in a vertical position.
- It is applicable for natural gas, lpg, methane, butane, propane, gas, noncorrosive gas. These are applicable for valve usage
- Operating Temperature: -10 °C / +160 °C
- No pressure difference is required.

### ELECTRICAL CHARACTERISTICS

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| Continuous Duty          | : ED %100                                                                                                   |
| Coil Insulation Class    | : H (180°C)(IEC 85)                                                                                         |
| Coil Impregnation        | : Polyester Fiber Glass                                                                                     |
| Ambient Temperature      | : -10°C, +60°C                                                                                              |
| Protection Degree        | : IP65 (ISO 60529) On request:IP68                                                                          |
| Electric Plug Connection | : DIN 46340 3- Poles Connector(DIN43650)                                                                    |
| Connector Specification  | : ISO 4400 / EN 175301-803 Form A, Spade Plug (Cable Ø6-8 mm)                                               |
| Electrical Safety        | : IEC 335                                                                                                   |
| Standard Voltages        | : AC 12V 15VA, 24V 15VA, 48V, 15VA, 110V 15VA, 230V 15VA, 230V 24VA, DC 12V 18W, 24V 18W, 48V,18W, 110V 18W |

On request other voltages

Voltages Tolerance : AC -15%, +10% DC -5%, +10%

Frequency : 50 Hz (60 Hz...)

On request; Connector with LED, PWM Socket

Specify coil voltage with order.

### MATERIALS IN CONTACT WITH FLUID

|                           |                                       |
|---------------------------|---------------------------------------|
| Body                      | : Stainless Steel (AISI 316)          |
| Internal Parts            | : Stainless Steel,                    |
| Sealing                   | : PTFE on request<br>NBR, VITON, EPDM |
| Shading Ring              | : Copper (EN 12735-1)                 |
| Seats, Core Tube, Springs | : Stainless Steel                     |

### OPTIONS

Female connection: BSP; (On request NPT)

- On request Atex (exproof) coil.

### TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cST veya mm²/s)

Response Time : Opening time : 30 ms

Closing Time : 30 ms

### SEALS FEATURES

NBR : -10°C...+80°C

EPDM : -10°C...+130°C

VITON : -10°C...+160°C

PTFE : -10°C...+160°C

RUBY : -10°C...+160°C

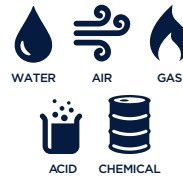


NORMALLY CLOSED

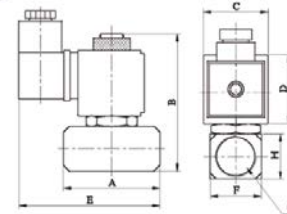
2 WAY

DIRECT ACTING

ΔP=0



| Dimensions (mm) |      |      |    |    |      |      |      |
|-----------------|------|------|----|----|------|------|------|
| G               | A    | B    | C  | D  | E    | F    | H    |
| 1/8"            | 44.1 | 76.5 | 32 | 39 | 77.4 | 24.5 | 24.5 |
| 1/4"            | 44.1 | 76.5 | 32 | 39 | 77.4 | 24.5 | 24.5 |
| 3/8"            | 50   | 76.5 | 32 | 39 | 77.4 | 24.5 | 24.5 |



| Coils         | Nominal Values | Cold/ Hot | Inrush | Holding | Current (A) | Surface Temperature (°C) |
|---------------|----------------|-----------|--------|---------|-------------|--------------------------|
| C40012VDC18W  | 12VDC 18W      | COLD      | 19,56  | 19,56   | 1,63        | 20                       |
|               |                | HOT       | 14,52  | 14,52   | 1,21        | 106                      |
| C40024VDC18W  | 24VDC 18W      | COLD      | 20,88  | 20,88   | 0,87        | 25                       |
|               |                | HOT       | 14,64  | 14,64   | 0,61        | 116                      |
| C40110VDC18W  | 110VDC 18W     | COLD      | 19,96  | 19,96   | 0,18        | 23                       |
|               |                | HOT       | 13,56  | 13,56   | 0,123       | 115                      |
| C40012VAC15VA | 12VAC 15VA     | COLD      | 23,81  | 16,43   | 1,3         | 25                       |
|               |                | HOT       | -      | 15,86   | 1,262       | 79                       |
| C40024VAC15VA | 24VAC 15VA     | COLD      | 25,82  | 15,02   | 0,62        | 22                       |
|               |                | HOT       | -      | 13,91   | 0,57        | 81                       |
| C40110VAC15VA | 110VAC 15VA    | COLD      | 30,65  | 15,17   | 0,137       | 24                       |
|               |                | HOT       | -      | 13,96   | 0,126       | 80                       |
| C40230VAC15VA | 230VAC 15VA    | COLD      | 31,4   | 15,64   | 0,068       | 25                       |
|               |                | HOT       | -      | 14,41   | 0,063       | 80                       |
| C40230VAC15VA | 230VAC 24VA    | COLD      | 45,1   | 23,92   | 0,0154      | 23                       |
|               |                | HOT       | -      | 21,62   | 0,0154      | 100                      |

