

GENERAL FEATURES

- **Small body size.**
- **Circular body**
- **High pressure model available on request;**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature: -10°C / +160°C
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure to operate**
- Compact and low weight valve enabling easy and quick installation
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- On request; solenoid valve can have 2 mounting holes at the bottom of the body.
- Ideal for the automatic control of media in a wide range of applications.
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

Continuous Duty : ED %100
 Coil Insulation Class : H (180°C)
 Coil Impregnation : Polyester Fiber Glass
 Coil Encapsulation Material : Fiber Glass Reinforced
 Ambient Temperature : from -10°C; +60°C
 Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
 Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
 Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
 Electrical Safety : IEC 335
 Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
 For DC 12V, 24V, 48V, 110V

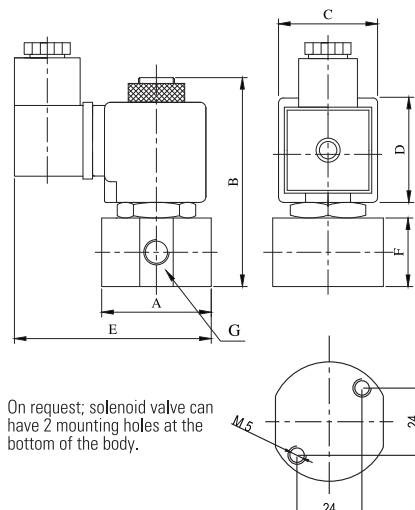
Other voltages on request;
 Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
 Frequency : 50 Hz , other frequencies on request; (60 Hz)
 On request; connector with LED
 Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID TECHNICAL FEATURES

Body : Stainless Steel
 Internal Parts : Stainless Steel
 Sealing : PTFE
 Shading Ring : Copper
 Seats : Stainless Steel
 Core Tube : Stainless Steel
 Springs : Stainless Steel
 On request; sealing can be FPM (VITON)

Max Viscosity : 5°E (~37cSt or mm²/s)
 Response Time : Opening Time:30 ms,
 Closing Time :30 ms
 Maximum Allowable Pressure:25 bar
 Fluid Temperature for FPM from -10°C; +160°C

Normally Closed



Dimensions (mm)

	G	A	B	C	D	E	F
1/8"	40	78.5	32	39	72	25	
1/4"	40	78.5	32	39	72	25	
3/8"	40	78.5	32	39	72	25	

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure		KV	Fluid Temperature		Seal	Weight
				min	max		min	max		
T-SY	S6070	G	mm	bar	bar	lt/min	°C			(kg)
T-SY 600	S6070.00.025	1/8"	2.5	0	12	3.2	-10	160	PTFE	0.46
T-SY 600.1,8	S6070.00.018	1/8"	1.8	0	16	1.6	-10	160	PTFE	0.46
T-SY 600.3	S6070.00.030	1/8"	3	0	10	4.6	-10	160	PTFE	0.46
T-SY 600.4	S6070.00.040	1/8"	4	0	9	6.4	-10	160	PTFE	0.46
T-SY 600.5	S6070.00.050	1/8"	5	0	7	9.2	-10	160	PTFE	0.46
T-SY 600.6	S6070.00.060	1/8"	6	0	6	11	-10	160	PTFE	0.46
T-SY 601	S6070.01.025	1/4"	2.5	0	12	3.2	-10	160	PTFE	0.45
T-SY 601.1,8	S6070.01.018	1/4"	1.8	0	16	1.6	-10	160	PTFE	0.45
T-SY 601.3	S6070.01.030	1/4"	3	0	10	4.6	-10	160	PTFE	0.45
T-SY 601.4	S6070.01.040	1/4"	4	0	9	6.4	-10	160	PTFE	0.45
T-SY 601.5	S6070.01.050	1/4"	5	0	7	9.2	-10	160	PTFE	0.45
T-SY 601.6	S6070.01.060	1/4"	6	0	6	11	-10	160	PTFE	0.45
T-SY 602.5	S6070.02.050	3/8"	5	0	7	9.2	-10	160	PTFE	0.42
T-SY 602	S6070.02.070	3/8"	7	0	5	12.4	-10	160	PTFE	0.42

Useful Informations

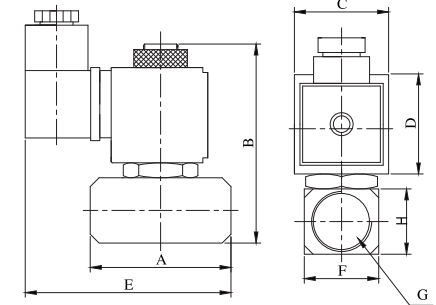
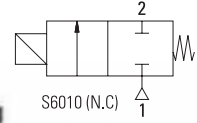
1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa , 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
 Sealings:., FPM (VITON):Fluoro-Carbon Elastomer, PTFE:Polytetrafluorethylene

B

GENERAL FEATURES

- **TORK series S6010 direct acting stainless steel solenoid valves are 2/2 way normally closed and have small body size.**
- **Square body**
- **High pressure model available on request**
- Suitable for non-aggressive liquid (water , light oil (2E) etc...), gaseous fluids (air, inert gases etc...)
- Working Temperature: -10°C ; +160°C
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure**
- Compact and low weight valve enabling easy and quick installation
- High reliability, quality and performance, long life , corrosion resistance
- Wide pressure ratings , range of flow rate and orifice options
- **On request; solenoid valve can have 2 mounting holes at the bottom of the body.**
- Ideal for the automatic control of media in a wide range of applications.
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- The flow factor Kv of each valve is indicated , so that the flow Q can be calculated as a function of pressure
- The solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation ; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request other pipe connections are available (NPT (ANSI 1.20.3))

Normally Closed



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"	44.1	76.5	32	39	77.4	24.5	24.5	

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
- Coil Insulation Class : H (1800C)
- Coil Impregnation : Polyester Fiber Glass
- Coil Encapsulation Material : Fiber Glass Reinforced
- Ambient Temperature : from -10°C ; +60°C
- Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
- Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
- Connector Specification : ISO 4400 / EN 175301-803 , Form A, Spade plug (Cable Ø 6-8 mm)
- Electrical Safety : IEC 335
- Standard Voltages : For AC 12V , 24V , 48V , 110V , 230V
For DC 12V , 24V , 48V , 110 V

- Other voltages on request
- Voltage Tolerances : For AC %-15 ; %+10 , For DC %-5 ; %+10
- Frequency : 50 Hz , other frequencies on request (60 Hz)
- On request connector with LED
- Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

- Body : Stainless Steel
- Internal Parts : Stainless Steel
- Sealing : PTFE
- Shading Ring : Copper
- Seats : Stainless Steel
- Core Tube : Stainless Steel
- Springs : Stainless Steel
- On request sealing can be FPM (VITON)

TECHNICAL FEATURES

- Max Viscosity : 5°E (~37cSt or mm²/s)
- Response Time : Opening Time:30 ms,
Closing Time :30 ms
- Maximum Allowable Pressure:25 bar
- Fluid Temperature for FPM from -10°C ; +160°C

