

Stainless Steel Solenoid Valve SS1080 Series (G1/8", G1/4", G3/8")

GENERAL FEATURES

- Wide pressure range, flow rate and orifis 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, methan, 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 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 mm ² /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

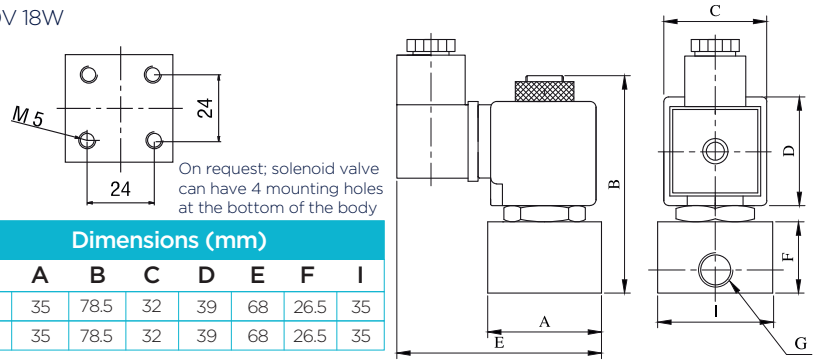
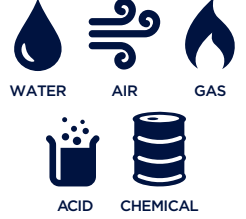


NORMALLY CLOSED

2 WAY

DIRECT ACTING

ΔP=0



Dimensions (mm)							
G	A	B	C	D	E	F	I
1/8"	35	78.5	32	39	68	26.5	35
1/4"	35	78.5	32	39	68	26.5	35

Bobinler	Nominal Değerler	Soğuk/ Sıcak	Kalkış (Inrush)	Tutma (Holding)	Akım (A)	Yüzey Sıcaklığı (°C)
C40012VDC18W	12VDC 18W	SOĞUK SICAK	19,56 14,52	19,56 14,52	1,63 1,21	20 106
C40024VDC18W	24VDC 18W	SOĞUK SICAK	20,88 14,64	20,88 14,64	0,87 0,61	25 116
C40110VDC18W	110VDC 18W	SOĞUK SICAK	19,96 13,56	19,96 13,56	0,18 0,123	23 115
C40012VAC15VA	12VAC 15VA	SOĞUK SICAK	23,81 -	16,43 15,86	1,3 1,262	25 79
C40024VAC15VA	24VAC 15VA	SOĞUK SICAK	25,82 -	15,02 13,91	0,62 0,57	22 81
C40110VAC15VA	110VAC 15VA	SOĞUK SICAK	30,65 -	15,17 13,96	0,137 0,126	24 80
C40230VAC15VA	230VAC 15VA	SOĞUK SICAK	31,4 -	15,64 14,41	0,068 0,063	25 80
C40230VAC15VA	230VAC 24VA	SOĞUK SICAK	45,1 -	23,92 21,62	0,0154 0,0154	23 100

Solenoid Valve Symbol	Valve Type/ Order No	Connection Size	Orifis Ölçüsü	Pressure min/max		Kv	Seal				Weight
				Bar	Bar		PTFE	NBR	EPDM	VITON	
	SS1080	G	mm	Bar	Bar	l/min					
	SS1080.00.018	1/8"	1.8	0	16	16	✓	✓	✓	✓	0,47
	SS1080.00.025	1/8"	2.5	0	12	3.2	✓	✓	✓	✓	0,47
	SS1080.00.030	1/8"	3	0	10	4.6	✓	✓	✓	✓	0,47
	SS1080.00.040	1/8"	4	0	9	6.4	✓	✓	✓	✓	0,47
	SS1080.00.050	1/8"	5	0	7	9.2	✓	✓	✓	✓	0,47
	SS1080.00.060	1/8"	6	0	6	11	✓	✓	✓	✓	0,47
	SS1080.01.018	1/4"	1.8	0	16	1.6	✓	✓	✓	✓	0,46
	SS1080.01.025	1/4"	2.5	0	12	3.2	✓	✓	✓	✓	0,46
	SS1080.01.030	1/4"	3	0	10	4.6	✓	✓	✓	✓	0,46
	SS1080.01.040	1/4"	4	0	9	6.4	✓	✓	✓	✓	0,46
	SS1080.01.050	1/4"	5	0	7	9.2	✓	✓	✓	✓	0,46
	SS1080.01.060	1/4"	6	0	6	11	✓	✓	✓	✓	0,46

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