| Solenoid Valve Symbol                                                               | Valve Type/<br>Order No | Connection<br>Size | Orifice<br>Size | Pressure<br>min/max |     | Kv    | Seal |         |      |       | Weight |
|-------------------------------------------------------------------------------------|-------------------------|--------------------|-----------------|---------------------|-----|-------|------|---------|------|-------|--------|
|  | SS1058                  | G                  | mm              | Bar                 | Bar | l/min | PTFE | Opstyon |      |       | kg     |
|                                                                                     |                         |                    |                 |                     |     |       |      | NBR     | EPDM | VITON |        |
|                                                                                     | SS1053.00.018           | 1/8"               | 1.8             | 0                   | 50  | 16    | ✓    | ✓       | ✓    | ✓     | 0.44   |
|                                                                                     | SS1053.00.025           | 1/8"               | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.44   |
|                                                                                     | SS1053.01.018           | 1/4"               | 1.8             | 0                   | 50  | 16    | ✓    | ✓       | ✓    | ✓     | 0.43   |
|                                                                                     | SS1053.01.025           | 1/4"               | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.43   |
|                                                                                     | SS1053.02.018           | 3/8"               | 1.8             | 0                   | 50  | 18    | ✓    | ✓       | ✓    | ✓     | 0.50   |
|                                                                                     | SS1053.02.025           | 3/8"               | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.50   |

### STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 120.3)) are available on request.

- TORK solenoid valves 97/23/EC, are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (LVD).

**Not:** Please look catalogues for more details

## Stainless Steel Solenoid Valve SS1053 Series (G1/2", G3/4", G1")

### GENERAL FEATURES

- Wide pressure range, flow rate and orifice options.
- Solenoid valves are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation, coil to be used in a vertical position.
- It is applicable for natural gas, lpg, methane, butane, propane, gas, noncorrosive gas. These are applicable for valve usage
- Operating Temperature: -10 °C / +160 °C
- No pressure difference is required.

### ELECTRICAL CHARACTERISTICS

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| Continuous Duty          | : ED %100                                                                                                   |
| Coil Insulation Class    | : H (180°C)(IEC 85)                                                                                         |
| Coil Impregnation        | : Polyester Fiber Glass                                                                                     |
| Ambient Temperature      | : -10°C, +60°C                                                                                              |
| Protection Degree        | : IP65 (ISO 60529) On request:IP68                                                                          |
| Electric Plug Connection | : DIN 46340 3- Poles Connector(DIN43650)                                                                    |
| Connector Specification  | : ISO 4400 / EN 175301-803 Form A, Spade Plug (Cable Ø6-8 mm)                                               |
| Electrical Safety        | : IEC 335                                                                                                   |
| Standard Voltages        | : AC 12V 15VA, 24V 15VA, 48V, 15VA, 110V 15VA, 230V 15VA, 230V 24VA, DC 12V 18W, 24V 18W, 48V,18W, 110V 18W |

On request other voltages

Voltages Tolerance : AC -15%, +10% DC -5%, +10%

Frequency : 50 Hz (60 Hz...)

On request; Connector with LED, PWM Socket

Specify coil voltage with order.

### MATERIALS IN CONTACT WITH FLUID

|                            |                                       |
|----------------------------|---------------------------------------|
| Body                       | : Stainless Steel (AISI 316)          |
| Internal Parts             | : Stainless Steel,                    |
| Sealing                    | : PTFE on request<br>NBR, VITON, EPDM |
| Shading Ring               | : Copper (EN 12735-1)                 |
| Seats, Core Tube, Springs  | : Stainless Steel                     |
| On Request; sealing can be | NBR, EPDM                             |

### OPTIONS

Female connection: BSP; (On request NPT)

- On request Atex (exproof) coil.

### TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cST veya mm²/s)

Response Time : Opening time : 30 ms

Closing Time : 30 ms

### SEALS FEATURES

NBR : -10°C...+80°C

EPDM : -10°C...+130°C

VITON : -10°C...+160°C

PTFE : -10°C...+160°C

RUBY : -10°C...+160°C

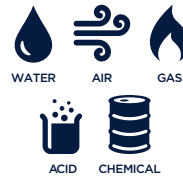


NORMALLY CLOSED

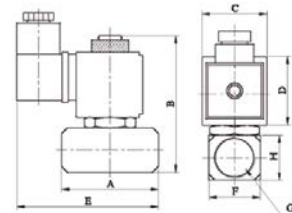
2 WAY

DIRECT ACTING

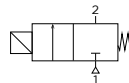
ΔP=0



| Dimensions (mm) |    |      |    |    |      |      |      |
|-----------------|----|------|----|----|------|------|------|
| G               | A  | B    | C  | D  | E    | F    | H    |
| 1/2"            | 50 | 86.5 | 32 | 39 | 81.5 | 24.5 | 24.5 |
| 3/4"            | 60 | 86.5 | 32 | 39 | 81.5 | 30   | 30   |
| 1"              | 60 | 86.5 | 32 | 39 | 81.5 | 40   | 40   |



| Coils         | Nominal Values | Cold/ Hot | Inrush | Holding | Current (A) | Surface Temperature (°C) |
|---------------|----------------|-----------|--------|---------|-------------|--------------------------|
| C40012VDC18W  | 12VDC 18W      | COLD      | 19.56  | 19.56   | 1.63        | 20                       |
|               |                | HOT       | 14.52  | 14.52   | 1.21        | 106                      |
| C40024VDC18W  | 24VDC 18W      | COLD      | 20.88  | 20.88   | 0.87        | 25                       |
|               |                | HOT       | 14.64  | 14.64   | 0.61        | 116                      |
| C40110VDC18W  | 110VDC 18W     | COLD      | 19.96  | 19.96   | 0.18        | 23                       |
|               |                | HOT       | 13.56  | 13.56   | 0.123       | 115                      |
| C40012VAC15VA | 12VAC 15VA     | COLD      | 23.81  | 16.43   | 1.3         | 25                       |
|               |                | HOT       | -      | 15.86   | 1.262       | 79                       |
| C40024VAC15VA | 24VAC 15VA     | COLD      | 25.82  | 15.02   | 0.62        | 22                       |
|               |                | HOT       | -      | 13.91   | 0.57        | 81                       |
| C40110VAC15VA | 110VAC 15VA    | COLD      | 30.65  | 15.17   | 0.137       | 24                       |
|               |                | HOT       | -      | 13.96   | 0.126       | 80                       |
| C40230VAC15VA | 230VAC 15VA    | COLD      | 31.4   | 15.64   | 0.068       | 25                       |
|               |                | HOT       | -      | 14.41   | 0.063       | 80                       |
| C40230VAC15VA | 230VAC 24VA    | COLD      | 45.1   | 23.92   | 0.0154      | 23                       |
|               |                | HOT       | -      | 21.62   | 0.0154      | 100                      |

| Solenoid Valve Symbol                                                               | Valve Type/<br>Order No | Connection<br>Size | Orifice<br>Size | Pressure<br>min/max |     | Kv    | Seal |         |      |       | Weight |
|-------------------------------------------------------------------------------------|-------------------------|--------------------|-----------------|---------------------|-----|-------|------|---------|------|-------|--------|
|  | SS1053                  | G                  | mm              | Bar                 | Bar | l/min | PTFE | Opsiyon |      |       | kg     |
|                                                                                     | SS1053.03.018           | 1/2"               | 18              | 0                   | 50  | 1.6   | ✓    | NBR     | EPDM | VITON | 0.44   |
|                                                                                     | SS1053.03.025           | 1/2"               | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.44   |
|                                                                                     | SS1053.04.018           | 3/4"               | 18              | 0                   | 50  | 1.6   | ✓    | ✓       | ✓    | ✓     | 0.79   |
|                                                                                     | SS1053.04.025           | 3/4"               | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.79   |
|                                                                                     | SS1053.05.018           | 1"                 | 18              | 0                   | 50  | 1.6   | ✓    | ✓       | ✓    | ✓     | 0.77   |
|                                                                                     | SS1053.05.025           | 1"                 | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.77   |

### STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 120.3)) are available on request.

- TORK solenoid valves 97/23/EC, are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (LVD).