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar		min	°C max		
T-SK 600	S6010.00.018	1/8"	1.8	0	16	1.6	-10	160	PTFE	0.44
T-SK 600.2,5	S6010.00.025	1/8"	2.5	0	12	3.2	-10	160	PTFE	0.44
T-SK 600.3	S6010.00.030	1/8"	3	0	10	4.6	-10	160	PTFE	0.44
T-SK 600.4	S6010.00.040	1/8"	4	0	9	6.4	-10	160	PTFE	0.44
T-SK 600.5	S6010.00.050	1/8"	5	0	7	9.2	-10	160	PTFE	0.44
T-SK 600.6	S6010.00.060	1/8"	6	0	6	11	-10	160	PTFE	0.44
T-SK 601	S6010.01.018	1/4"	1.8	0	16	1.6	-10	160	PTFE	0.43
T-SK 601.2,5	S6010.01.025	1/4"	2.5	0	12	3.2	-10	160	PTFE	0.43
T-SK 601.3	S6010.01.030	1/4"	3	0	10	4.6	-10	160	PTFE	0.43
T-SK 601.4	S6010.01.040	1/4"	4	0	9	6.4	-10	160	PTFE	0.43
T-SK 601.5	S6010.01.050	1/4"	5	0	7	9.2	-10	160	PTFE	0.43
T-SK 601.6	S6010.01.060	1/4"	6	0	6	11	-10	160	PTFE	0.43
T-SK 602	S6010.02.050	3/8"	5	0	7	9.2	-10	160	PTFE	0.42
T-SK 602.6	S6010.02.060	3/8"	6	0	6	11	-10	160	PTFE	0.42
T-SK 602.7	S6010.02.070	3/8"	7	0	5	12.4	-10	160	PTFE	0.42
T-SK 602.8	S6010.02.080	3/8"	8	0	3	13.5	-10	160	PTFE	0.42
T-SK 602.9	S6010.02.090	3/8"	9	0	2	16	-10	160	PTFE	0.42
T-SK 602.10	S6010.02.100	3/8"	10	0	1	19	-10	160	PTFE	0.42

Useful Informations

1 bar : 14,5 PSI : 10 mH2O : 10 N/cm2 : 1 kg/cm2 : 100000 Pa , 1 PSI : 69 mbar,1 m3/h : 4,405 GPM : 16,7 L/d 1 Gallon / minute : 0,227 m3/h, 0°C : 89,6 F
Sealings:, FPM (VITON) : Fluoro-Carbon Elastomer , PTFE : Polytetrafluorethylene

GENERAL FEATURES

- **TORK series S6078 direct acting plate mounting Stainless Steel solenoid valves are 2/2 way normally closed and have small body size.**
- **On request manuel override**
- **Without manuel override, for small body (1/8" and 1/4"),square type body and easy installation**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature:-10°C / +160°C
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure**
- Compact and low weight valve enabling and quick installation
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- **On request; solenoid valve can have 4 mounting holes at the bottom of the body.**
- Ideal for the automatic control of media in a wide range of applications.
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
- Coil Insulation Class : H (180°C)
- Coil Impregnation : Polyester Fiber Glass
- Coil Encapsulation Material : Fiber Glass Reinforced
- Ambient Temperature : from -10°C; +60°C
- Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
- Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
- Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø 6-8 mm)
- Electrical Safety : IEC 335
- Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
For DC 12V, 24V, 48V, 110 V

- Other voltages on request;
- Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
- Frequency : 50 Hz , other frequencies on request; (60 Hz)
- On request; connector with LED
- Specify coil voltage with order

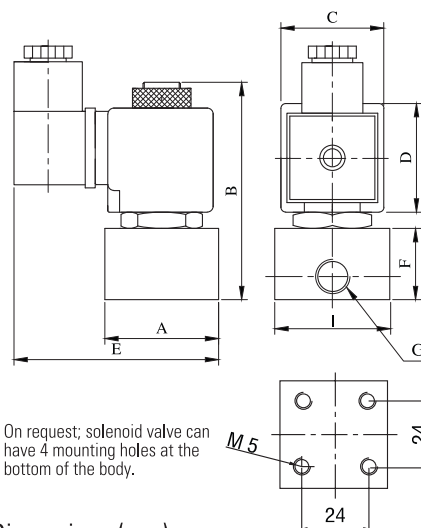
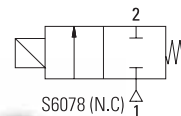
MATERIALS IN CONTACT WITH FLUID TECHNICAL FEATURES

- Body : Stainless Steel
- Internal Parts : Stainless Steel
- Sealing : PTFE
- Shading Ring : Copper
- Seats : Brass
- Core Tube : Stainless Steel
- Springs : Stainless Steel

- Max Viscosity : 5°E (~37cSt or mm²/s)
- Response Time : Opening Time:30 ms,
Closing Time :30 ms
- Maximum Allowable Pressure:30 bar and 100 bar
(for S6078.00.010 and S6078.01.010)

Normally Closed

Plate Mounting



On request; solenoid valve can have 4 mounting holes at the bottom of the body.

Dimensions (mm)

	G	A	B	C	D	E	F	I	H
1/8"	35	78.5	32	39	68	26.5	35	-	-
1/4"	35	78.5	32	39	68	26.5	35	-	-

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure		KV	Fluid Temperature		Seal	Weight
				min	max		min	max		
T-SP	S6078	G	mm	bar	bar	lt/min	min	max		(kg)
T-SP 100	S6078.00.030	1/8"	3	0	10	4.6	-10	160	PTFE	0.47
T-SP 100.1	S6078.00.010	1/8"	1	0	100	0.6	-10	160	PTFE	0.47
T-SP 100.1,8	S6078.00.018	1/8"	1.8	0	16	1.6	-10	160	PTFE	0.47
T-SP 100.2,5	S6078.00.025	1/8"	2.5	0	12	3.2	-10	160	PTFE	0.47
T-SP 100.4	S6078.00.040	1/8"	4	0	9	6.4	-10	160	PTFE	0.47
T-SP 100.5	S6078.00.050	1/8"	5	0	7	9.2	-10	160	PTFE	0.47
T-SP 101	S6078.01.030	1/4"	3	0	10	4.6	-10	160	PTFE	0.46
T-SP 101.1	S6078.01.010	1/4"	1	0	100	0.6	-10	160	PTFE	0.46
T-SP 101.1,8	S6078.01.018	1/4"	1.8	0	16	1.6	-10	160	PTFE	0.46
T-SP 101.2,5	S6078.01.025	1/4"	2.5	0	12	3.2	-10	160	PTFE	0.46
T-SP 101.4	S6078.01.040	1/4"	4	0	9	6.4	-10	160	PTFE	0.46
T-SP 101.5	S6078.01.050	1/4"	5	0	7	9.2	-10	160	PTFE	0.46
T-SP 101.6	S6078.01.060	1/4"	6	0	5	11	-10	160	PTFE	0.46
T-SP 101.7	S6078.01.070	1/4"	7	0	4	12.4	-10	160	PTFE	0.46

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa , 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:PTFE:Polytetrafluorethylene

