

# LATCHING SOLENOID VALVES

## SL1011 Series (G1/8", G1/4")



- LATCHING
- 2/2 WAY
- $\Delta P=0$
- 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 : -10°C, +60°C  
 Protection Degree : IP67 ( On request IP68 )

Electrical Safety : IEC 335  
 Supply voltage : 12/24V DC 10W

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

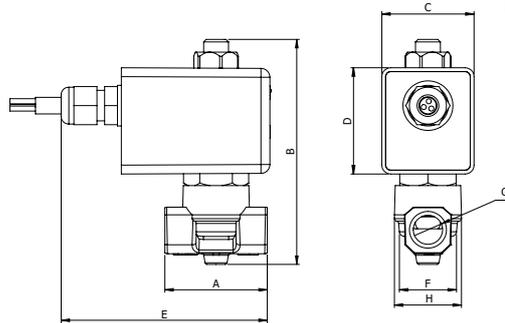
- Thread connection: BSP; NPT available upon request.
- Nickel plating and PTFE coating are available upon request.

### TECHNICAL FEATURES

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

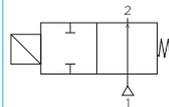
### SEALS FEATURES

NBR : -10°C...+80°C  
 EPDM : -10°C...+130°C  
 VITON : -10°C...+160°C  
 PTFE : -10°C...+160°C  
 RUBY : -10°C...+160°C

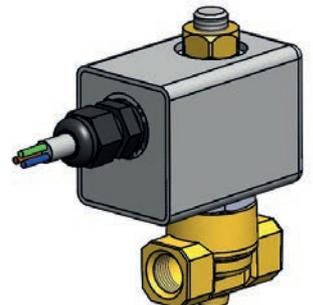


Ölçüler (mm)							
G	A	B	C	D	E	F	H
1/8"	40	83	36	42	80,5	22,3	26,1
1/4"	40	83	36	42	80,5	22,3	26,1

Solenoid Valve Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max	Kv	Seal			Weight	
						NBR	Viton	EPDM		
	SL1011	G	mm	Bar	Bar	Lt/dk	Option		kg	
	SL1011.00.010	1/8"	1	0	14	0,5	✓	✓	✓	0,36
	SL1011.00.018	1/8"	1,8	0	12	1,6	✓	✓	✓	0,36
	SL1011.00.025	1/8"	2,5	0	10	3,2	✓	✓	✓	0,36
	SL1011.00.030	1/8"	3	0	5	4,6	✓	✓	✓	0,36
	SL1011.01.010	1/4"	1	0	14	0,5	✓	✓	✓	0,35
	SL1011.01.018	1/4"	1,8	0	12	1,6	✓	✓	✓	0,35
	SL1011.01.025	1/4"	2,5	0	10	3,2	✓	✓	✓	0,35
	SL1011.01.030	1/4"	3	0	5	4,6	✓	✓	✓	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

SL1011 Series (G3/8", G1/2", G3/4", G1", G1 1/4", G1 1/2", G2")



- LATCHING
- 2/2 WAY
- $\Delta P=0,5$
- PILOT OPERATED

## GENEL ÖZELLİKLER

- Does not require continuous power supply
- Wide range of pressure ratings, flow capacities, and orifice sizes
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 Internal Parts : Stainless Steel, Brass  
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 Seats, Core Tube, Springs : Stainless Steel

## OPTIONS

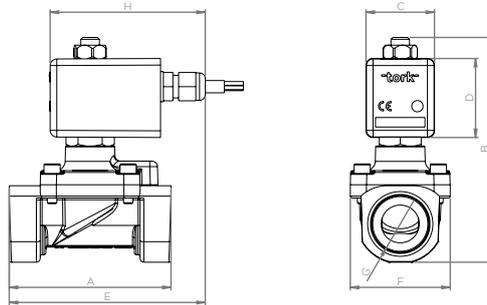
- Thread connection: BSP; NPT available upon request.
- Nickel plating and PTFE coating are available upon request.

## TECHNICAL FEATURES

Max. Viscosity : 5°E (-37cST veya mm<sup>2</sup>/s)  
 Response Time : Opening time : 400 ms - 1600 ms  
 Closing Time : 1000 ms - 2000 ms

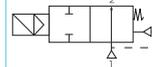
## SEALS FEATURES

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 EPDM : -10°C...+130°C  
 VITON : -10°C...+160°C  
 PTFE : -10°C...+160°C  
 RUBY : -10°C...+160°C

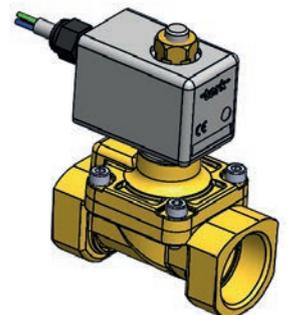


Dimensions (mm)							
G	A	B	C	D	E	H	
3/8"	72	97.7	36	41,5	93.6	81,5	
1/2"	80	99,2	36	41,5	99,5	81,5	
3/4"	78	106	36	41,5	99,5	81,5	
1"	85	119	36	41,5	103	81,5	
1 1/4"	109,5	133	36	41,5	142,5	81,5	
1 1/2"	128,5	137	36	41,5	165	81,5	
2"	149	149	36	41,5	183	81,5	

Solenoid Valve Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max	Kv	Seal	Weight
	SL1011	G	mm	Bar	Bar	Lt/dk	kg
						NBR	
						Viton	
						EPDM	
	SL1011.02.125	3/8"	12,5	0,5	12	48	0,69
	SL1011.03.145	1/2"	14,5	0,5	12	70	0,73
	SL1011.04.170	3/4"	17	0,5	12	90	0,81
	SL1011.05.170	1"	17	0,5	12	90	0,98
	SL1011.06.300	1 1/4"	30	0,5	12	250	2,65
	SL1011.07.390	1 1/2"	39	0,5	12	370	2,55
	SL1011.08.460	2"	46	0,5	12	450	2,98



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