**Not:** Please look catalogues for more details

## Stainless Steel Solenoid Valve SS1053 Series (G1/8", G1/4", G3/8")

### GENERAL FEATURES

- Wide pressure range, flow rate and orific options.
- Solenoid valves are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation, coil to be used in a vertical position.
- It is applicable for natural gas, lpg, methane, butane, propane, gas, noncorrosive gas. These are applicable for valve usage
- Operating Temperature: -10 °C / +160 °C
- No pressure difference is required.

### ELECTRICAL CHARACTERISTICS

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| Continuous Duty          | : ED %100                                                                                                   |
| Coil Insulation Class    | : H (180°C)(IEC 85)                                                                                         |
| Coil Impregnation        | : Polyester Fiber Glass                                                                                     |
| Ambient Temperature      | : -10°C, +60°C                                                                                              |
| Protection Degree        | : IP65 (ISO 60529) On request:IP68                                                                          |
| Electric Plug Connection | : DIN 46340 3- Poles Connector(DIN43650)                                                                    |
| Connector Specification  | : ISO 4400 / EN 175301-803 Form A, Spade Plug (Cable Ø6-8 mm)                                               |
| Electrical Safety        | : IEC 335                                                                                                   |
| Standard Voltages        | : AC 12V 15VA, 24V 15VA, 48V, 15VA, 110V 15VA, 230V 15VA, 230V 24VA, DC 12V 18W, 24V 18W, 48V,18W, 110V 18W |

On request other voltages

Voltages Tolerance : AC -15%, +10% DC -5%, +10%

Frequency : 50 Hz (60 Hz...)

On request; Connector with LED, PWM Socket

Specify coil voltage with order.

### MATERIALS IN CONTACT WITH FLUID

|                           |                                       |
|---------------------------|---------------------------------------|
| Body                      | : Stainless Steel (AISI 316)          |
| Internal Parts            | : Stainless Steel,                    |
| Sealing                   | : PTFE on request<br>NBR, VITON, EPDM |
| Shading Ring              | : Copper (EN 12735-1)                 |
| Seats, Core Tube, Springs | : Stainless Steel                     |

### OPTIONS

Female connection: BSP; (On request NPT)

- On request Atex (exproof) coil.

### TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cST veya mm²/s)

Response Time : Opening time : 30 ms

Closing Time : 30 ms

### SEALS FEATURES

NBR : -10°C...+80°C

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PTFE : -10°C...+160°C

RUBY : -10°C...+160°C

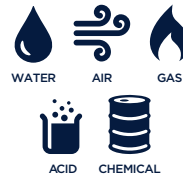


NORMALLY CLOSED

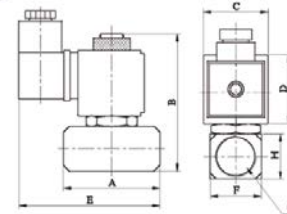
2 WAY

DIRECT ACTING

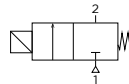
ΔP=0



| Dimensions (mm) |      |      |    |    |      |      |      |
|-----------------|------|------|----|----|------|------|------|
| G               | A    | B    | C  | D  | E    | F    | H    |
| 1/8"            | 44.1 | 76.5 | 32 | 39 | 77.4 | 24.5 | 24.5 |
| 1/4"            | 44.1 | 76.5 | 32 | 39 | 77.4 | 24.5 | 24.5 |
| 3/8"            | 50   | 76.5 | 32 | 39 | 77.4 | 24.5 | 24.5 |



| Coils         | Nominal Values | Cold/ Hot | Inrush | Holding | Current (A) | Surface Temperature (°C) |
|---------------|----------------|-----------|--------|---------|-------------|--------------------------|
| C40012VDC18W  | 12VDC 18W      | COLD      | 19,56  | 19,56   | 1,63        | 20                       |
|               |                | HOT       | 14,52  | 14,52   | 1,21        | 106                      |
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|               |                | HOT       | 13,56  | 13,56   | 0,123       | 115                      |
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| C40230VAC15VA | 230VAC 15VA    | COLD      | 31,4   | 15,64   | 0,068       | 25                       |
|               |                | HOT       | -      | 14,41   | 0,063       | 80                       |
| C40230VAC15VA | 230VAC 24VA    | COLD      | 45,1   | 23,92   | 0,0154      | 23                       |
|               |                | HOT       | -      | 21,62   | 0,0154      | 100                      |