B

GENERAL FEATURES

- **Small body size.**
- **Square body, large orifice, high flow rate**
- **Connection size 1/2", 3/4" and 1".**
- **High pressure model available on request;**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature: -10°C / +160°C
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure**
- Compact and low weight valve enabling easy and quick installation
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- **On request; solenoid valve can have 2 mounting holes at the bottom of the body.**
- Ideal for the automatic control of media in a wide range of applications.
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

Continuous Duty	: ED %100
Coil Insulation Class	: H (180°C)
Coil Impregnation	: Polyester Fiber Glass
Coil Encapsulation Material	: Fiber Glass Reinforced
Ambient Temperature	: from -10°C; +60°C
Protection Degree	: IP 65 (EN 60529) with coil duly fitted with the plug connector
Electric Plug Connection	: DIN 46340 3-poles connectors (DIN 43650)
Connector Specification	: ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
Electrical Safety	: IEC 335
Standard Voltages	: For AC 12V, 24V, 48V, 110V, 230V For DC 12V, 24V, 48V, 110 V

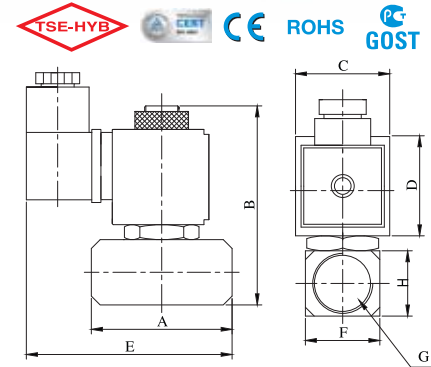
Other voltages on request;
Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
Frequency : 50 Hz , other frequencies on request; (60 Hz)
On request; connector with LED
Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID TECHNICAL FEATURES

Body:Stainless Steel
Internal Parts:Stainless Steel
Sealing:PTFE
Shading Ring:Copper
Seats:Stainless Steel
Core Tube:Stainless Steel
Springs:Stainless Steel
On request; sealing can be FPM (VITON)

Max Viscosity:5°E (~37cSt or mm²/s)
Response Time:Opening Time:30 ms,
Closing Time :30 ms
Maximum Allowable Pressure:10 bar
Fluid Temperature for FPM from -10°C; +160°C

Normally Closed



Dimensions (mm)

	G	A	B	C	D	E	F	H
1/2"	60	86.5	32	39	81.5	30	30	30
3/4"	60	86.5	32	39	81.5	30	30	30
1"	60	86.5	32	39	81.5	30	30	30

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar		min °C	max		
T-SK 603	S6010.03.070	1/2"	7	0	5	12.4	-10	160	PTFE	0.41
T-SK 603.5	S6010.03.050	1/2"	5	0	7	9.2	-10	160	PTFE	0.41
T-SK 603.6	S6010.03.060	1/2"	6	0	6	11	-10	160	PTFE	0.41
T-SK 603.8	S6010.03.080	1/2"	8	0	3	13.5	-10	160	PTFE	0.41
T-SK 603.9	S6010.03.090	1/2"	9	0	2	16	-10	160	PTFE	0.41
T-SK 603.10	S6010.03.100	1/2"	10	0	1	19	-10	160	PTFE	0.41
T-SK 604	S6010.04.050	3/4"	5	0	7	9.2	-10	160	PTFE	0.79
T-SK 604.6	S6010.04.060	3/4"	6	0	6	11	-10	160	PTFE	0.79
T-SK 604.7	S6010.04.070	3/4"	7	0	5	12.4	-10	160	PTFE	0.79
T-SK 604.8	S6010.04.080	3/4"	8	0	3	13.5	-10	160	PTFE	0.79
T-SK 604.9	S6010.04.090	3/4"	9	0	2	16	-10	160	PTFE	0.79
T-SK 604.10	S6010.04.100	3/4"	10	0	1	19	-10	160	PTFE	0.79
T-SK 605	S6010.05.050	1"	5	0	7	9.2	-10	160	PTFE	0.77
T-SK 605.6	S6010.05.060	1"	6	0	6	11	-10	160	PTFE	0.77
T-SK 605.7	S6010.05.070	1"	7	0	5	12.4	-10	160	PTFE	0.77
T-SK 605.8	S6010.05.080	1"	8	0	3	13.5	-10	160	PTFE	0.77
T-SK 605.9	S6010.05.090	1"	9	0	2	16	-10	160	PTFE	0.77
T-SK 605.10	S6010.05.100	1"	10	0	1	19	-10	160	PTFE	0.77

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa , 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:., FPM (VITON):Fluoro-Carbon Elastomer, PTFE:Polytetrafluorethylene

GENERAL FEATURES

- **TORK series S6080 direct acting plate mounting Stainless Steel solenoid valves are 2/2 way normally open and have small body size.**
- **On request manuel override**
- **Without manuel override, for small body (1/8" and 1/4"),square type body and easy installation**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature:-10°C / +160°C
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure**
- Compact and low weight valve enabling and quick installation
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- **On request; solenoid valve can have 4 mounting holes at the bottom of the body.**
- Ideal for the automatic control of media in a wide range of applications.
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
 Coil Insulation Class : H (180°C)
 Coil Impregnation : Polyester Fiber Glass
 Coil Encapsulation Material : Fiber Glass Reinforced
 Ambient Temperature : from -10°C; +60°C
 Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
 Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
 Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
- Electrical Safety : IEC 335
 Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
 For DC 12V, 24V, 48V, 110 V
- Other voltages on request;
 Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
 Frequency : 50 Hz , other frequencies on request; (60 Hz)
 On request; connector with LED
 Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

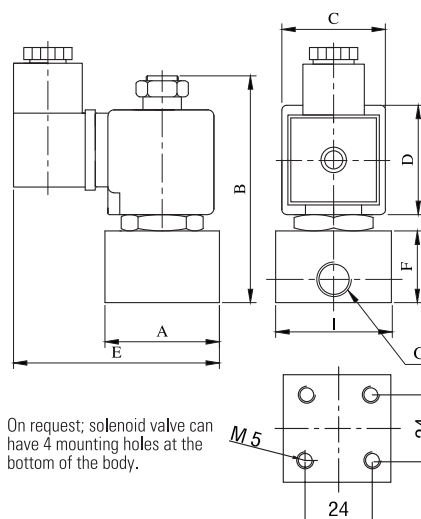
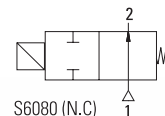
- Body : Stainless Steel
 Internal Parts : Stainless Steel
 Sealing : PTFE
 Shading Ring : Copper
 Seats : Brass
 Core Tube : Stainless Steel
 Springs : Stainless Steel

TECHNICAL FEATURES

- Max Viscosity : 5°E (~37cSt or mm²/s)
 Response Time : Opening Time:30 ms, Closing Time :30 ms
 Maximum Allowable Pressure:20 bar

Normally Open

Plate Mounting



Dimensions (mm)

