LATCHING SOLENOID VALVES

SL1010 Series (G1/8", G1/4")

ENERGY EFFICIENT

- LATCHING
- 2/2 WAY
- ΔP=0
- DIRECT ACTING

GENERAL FEATURES

- Does not require continuous power supply
- Wide range of pressure ratings, flow capacities, and orifice sizes
- YHigh reliability, quality, and performance; long service life; corrosion-resistant
- Use of a filter is recommended for solenoid valves
- Can be installed in any mounting position without affecting valve operation; vertical installation with the coil oriented upwards is recommended
- Suitable for automatic control applications across a wide range of industries



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	: -20°C, +60°C
Protection Degree	: IP67 (On request IP68)
Electrical Safety	: IEC 335
Standard Voltages	: DC 12V 10W, 24V 10W (Polarity(+.-). Change(-.+)
Voltages Tolerance	: DC -5%, +10%

Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

Body	: Brass
Internal Parts	: Stainless Steel
Sealing	: NBR(On request; EPDM, VITON, PTFE)
Shading Ring	: Copper (EN 12735-1)
Seats, Core Tube, Springs	: Stainless Steel

OPTIONS

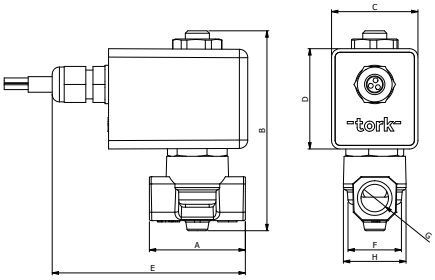
- Thread connection: BSP; NPT available upon request.
- Nickel plating and PTFE coating are available upon request.

TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cST veya mm2/s)
Response Time : Opening time : 30 ms
Closing Time : 30 ms

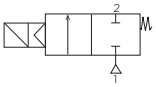
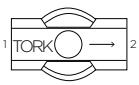
SEALS FEATURES

NBR	: -20°C...+80°C
EPDM	: -30°C...+130°C
VİTON	: -20°C...+160°C
PTFE	: -10°C...+160°C
RUBY	: -10°C...+160°C

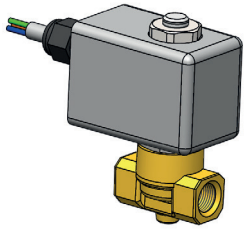


Dimensions (mm)

G	A	B	C	D	E	F	H
1/8"	40	83	36	42	80,5	22.3	26,1
1/4"	40	83	36	42	80,5	22.3	26,1

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal				Weight
								Option			
	SL1010	G	mm	Bar	Bar	Lt/dk	NBR	Viton	EPDM	PTFE	kg
	SL1010.00.018	1/8"	1.8	0	16	1.6	✓	✓	✓	✓	0,36
	SL1010.00.025	1/8"	2.5	0	12	3.2	✓	✓	✓	✓	0,36
	SL1010.00.030	1/8"	3	0	10	4.6	✓	✓	✓	✓	0,36
	SL1010.00.040	1/8"	4	0	9	6.4	✓	✓	✓	✓	0,36
	SL1010.00.050	1/8"	5	0	7	9.2	✓	✓	✓	✓	0,36
	SL1010.00.060	1/8"	6	0	5	11	✓	✓	✓	✓	0,36
	SL1010.01.018	1/4"	1.8	0	16	1.6	✓	✓	✓	✓	0,35
	SL1010.01.025	1/4"	2.5	0	12	3.2	✓	✓	✓	✓	0,35
	SL1010.01.030	1/4"	3	0	10	4.6	✓	✓	✓	✓	0,35
	SL1010.01.040	1/4"	4	0	9	6.4	✓	✓	✓	✓	0,35
	SL1010.01.050	1/4"	5	0	7	9.2	✓	✓	✓	✓	0,35
	SL1010.01.060	1/4"	6	0	5	11	✓	✓	✓	✓	0,35

Coils	Nominal Values	Current (A)
C62012VDCLATCH	12VDC 10W	0,42
C62024VDCLATCH	24VDC 10W	0,85