| Solenoid Valve Symbol                                                               | Valve Type/<br>Order No | Connection<br>Size | Orifice<br>Size | Pressure<br>min/max |     | Kv    | Seal |         |      |       | Weight |
|-------------------------------------------------------------------------------------|-------------------------|--------------------|-----------------|---------------------|-----|-------|------|---------|------|-------|--------|
|  | SS1058                  | G                  | mm              | Bar                 | Bar | l/min | PTFE | Opstyon |      |       | kg     |
|                                                                                     |                         |                    |                 |                     |     |       |      | NBR     | EPDM | VITON |        |
|                                                                                     | SS1053.00.018           | 1/8"               | 1.8             | 0                   | 50  | 16    | ✓    | ✓       | ✓    | ✓     | 0.44   |
|                                                                                     | SS1053.00.025           | 1/8"               | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.44   |
|                                                                                     | SS1053.01.018           | 1/4"               | 1.8             | 0                   | 50  | 16    | ✓    | ✓       | ✓    | ✓     | 0.43   |
|                                                                                     | SS1053.01.025           | 1/4"               | 2.5             | 0                   | 20  | 3.2   | ✓    | ✓       | ✓    | ✓     | 0.43   |
|                                                                                     | SS1053.02.018           | 3/8"               | 1.8             | 0                   | 50  | 1.8   | ✓    | ✓       | ✓    | ✓     | 0.50   |
| SS1053.02.025                                                                       | 3/8"                    | 2.5                | 0               | 20                  | 3.2 | ✓     | ✓    | ✓       | ✓    | 0.50  |        |

### STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 120.3)) are available on request.

- TORK solenoid valves 97/23/EC, are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (LVD).

**Not:** Please look catalogues for more details

## Stainless Steel Solenoid Valve SS1053 Series (G1/2", G3/4", G1")

### GENERAL FEATURES

- Wide pressure range, flow rate and orific options.
- Solenoid valves are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation, coil to be used in a vertical position.
- It is applicable for natural gas, lpg, methane, butane, propane, gas, noncorrosive gas. These are applicable for valve usage
- Operating Temperature: -10 °C / +160 °C
- No pressure difference is required.

### ELECTRICAL CHARACTERISTICS

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| Continuous Duty          | : ED %100                                                                                                   |
| Coil Insulation Class    | : H (180°C)(IEC 85)                                                                                         |
| Coil Impregnation        | : Polyester Fiber Glass                                                                                     |
| Ambient Temperature      | : -10°C, +60°C                                                                                              |
| Protection Degree        | : IP65 (ISO 60529) On request:IP68                                                                          |
| Electric Plug Connection | : DIN 46340 3- Poles Connector(DIN43650)                                                                    |
| Connector Specification  | : ISO 4400 / EN 175301-803 Form A, Spade Plug (Cable Ø6-8 mm)                                               |
| Electrical Safety        | : IEC 335                                                                                                   |
| Standard Voltages        | : AC 12V 15VA, 24V 15VA, 48V, 15VA, 110V 15VA, 230V 15VA, 230V 24VA, DC 12V 18W, 24V 18W, 48V,18W, 110V 18W |

On request other voltages

Voltages Tolerance : AC -15%, +10% DC -5%, +10%

Frequency : 50 Hz (60 Hz...)

On request; Connector with LED, PWM Socket

Specify coil voltage with order.

### MATERIALS IN CONTACT WITH FLUID

|                            |                                       |
|----------------------------|---------------------------------------|
| Body                       | : Stainless Steel (AISI 316)          |
| Internal Parts             | : Stainless Steel,                    |
| Sealing                    | : PTFE on request<br>NBR, VITON, EPDM |
| Shading Ring               | : Copper (EN 12735-1)                 |
| Seats, Core Tube, Springs  | : Stainless Steel                     |
| On Request; sealing can be | NBR, EPDM                             |

### OPTIONS

Female connection: BSP; (On request NPT)

- On request Atex (exproof) coil.

### TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cSt veya mm²/s)

Response Time : Opening time : 30 ms

Closing Time : 30 ms

### SEALS FEATURES

NBR : -10°C...+80°C

EPDM : -10°C...+130°C

VITON : -10°C...+160°C

PTFE : -10°C...+160°C

RUBY : -10°C...+160°C

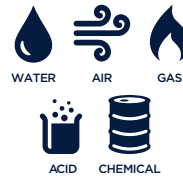


NORMALLY CLOSED

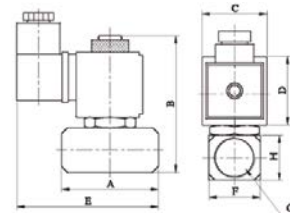
2 WAY

DIRECT ACTING

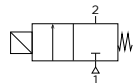
ΔP=0



| Dimensions (mm) |    |      |    |    |      |      |      |
|-----------------|----|------|----|----|------|------|------|
| G               | A  | B    | C  | D  | E    | F    | H    |
| 1/2"            | 50 | 86.5 | 32 | 39 | 81.5 | 24.5 | 24.5 |
| 3/4"            | 60 | 86.5 | 32 | 39 | 81.5 | 30   | 30   |
| 1"              | 60 | 86.5 | 32 | 39 | 81.5 | 40   | 40   |



| Coils         | Nominal Values | Cold/ Hot | Inrush | Holding | Current (A) | Surface Temperature (°C) |
|---------------|----------------|-----------|--------|---------|-------------|--------------------------|
| C40012VDC18W  | 12VDC 18W      | COLD      | 19.56  | 19.56   | 1.63        | 20                       |
|               |                | HOT       | 14.52  | 14.52   | 1.21        | 106                      |
| C40024VDC18W  | 24VDC 18W      | COLD      | 20.88  | 20.88   | 0.87        | 25                       |
|               |                | HOT       | 14.64  | 14.64   | 0.61        | 116                      |
| C40110VDC18W  | 110VDC 18W     | COLD      | 19.96  | 19.96   | 0.18        | 23                       |
|               |                | HOT       | 13.56  | 13.56   | 0.123       | 115                      |
| C40012VAC15VA | 12VAC 15VA     | COLD      | 23.81  | 16.43   | 1.3         | 25                       |
|               |                | HOT       | -      | 15.86   | 1.262       | 79                       |
| C40024VAC15VA | 24VAC 15VA     | COLD      | 25.82  | 15.02   | 0.62        | 22                       |
|               |                | HOT       | -      | 13.91   | 0.57        | 81                       |
| C40110VAC15VA | 110VAC 15VA    | COLD      | 30.65  | 15.17   | 0.137       | 24                       |
|               |                | HOT       | -      | 13.96   | 0.126       | 80                       |
| C40230VAC15VA | 230VAC 15VA    | COLD      | 31.4   | 15.64   | 0.068       | 25                       |
|               |                | HOT       | -      | 14.41   | 0.063       | 80                       |
| C40230VAC15VA | 230VAC 24VA    | COLD      | 45.1   | 23.92   | 0.0154      | 23                       |
|               |                | HOT       | -      | 21.62   | 0.0154      | 100                      |

| Solenoid Valve Symbol                                                               | Valve Type/<br>Order No | Connection<br>Size | Orifice<br>Size | Pressure<br>min/max |     | Kv    | Seal    |   |   |   | Weight |
|-------------------------------------------------------------------------------------|-------------------------|--------------------|-----------------|---------------------|-----|-------|---------|---|---|---|--------|
|  | SS1053                  | G                  | mm              | Bar                 | Bar | l/min | Opsiyon |   |   |   | kg     |
|                                                                                     | SS1053.03.018           | 1/2"               | 18              | 0                   | 50  | 1.6   | ✓       | ✓ | ✓ | ✓ | 0.44   |
|                                                                                     | SS1053.03.025           | 1/2"               | 2.5             | 0                   | 20  | 3.2   | ✓       | ✓ | ✓ | ✓ | 0.44   |
|                                                                                     | SS1053.04.018           | 3/4"               | 18              | 0                   | 50  | 1.6   | ✓       | ✓ | ✓ | ✓ | 0.79   |
|                                                                                     | SS1053.04.025           | 3/4"               | 2.5             | 0                   | 20  | 3.2   | ✓       | ✓ | ✓ | ✓ | 0.79   |
|                                                                                     | SS1053.05.018           | 1"                 | 18              | 0                   | 50  | 1.6   | ✓       | ✓ | ✓ | ✓ | 0.77   |
|                                                                                     | SS1053.05.025           | 1"                 | 2.5             | 0                   | 20  | 3.2   | ✓       | ✓ | ✓ | ✓ | 0.77   |

### STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 120.3)) are available on request.

- TORK solenoid valves 97/23/EC, are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (LVD).

**Not:** Please look catalogues for more details