	G	A	B	C	D	E	F	I	H
1/8"	35	82	32	39	68	26.5	35	-	-
1/4"	35	82	32	39	68	26.5	35	-	-

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar		min °C	max		
T-SPN	S6080	G	mm			lt/min				
T-SPN 100	S6080.00.018	1/8"	1.8	0	12	1.6	-10	160	PTFE	0.48
T-SPN 100.2,5	S6080.00.025	1/8"	2.5	0	10	3.2	-10	160	PTFE	0.48
T-SPN 100.3	S6080.00.030	1/8"	3	0	5	4.6	-10	160	PTFE	0.48
T-SPN 101	S6080.01.018	1/4"	1.8	0	12	1.6	-10	160	PTFE	0.47
T-SPN 101.2,5	S6080.01.025	1/4"	2.5	0	10	3.2	-10	160	PTFE	0.47
T-SPN 101.3	S6080.01.030	1/4"	3	0	5	4.6	-10	160	PTFE	0.47

Useful Informations

1 bar:14,5 PSI:10 mH2O:10 N/cm2:1 kg/cm2:100000 Pa , 1 PSI:69 mbar,1 m3/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m3/h, 0°C:89,6 F
 Sealings:PTFE:Polytetrafluorethylene

B

GENERAL FEATURES

- **Small body size.**
- **Circular body**
- **Valves especially used on exhaust systems**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature: -10°C / +160°C
- **On request; top exhaust with 1 mm, 1,8 mm and 2,5 mm orifice and seals**
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure to operate**
- Compact and low weight valve enabling and quick installation
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- **On request; solenoid valve can have 2 mounting holes at the bottom of the body.**
- Ideal for the automatic control of media in a wide range of applications
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
- Coil Insulation Class : H (180°C)
- Coil Impregnation : Polyester Fiber Glass
- Coil Encapsulation Material : Fiber Glass Reinforced
- Ambient Temperature : from -10°C; +60°C
- Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
- Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
- Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
- Electrical Safety : IEC 335
- Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
For DC 12V, 24V, 48V, 110 V

- Other voltages on request;
- Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
- Frequency : 50 Hz , other frequencies on request; (60 Hz)
- On request; connector with LED
- Specify coil voltage with order

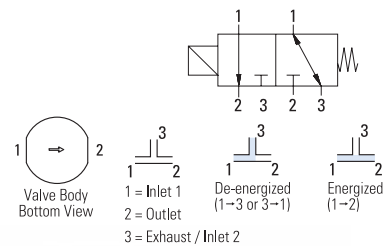
MATERIALS IN CONTACT WITH FLUID

- Body : Stainless Steel
- Internal Parts : Stainless Steel
- Sealing : FPM (VITON)
- Shading Ring : Copper
- Seats : Stainless Steel
- Core Tube : Stainless Steel
- Springs : Stainless Steel
- On request; sealing can be PTFE

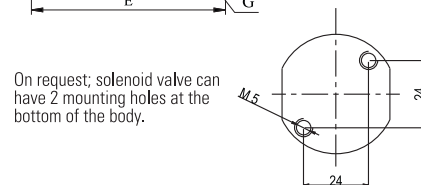
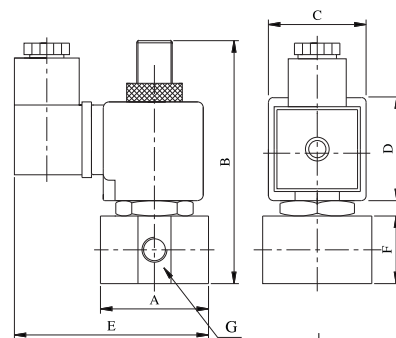
TECHNICAL FEATURES

- Max Viscosity : 5°E (-37cSt or mm²/s)
- Response Time : Opening Time:30 ms, Closing Time :30 ms
- Maximum Allowable Pressure:20 bar
- Fluid Temperature for FPM from -10°C; +160°C

Normally Closed



S6075 (N.C)



On request; solenoid valve can have 2 mounting holes at the bottom of the body.

Dimensions (mm)

	G	A	B	C	D	E	F
1/8"	40	88.5	32	39	72	25	
1/4"	40	88.5	32	39	72	25	

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight	
				bar	bar		min	°C max			
T-SY.3W	S6075	G	mm	bar	bar	lt/min				(kg)	
					Liquid	Air					
T-SY.3W 600	S6075.00.025	1/8"	2.5	0	1	10	1-2=2,7 , 2-3=2,7	-10	160	VITON	0.46
T-SY.3W 600,1,8	S6075.00.018	1/8"	1.8	0	2	14	1-2=1,35 , 2-3=2,7	-10	160	VITON	0.46
T-SY.3W 601	S6075.01.025	1/4"	2.5	0	1	10	1-2=2,7 , 2-3=2,7	-10	160	VITON	0.45
T-SY.3W 601,1,8	S6075.01.018	1/4"	1.8	0	2	14	1-2=1,35 , 2-3=2,7	-10	160	VITON	0.45

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa , 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:., FPM (VITON);Fluoro-Carbon Elastomer, PTFE:Polytetrafluorethylene

GENERAL FEATURES

- **Small body size.**
- **Square body**
- **Valves especially used on exhaust systems**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature: -10°C / +160°C
- **On request; top exhaust with 1 mm, 1,8 mm and 2,5 mm orifice and seals**
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure**
- Compact and low weight valve enabling and quick installation
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- **On request; solenoid valve can have 2 mounting holes at the bottom of the body.**
- Ideal for the automatic control of media in a wide range of applications
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standart pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
- Coil Insulation Class : H (180°C)
- Coil Impregnation : Polyester Fiber Glass
- Coil Encapsulation Material : Fiber Glass Reinforced
- Ambient Temperature : from -10°C; +60°C
- Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
- Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
- Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
- Electrical Safety : IEC 335
- Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
For DC 12V, 24V, 48V, 110 V

- Other voltages on request;
- Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
- Frequency : 50 Hz , other frequencies on request; (60 Hz)
- On request; connector with LED
- Specify coil voltage with order

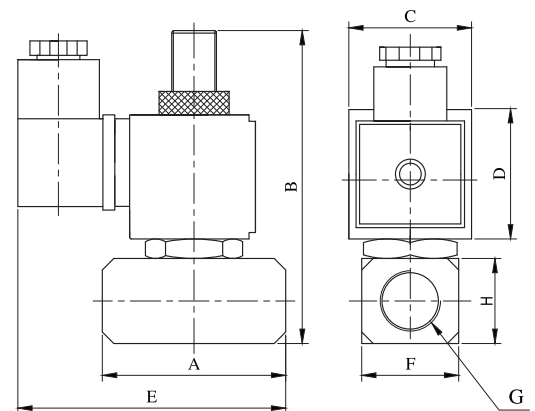
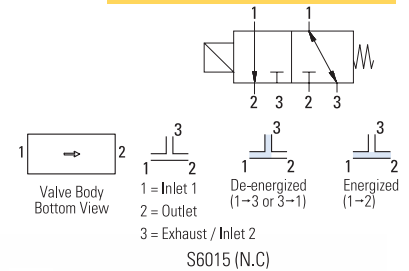
MATERIALS IN CONTACT WITH FLUID

- Body : Stainless Steel
- Internal Parts : Stainless Steel
- Sealing : FPM (VITON)
- Shading Ring : Copper
- Seats : Stainless Steel
- Core Tube : Stainless Steel
- Springs : Stainless Steel
- On request; sealing can be PTFE

