tork
valve & automation

fluid under control

S1010-F / S1011-F SERIES
G1 1/4", G1 1/2", G2"

NORMALLY OPEN
NORMALLY CLOSED
2/2 WAY
PILOT OPERATED
ΔP=0.5

WATER AIR GAS

General Features
- Wide pressure range, flow rate and orifis options.
- Solenoid valfs are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation.
- Coil to be used in a vertical position.

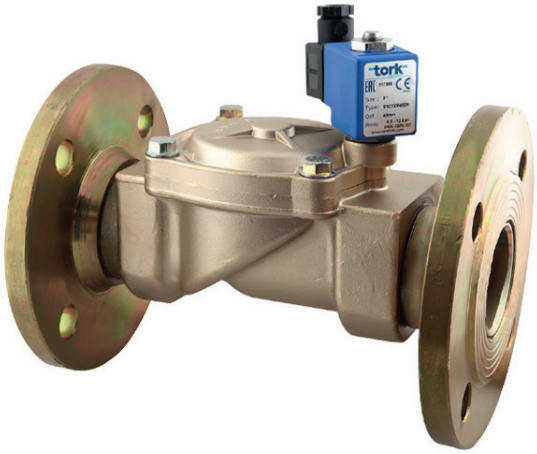
Electrical Characteristics
Continuous Duty : ED %100
Coil Insulation Class : H (180°C)(IEC 85)
Coil Impregnation : Polyester Fiber Glass
Ambient Temperature : -20°C, +60°C
Protection Degree : IP65 (ISO 60529) On request;IP68
Electric Plug Connection : DIN 46340 3- Poles Connector(DIN43650)
Connector 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

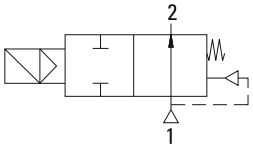
Materials In Contact With Fluid
Body : Brass
Internal Parts : Stainless Steel
Sealing : NBR(On request; EPDM, VITON)
Shading Ring : Copper (EN 12735-1)
Seats, Core Tube, Springs : Stainless Steel

Options
Female connection: BSP; (On request NPT)
- On request CR-Ni plated, PTFE coated done
- On request Atex (exproof) coil.

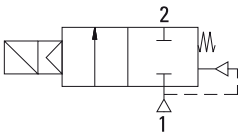
Technical Features
Max. Viscosity : 5°E (~37cST veya mm²/s)
Response Time : Opening time : 400 ms- 1600 ms
Closing Time : 1000 ms- 2000 ms

Seals Features
NBR : -20°C...+80°C
EPDM : -30°C...+130°C
VİTON : -20°C...+160°C

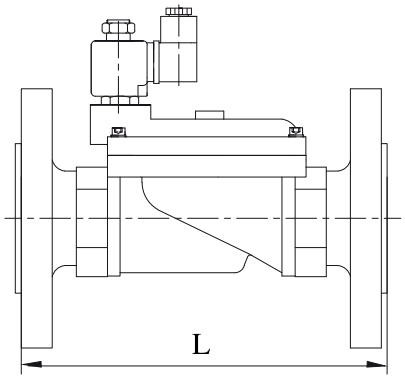


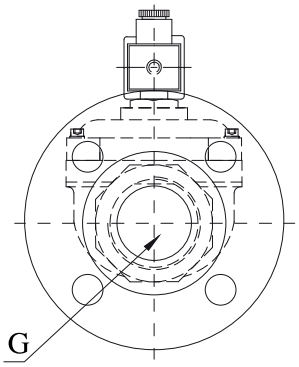


S1011-F (NO)



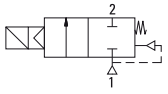
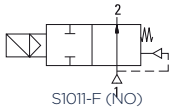
S1010-F (NC)





Dimensions (mm)

DN	25	32	40	50
L	125	180	200	230

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
								Option		
	S1010-F S1011-F	G	mm	Bar	Bar	lt/dk	NBR	Viton	EPDM	kg
 S1010-F (NC)	S1010.05-F	1"	17	0.5	16	90	✓	✓	✓	1,6
	S1010.06-F	11/4"	30	0.5	12	250	✓	✓	✓	1,75
	S1010.07-F	11/2"	39	0.5	12	370	✓	✓	✓	2,47
	S1010.08-F	2"	46	0.5	12	450	✓	✓	✓	3,98
 S1011-F (NO)	S1011.05-F	1"	17	0.5	12	90	✓	✓	✓	1,6
	S1011.06-F	11/4"	30	0.5	12	250	✓	✓	✓	1,75
	S1011.07-F	11/2"	39	0.5	12	370	✓	✓	✓	2,47
	S1011.08-F	2"	46	0.5	12	450	✓	✓	✓	3,98

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