STANDARDS

- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 1.20.3)) 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

LATCHING SOLENOID VALVES

SL1010 Series (G3/8", G1/2", G3/4",G1", G1 1/4", G1 1/2", G2")

ENERGY EFFICIENT

- LATCHING
- 2/2 WAY
- ΔP=0,5
- PILOT OPERATED

GENERAL FEATURES

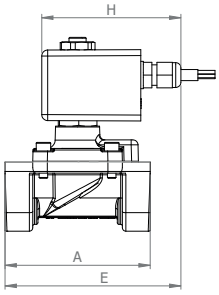
- Does not require continuous power supply
- Wide range of pressure ratings, flow capacities, and orifice sizes
- YHigh reliability, quality, and performance; long service life; corrosion-resistant
- Use of a filter is recommended for solenoid valves
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- Suitable for automatic control applications across a wide range of industries

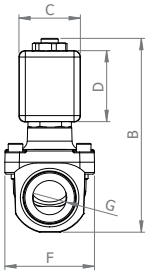


ELECTRICAL CHARACTERISTICS

Continuous Duty	: ED %100
Coil Insulation Class	: H (180°C)
Coil Impregnation	: Polyester Fiber Glass
Coil Encapsulation Material	: Fiber Glass Reinforced
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Electrical Safety	: IEC 335
Standard Voltages	: DC 12V 10W, 24V 10W (Polarity(+.-). Change(-.+)
Voltages Tolerance	: DC -5%, +10%

Specify coil voltage with order

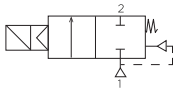




Dimensions (mm)						
G	A	B	C	D	E	H
3/8"	72	98.7	36	41,5	93.6	81,5
1/2"	80	106	36	41,5	99.5	81,5
3/4"	78	106	36	41,5	99.5	81,5
1"	85	113.5	36	41,5	103	81,5
11/4"	109.5	126	36	41,5	142,5	81,5
11/2"	128.5	137	36	41,5	165	81,5
2"	149	150,5	36	41,5	183	81,5

MATERIALS IN CONTACT WITH FLUID

Body	: Brass
Internal Parts	: Stainless Steel, Brass
Sealing	: NBR(On request; EPDM, VITON)
Shading Ring	: Copper (EN 12735-1)
Seats, Core Tube, Springs	: Stainless Steel

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
								Opsiyon		
	SL1010	G	mm	Bar	Bar	l/min	NBR	Viton	EPDM	kg
	SL1010.02.125	3/8"	12.5	0.5	16	48	✓	✓	✓	0,74
	SL1010.03.145	1/2"	14.5	0.5	16	70	✓	✓	✓	0,81
	SL1010.04.170	3/4"	17	0.5	16	90	✓	✓	✓	0,9
	SL1010.05.170	1"	17	0.5	16	90	✓	✓	✓	0,96
	SL101006460	11/4"	30	0.5	12	250	✓	✓	✓	1,75
	SL101007460	11/2"	39	0.5	12	370	✓	✓	✓	2,47
	SL101008460	2"	46	0.5	12	450	✓	✓	✓	3,98

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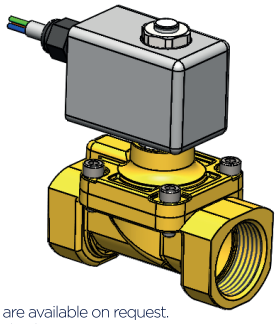
TECHNICAL FEATURES

Max. Viscosity: 5°E (~37cST veya mm2/s)
Response Time:
Opening time : 400 ms - 500 ms (G 3/8", G1/2", G3/4", G1")
400 ms – 1600 ms (G 1 ¼", G1 ½", G2")
Closing Time : 400 ms - 500 ms (G 3/8", G1/2", G3/4", G1")
1000 ms - 2000 ms (G 1 ¼", G1 ½", G2")

SEALS FEATURES

NBR	: -20°C...+80°C
EPDM	: -30°C...+130°C
VİTON	: -20°C...+160°C
PTFE	: -10°C...+160°C
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TSL1010EN251224