TECHNICAL FEATURES

- Max Viscosity : 5°E (~37cSt or mm²/s)
- Response Time : Opening Time:30 ms, Closing Time :30 ms
- Maximum Allowable Pressure:20 bar
- Fluid Temperature for PTFE from -10°C; +160°C

Normally Closed



Dimensions (mm)

	G	A	B	C	D	E	F	H
1/8"	44.1	86.5	32	39	77.4	24.5	24.5	
1/4"	44.1	86.5	32	39	77.4	24.5	24.5	

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight	
				bar	bar		min	°C max			(kg)
T-SK.3W	S6015	G	mm	bar	Liquid	Air	lt/min	min	°C max		(kg)
T-SK.3W 600	S6015.00.025	1/8"	2.5	0	1	10	1-2=2,7, 2-3=2,7	-10	160	VITON	0.44
T-SK.3W 600.1,8	S6015.00.018	1/8"	1.8	0	2	14	1-2=1,35, 2-3=2,7	-10	160	VITON	0.44
T-SK.3W 601	S6015.01.025	1/4"	2.5	0	1	10	1-2=2,7, 2-3=2,7	-10	160	VITON	0.43
T-SK.3W 601.1,8	S6015.01.018	1/4"	1.8	0	2	14	1-2=1,35, 2-3=2,7	-10	160	VITON	0.43

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa , 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:., FPM (VITON):Fluoro-Carbon Elastomer, PTFE:Polytetrafluorethylene

B

GENERAL FEATURES

- **TORK series S6079(N.C)** direct acting plate mounting Stainless Steel solenoid valves are 3/2 way normally closed and have small body size.
- **Without manual override, for small body (1/8" and 1/4"), square type body and easy installation**
- **Valves especially used on exhaust systems**
- **On request manuel override**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature:-10°C / +160°C
- **On request; upper exhaust with 1 mm, 1,8 mm and 2,5 mm orifice and seals**
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure**
- Compact and low weight valve enabling and quick installation
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- **On request; solenoid valve can have 4 mounting holes at the bottom of the body.**
- Ideal for the automatic control of media in a wide range of applications
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/EEC Low Voltage Directive (LVD).
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
- Coil Insulation Class : H (180°C)
- Coil Impregnation : Polyester Fiber Glass
- Coil Encapsulation Material : Fiber Glass Reinforced
- Ambient Temperature : from -10°C; +60°C
- Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
- Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
- Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
- Electrical Safety : IEC 335
- Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
For DC 12V, 24V, 48V, 110 V

- Other voltages on request;
- Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
- Frequency : 50 Hz , other frequencies on request; (60 Hz)
- On request; connector with LED
- Specify coil voltage with order

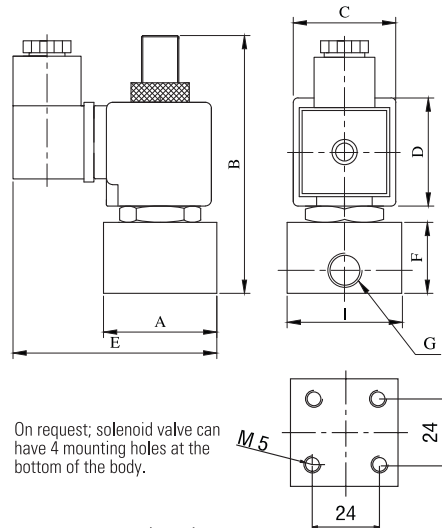
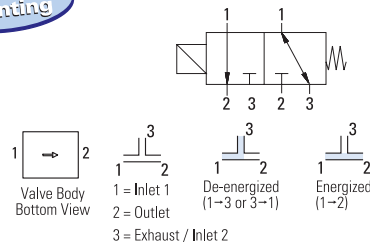
MATERIALS IN CONTACT WITH FLUID

- Body:Stainless Steel
- Internal Parts:Stainless Steel
- Sealing:PTFE
- Shading Ring:Copper
- Seats:Brass
- Core Tube:Stainless Steel
- Springs:Stainless Steel

TECHNICAL FEATURES

- Max Viscosity : 5°E (-37cSt or mm²/s)
- Response Time : Opening Time:30 ms, Closing Time :30 ms
- Maximum Allowable Pressure:20 bar

Normally Closed



Dimensions (mm)

	G	A	B	C	D	E	F	I	H
1/8"	35	90.5	32	39	68	26.5	35	-	-
1/4"	35	90.5	32	39	68	26.5	35	-	-

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar		min	max		
T-SP.3W	S6079	G	mm	bar	bar	lt/min	°C			(kg)
					Liquid Air		min max			
T-SP.3W 100	S6079.00.018	1/8"	1.8	0	2 14	1-2=1,35, 2-3=1,35	-10 160	PTFE	0.47	
T-SP.3W 100.2,5	S6079.00.025	1/8"	2.5	0	1 10	1-2=2,7, 2-3=1,35	-10 160	PTFE	0.47	
T-SP.3W 101	S6079.01.018	1/4"	1.8	0	2 14	1-2=1,35, 2-3=1,35	-10 160	PTFE	0.46	
T-SP.3W 101.2,5	S6079.01.025	1/4"	2.5	0	1 10	1-2=2,7, 2-3=1,35	-10 160	PTFE	0.46	

Useful Informations

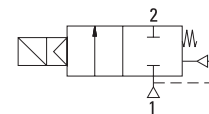
1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa , 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:PTFE:Polytetrafluorethylene

GENERAL FEATURES

- New design
- Full orifice Stainless Steel solenoid valves
- TORK series S6030 diaphragm stainless solenoid valves are 2/2 way normally closed and pilot operated
- Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)
- Working Temperature: -10°C / +80°C
- Not suitable for use with dangerous fluids listed in Group 1
- Minimum operating differential pressure 0,35 bar and 0,5 bar
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- On request; manual override
- On request; flanged types
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids. Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred. Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

NEW

Normally Closed



S6030 (N.C.)



ELECTRICAL CHARACTERISTICS

Continuous Duty	: ED %100
Coil Insulation Class	: H (180°C)
Coil Impregnation	: Polyester Fiber Glass
Coil Encapsulation Material	: Fiber Glass Reinforced
Ambient Temperature	: from -10°C; +60°C
Protection Degree	: IP 65 (EN 60529) with coil duly fitted with the plug connector
Electric Plug Connection	: DIN 46340 3-poles connectors (DIN 43650)
Connector Specification	: ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
Electrical Safety	: IEC 335
Standard Voltages	: For AC 12V, 24V, 48V, 110V, 230V For DC 12V, 24V, 48V, 110 V

Other voltages on request;
Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
Frequency : 50 Hz, other frequencies on request; (60 Hz)
On request; connector with LED
Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

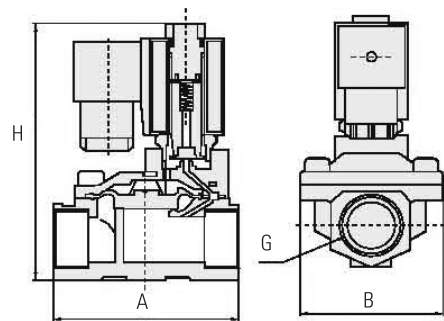
Body	: Stainless Steel
Internal Parts	: Stainless Steel
Sealing	: EPDM
Shading Ring	: Copper
Seats	: Stainless Steel
Core Tube	: Stainless Steel
Springs	: Stainless Steel
On request; sealing can be FPM (VITON), NBR	

TECHNICAL FEATURES

Max Viscosity : 5°E (~37cSt or mm²/s)
Response Time : Opening Time : 400 ms to ~ 1600 ms,
Closing Time : 1000 ms to ~ 2000 ms
Maximum Allowable Pressure : 25 bar
Fluid Temperature for FPM (VITON) from -10°C; +120°C,
for NBR from -10°C; +80°C

Dimensions (mm)

G	A	B	H
3/8"	66	48	112
1/2"	66	48	112
3/4"	75	58	118
1"	96	70	131
1 1/4"	131	96	146
1 1/2"	131	96	146
2"	165	120	167



Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar		min	°C max		
T-SYD	S6030	G	mm	bar	bar	lt/min	min	°C max		(kg)
T-SYD 602	S6030.02	3/8"	13	0,5	16	65	-10	130	EPDM	1,08
T-SYD 603	S6030.03	1/2"	13	0,5	16	65	-10	130	EPDM	1,04
T-SYD 604	S6030.04	3/4"	20	0,5	16	108	-10	130	EPDM	1,06
T-SYD 605	S6030.05	1"	25	0,5	16	172	-10	130	EPDM	1,2
T-SYD 606	S6030.06	1 1/4"	35	0,5	16	315	-10	130	EPDM	3,45
T-SYD 607	S6030.07	1 1/2"	40	0,5	16	430	-10	130	EPDM	3,35
T-SYD 608	S6030.08	2"	50	0,5	16	690	-10	130	EPDM	3,78

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa, 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:NBR:Nitrile-Butylene Elastomer, FPM (VITON):Fluoro-Carbon Elastomer, EPDM:Ethylene-Propylene Elastomer

B

GENERAL FEATURES

- **New design**
- **Full orifice Stainless Steel solenoid valves**
- **TORK series S6031 diaphragm stainless solenoid valves are 2/2 way normally open and pilot operated**
- **Suitable for non-aggressive liquid (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature: -10°C / +80°C
- Not suitable for use with dangerous fluids listed in Group 1
- **Minimum operating differential pressure 0,35 bar and 0,5 bar**
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- On request; manual override
- On request; flanged types
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
 Coil Insulation Class : H (180°C)
 Coil Impregnation : Polyester Fiber Glass
 Coil Encapsulation Material : Fiber Glass Reinforced
 Ambient Temperature : from -10°C; +60°C
 Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
 Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
 Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
 Electrical Safety : IEC 335
 Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
 For DC 12V, 24V, 48V, 110 V

- Other voltages on request;
 Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
 Frequency : 50 Hz, other frequencies on request; (60 Hz)
 On request; connector with LED
 Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

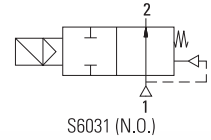
- Body : Stainless Steel
 Internal Parts : Stainless Steel
 Sealing : EPDM
 Shading Ring : Copper
 Seats : Stainless Steel
 Core Tube : Stainless Steel
 Springs : Stainless Steel
 On request; sealing can be FPM (VITON), NBR

TECHNICAL FEATURES

- Max Viscosity : 5°E (~37cSt or mm²/s)
 Response Time : Opening Time : 400 ms to ~ 1600 ms,
 Closing Time : 1000 ms to ~ 2000 ms
 Maximum Allowable Pressure : 20 bar
 Fluid Temperature for FPM (VITON) from -10°C; +120°C,
 for NBR from -10°C; +80°C

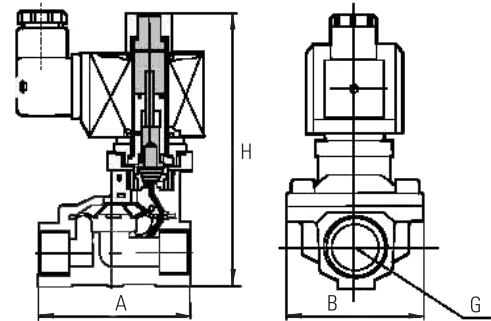
Normally Open

NEW



Dimensions (mm)

G	A	B	H
3/8"	66	48	124
1/2"	66	48	124
3/4"	75	58	130
1"	96	70	143
1 1/4"	131	96	158
1 1/2"	131	96	158
2"	165	120	179



Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure		KV	Fluid Temperature		Seal	Weight
				min	max		min	max		
T-SYDN	S6031	G	mm	bar	bar	lt/min	min	max		(kg)
T-SYDN 602	S6031.02	3/8"	13	0,5	8	65	-10	130	EPDM	1,15
T-SYDN 603	S6031.03	1/2"	13	0,5	8	65	-10	130	EPDM	1,1
T-SYDN 604	S6031.04	3/4"	20	0,5	8	108	-10	130	EPDM	1,12
T-SYDN 605	S6031.05	1"	25	0,5	8	172	-10	130	EPDM	1,3
T-SYDN 606	S6031.06	1 1/4"	35	0,5	8	315	-10	130	EPDM	3,55
T-SYDN 607	S6031.07	1 1/2"	40	0,5	8	430	-10	130	EPDM	3,45
T-SYDN 608	S6031.08	2"	50	0,5	8	690	-10	130	EPDM	3,88

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa, 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
 Sealings:NBR:Nitrile-Butylene Elastomer, FPM (VITON):Fluoro-Carbon Elastomer, EPDM:Ethylene-Propylene Elastomer

GENERAL FEATURES

- **New design**
- **Full orifice Stainless Steel solenoid valves**
- **TORK series S6020 diaphragm stainless solenoid valves are 2/2 way normally closed and pilot operated**
- **Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)**
- Working Temperature: -10°C / +80°C
- Not suitable for use with dangerous fluids listed in Group 1
- **Don't require any differential pressure**
- On request flanged type
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- On request; manual override
- On request; flanged types
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
 Coil Insulation Class : H (180°C)
 Coil Impregnation : Polyester Fiber Glass
 Coil Encapsulation Material : Fiber Glass Reinforced
 Ambient Temperature : from -10°C; +60°C
 Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
 Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
 Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
 Electrical Safety : IEC 335
 Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
 : For DC 12V, 24V, 48V, 110 V

- Other voltages on request;
 Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
 Frequency : 50 Hz, other frequencies on request; (60 Hz)
 On request; connector with LED
 Specify coil voltage with order

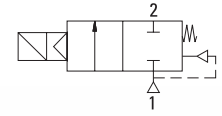
MATERIALS IN CONTACT WITH FLUID

- Body : Stainless Steel
 Internal Parts : Stainless Steel
 Sealing : EPDM
 Shading Ring : Copper
 Seats : Stainless Steel
 Core Tube : Stainless Steel
 Springs : Stainless Steel
 On request; sealing can be FPM (VITON), NBR

TECHNICAL FEATURES

- Max Viscosity : 5°E (-37cSt or mm²/s)
 Response Time : Opening Time : 400 ms to ~ 1600 ms,
 Closing Time : 1000 ms to ~ 2000 ms
 Maximum Allowable Pressure : 15 bar
 Fluid Temperature for FPM (VITON) from -10°C; +120°C,
 for NBR from -10°C; +80°C

Normally Closed



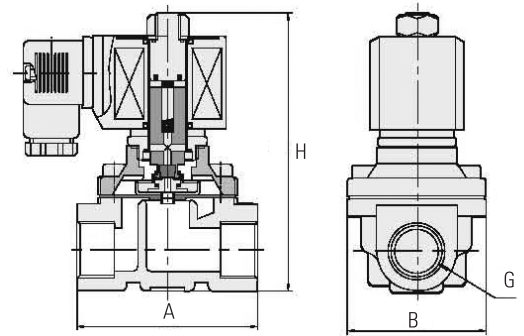
S6020 (N.C.)



DON'T REQUIRE ANY DIFFERENTIAL PRESSURE

Dimensions (mm)

G	A	B	H
3/8"	69	57	106
1/2"	69	57	106
3/4"	73	57	114
1"	99	77.5	121
1 1/4"	112	86.5	150
1 1/2"	123	94	160
2"	168	123	183



Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar AC DC		min	max		
T-SYDZ	S6020	G	mm	bar	bar AC DC	lt/min	min	max		(kg)
T-SYDZ 602	S6020.02	3/8"	16	0	10 6	69	-10	130	EPDM	1,08
T-SYDZ 603	S6020.03	1/2"	16	0	10 6	69	-10	130	EPDM	1,04
T-SYDZ 604	S6020.04	3/4"	20	0	10 6	108	-10	130	EPDM	1,06
T-SYDZ 605	S6020.05	1"	25	0	10 6	172	-10	130	EPDM	1,2
T-SYDZ 606	S6020.06	1 1/4"	32	0	10 6	345	-10	130	EPDM	3,45
T-SYDZ 607	S6020.07	1 1/2"	40	0	10 6	415	-10	130	EPDM	3,35
T-SYDZ 608	S6020.08	2"	50	0	10 6	690	-10	130	EPDM	3,78

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa, 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
 Sealings:NBR:Nitrile-Butylene Elastomer, FPM (VITON):Fluoro-Carbon Elastomer, EPDM:Ethylene-Propylene Elastomer

B

GENERAL FEATURES

- New design
- Full orifice Stainless Steel solenoid valves
- TORK series S6021 diaphragm stainless solenoid valves are 2/2 way normally open and pilot operated
- Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)
- Working Temperature: -10°C / +80°C
- Not suitable for use with dangerous fluids listed in Group 1
- Don't require any differential pressure
- On request flanged type
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- On request; manual override
- On request; flanged types
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

ELECTRICAL CHARACTERISTICS

Continuous Duty : ED %100
 Coil Insulation Class : H (180°C)
 Coil Impregnation : Polyester Fiber Glass
 Coil Encapsulation Material : Fiber Glass Reinforced
 Ambient Temperature : from -10°C; +60°C
 Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
 Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
 Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
 Electrical Safety : IEC 335
 Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
 For DC 12V, 24V, 48V, 110 V

Other voltages on request;
 Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
 Frequency : 50 Hz, other frequencies on request; (60 Hz)
 On request; connector with LED
 Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

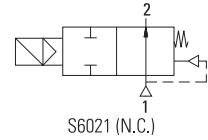
Body : Stainless Steel
 Internal Parts : Stainless Steel
 Sealing : EPDM
 Shading Ring : Copper
 Seats : Stainless Steel
 Core Tube : Stainless Steel
 Springs : Stainless Steel
 On request; sealing can be FPM (VITON), NBR

TECHNICAL FEATURES

Max Viscosity : 5°E (-37cSt or mm²/s)
 Response Time : Opening Time: 400 ms to ~ 1600 ms,
 Closing Time: 1000 ms to ~ 2000 ms
 Maximum Allowable Pressure: 10 bar
 Fluid Temperature for FPM (VITON) from -10°C; +120°C,
 for NBR from -10°C; +80°C

NEW

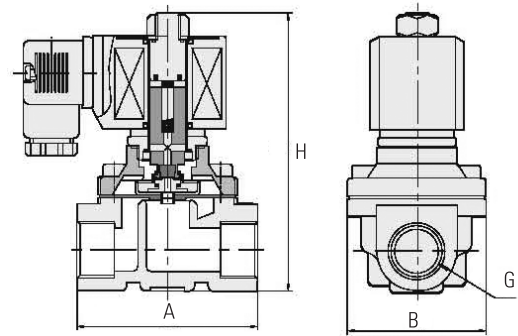
Normally Open



DON'T REQUIRE ANY DIFFERENTIAL PRESSURE

Dimensions (mm)

G	A	B	H
3/8"	69	57	135
1/2"	69	57	135
3/4"	73	57	142
1"	99	77.5	150
1 1/4"	112	86.5	180
1 1/2"	123	94	190
2"	168	123	216



Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar AC DC		min	max °C		
T-SYDZN	S6021	G	mm	bar	bar AC DC	lt/min	min	max		(kg)
T-SYDZN 602	S6021.02	3/8"	16	0	5 3	69	-10	130	EPDM	1,15
T-SYDZN 603	S6021.03	1/2"	16	0	5 3	69	-10	130	EPDM	1,1
T-SYDZN 604	S6021.04	3/4"	20	0	5 3	108	-10	130	EPDM	1,12
T-SYDZN 605	S6021.05	1"	25	0	5 3	172	-10	130	EPDM	1,3
T-SYDZN 606	S6021.06	1 1/4"	32	0	5 3	345	-10	130	EPDM	3,55
T-SYDZN 607	S6021.07	1 1/2"	40	0	5 3	415	-10	130	EPDM	3,45
T-SYDZN 608	S6021.08	2"	50	0	5 3	690	-10	130	EPDM	3,88

Useful Informations

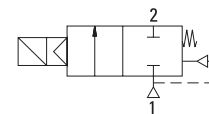
1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa, 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
 Sealings:NBR:Nitrite-Butylene Elastomer, FPM (VITON):Fluoro-Carbon Elastomer, EPDM:Ethylene-Propylene Elastomer

GENERAL FEATURES

- New design
- Full orifice flanged Stainless Steel solenoid valves
- 1 1/4", 1 1/2" and 2" connection options
- TORK series S6079 diaphragm stainless solenoid valves are 2/2 way normally closed and pilot operated
- Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)
- Working Temperature: -10°C / +80°C
- Not suitable for use with dangerous fluids listed in Group 1
- Minimum operating pressure differential 0,5 bar
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- On request; manual override
- On request; flanged types
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

NEW

Normally Closed



S6079 (N.C.)



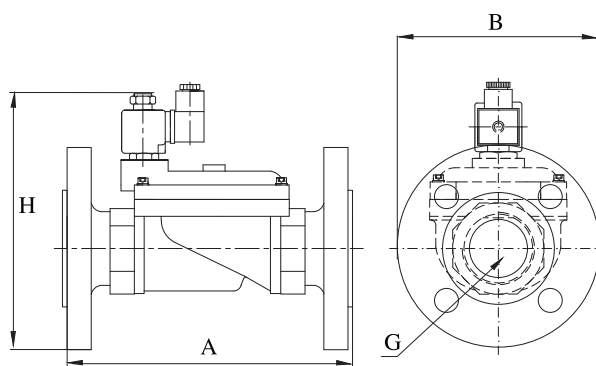
ELECTRICAL CHARACTERISTICS

- Continuous Duty : ED %100
- Coil Insulation Class : H (180°C)
- Coil Impregnation : Polyester Fiber Glass
- Coil Encapsulation Material : Fiber Glass Reinforced
- Ambient Temperature : from -10°C; +60°C
- Protection Degree : IP 65 (EN 60529) with coil duly fitted with the plug connector
- Electric Plug Connection : DIN 46340 3-poles connectors (DIN 43650)
- Connector Specification : ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
- Electrical Safety : IEC 335
- Standard Voltages : For AC 12V, 24V, 48V, 110V, 230V
For DC 12V, 24V, 48V, 110 V

- Other voltages on request;
- Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
- Frequency : 50 Hz, other frequencies on request; (60 Hz)
- On request; connector with LED
- Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

- Body : Stainless Steel
- Internal Parts : Stainless Steel
- Sealing : EPDM
- Shading Ring : Copper
- Seats : Stainless Steel
- Core Tube : Stainless Steel
- Springs : Stainless Steel
- On request; sealing can be FPM (VITON), NBR



Dimensions (mm)

G	A	B	H
1 1/4"	160	135	175
1 1/2"	160	145	180
2"	200	160	207

TECHNICAL FEATURES

- Max Viscosity : 5°E (~37cSt or mm²/s)
- Response Time : Opening Time : 400 ms to ~ 1600 ms,
Closing Time : 1000 ms to ~ 2000 ms
- Maximum Allowable Pressure : 25 bar
- Fluid Temperature for FPM (VITON) from -10°C; +120°C,
for NBR from -10°C; +80°C

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar		min °C	max		
T-SYDF	S6079	DN	mm	bar	bar	lt/min	min °C	max		(kg)
T-SYDF 606	S6079.06	32	35	0,5	16	315	-10	130	EPDM	7,5
T-SYDF 607	S6079.07	40	40	0,5	16	430	-10	130	EPDM	8
T-SYDF 608	S6079.08	50	50	0,5	16	690	-10	130	EPDM	9,5

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa, 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:NBR:Nitrile-Butylene Elastomer, FPM (VITON):Fluoro-Carbon Elastomer, EPDM:Ethylene-Propylene Elastomer

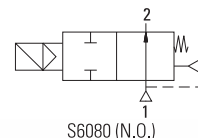
B

GENERAL FEATURES

- New design
- Full orifice flanged Stainless Steel solenoid valves
- 1 1/4", 1 1/2" and 2" connection options
- TORK series S6080 diaphragm stainless solenoid valves are 2/2 way normally open and pilot operated
- Suitable for non-aggressive liquids (water, light oil (2E) etc...), gaseous fluids (air, inert gases etc...)
- Working Temperature: -10°C / +80°C
- Not suitable for use with dangerous fluids listed in Group 1
- Minimum operating differential pressure 0,5 bar
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- On request; manual override
- On request; flanged types
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Flow factor Kv of each valve is indicated, so that the flow Q can be calculated as a function of pressure
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))

Normally Open

NEW



ELECTRICAL CHARACTERISTICS

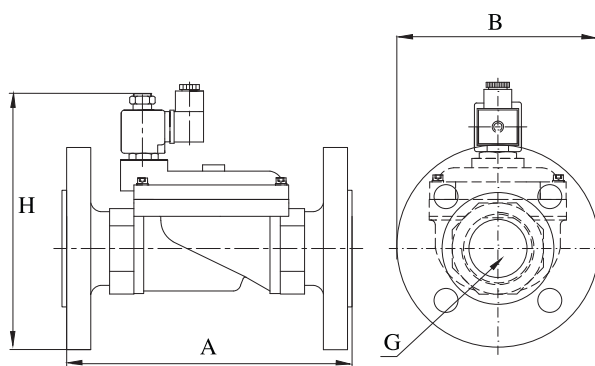
Continuous Duty	: ED %100
Coil Insulation Class	: H (180°C)
Coil Impregnation	: Polyester Fiber Glass
Coil Encapsulation Material	: Fiber Glass Reinforced
Ambient Temperature	: from -10°C; +60°C
Protection Degree	: IP 65 (EN 60529) with coil duly fitted with the plug connector
Electric Plug Connection	: DIN 46340 3-poles connectors (DIN 43650)
Connector Specification	: ISO 4400 / EN 175301-803, Form A, Spade plug (Cable Ø6-8 mm)
Electrical Safety	: IEC 335
Standard Voltages	: For AC 12V, 24V, 48V, 110V, 230V For DC 12V, 24V, 48V, 110 V

Other voltages on request;
Voltage Tolerances : For AC -15%; +10%, For DC -5%; +10%
Frequency : 50 Hz, other frequencies on request; (60 Hz)
On request; connector with LED
Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

Body	: Stainless Steel
Internal Parts	: Stainless Steel
Sealing	: EPDM
Shading Ring	: Copper
Seats	: Stainless Steel
Core Tube	: Stainless Steel
Springs	: Stainless Steel

On request; sealing can be FPM (VITON), NBR



TECHNICAL FEATURES

Max Viscosity : 5°E (~37cSt or mm²/s)
Response Time : Opening Time : 400 ms to ~ 1600 ms,
Closing Time : 1000 ms to ~ 2000 ms
Maximum Allowable Pressure : 20 bar
Fluid Temperature for FPM (VITON) from -10°C; +120°C,
for NBR from -10°C; +80°C

Dimensions (mm)

G	A	B	H
1 1/4"	160	135	187
1 1/2"	160	145	192
2"	200	160	219

Valve Type / Order no	New Valve Type / Order no	Connection Size	Orifice size	Pressure min / max		KV	Fluid Temperature		Seal	Weight
				bar	bar		min °C	max		
T-SYDFN	S6080	DN	mm	bar	bar	lt/min	min °C	max		(kg)
T-SYDFN 606	S6080.06	32	35	0,5	8	315	-10	130	EPDM	7,5
T-SYDFN 607	S6080.07	40	40	0,5	8	430	-10	130	EPDM	8
T-SYDFN 608	S6080.08	50	50	0,5	8	690	-10	130	EPDM	9,5

Useful Informations

1 bar:14,5 PSI:10 mH₂O:10 N/cm²:1 kg/cm²:100000 Pa, 1 PSI:69 mbar,1 m³/h:4,405 GPM:16,7 L/d 1 Gallon / minute:0,227 m³/h, 0°C:89,6 F
Sealings:NBR:Nitrile-Butylene Elastomer, FPM (VITON):Fluoro-Carbon Elastomer, EPDM:Ethylene-Propylene Elastomer