Stainless Steel Servo Assist Solenoid Valve
SS1000 Series (G3/8", G1/2", G3/4", G1, 1 ¼", 1 ½", 2)

NORMALLY CLOSED
2 WAY
ΔP=0

GENERAL FEATURES
- Wide pressure range, a flow rate and orifice options.
- Solenoid valves are used with the filter.
- Solenoid valves can be mounted in any position without affecting its operation.
- Coil to be used in a vertical position.
- Don't require any differential pressure.
- Suitable for non-aggressive liquids (water,light oil etc...), gaseous fluids (air, iner gases etc...)



ZERO DIFFERENTIAL PRESSURE

WATER AIR GAS

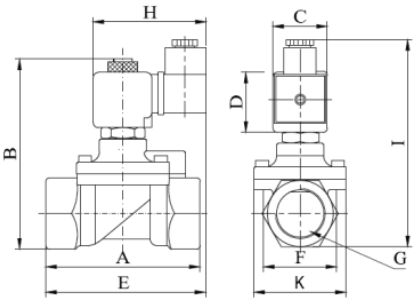
ELECTRICAL CHARACTERISTICS
Continuous Duty : ED %100
Coil Insulation Class : H (180°C)(IEC 85)
Coil Impregnation : Reinforces Fiber Glass
Ambient Temperature : -20°C, +60°C
Protection Degree : IP65 (ISO 60529) On request; IP68
Electric Plug Connection : DIN 46340 3-Poles Connector (DIN 43650)
Connector Specification : ISO 4400 / EN 175301-803 Form A, Spade Plug (Cable Ø6-8 mm)
Electrical Safety : IEC 335
Standard Voltages : AC 220V 33VA, 220V 56VA, 220V 70VA, 220V 20VA, 110V 42VA, 110V 33VA, 24V 48VA, 24V 42VA
DC 24V 48W, 24V 20W, 12V 52W, 12V 20W, 110V 20W
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
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 Atex (exproof) coil.
- On request Latching coil. (C62 series) 12-24VDC 10W

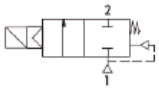
TECHNICAL FEATURES
Max. Viscosity : 5°E (~37cST veya mm²/s)
Response Time : Opening time : 400 ms – 1600 ms
Closing Time : 1000 ms - 2000 ms

SEALS FEATURES
NBR : -20°C...+80°C
EPDM : -30°C...+130°C
VİTON : -20°C...+160°C



Dimensions (mm)

G	A	B	C	D	E	H	I	K
3/8"	72	97.7	32	45	94.8	76	109	52.5
1/2"	80	99.2	32	45	96.2	76	110.5	52.5
3/4"	78	106	32	45	97.2	76	117.3	52.5
1"	85	112.5	32	45	98.7	76	123.8	52.5
1 1/4"	109.5	152.1	32	45	132	103	158	83
1 1/2"	128.5	158.2	32	45	132	103	163.7	95.6
2"	149	176	32	45	150.5	103	181.5	109.7

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifis Size	Min. Pressure	Max. Pressure (bar)		Kv	Seal			Weight	Coil
	S1000	G	mm	bar	Liquid Fluid	Gas Fluid	l/min	NBR	Viton	EPDM	Kg	
					Bar							
	SS1000.02	3/8"	12,5	0	10	16	48	✓	✓	✓	0,720	C40
	SS1000.03	1/2"	12,5	0	10	16	48	✓	✓	✓	0,775	C40
	SS1000.04	3/4"	17	0	10	16	90	✓	✓	✓	0,875	C40
	SS1000.05	1"	17	0	10	16	90	✓	✓	✓	0,945	C40
	SS1000.06	1 1/4"	30	0	16	3	250	✓	✓	✓	3,5	C50
	SS1000.07	1 1/2"	39	0	16	3	370	✓	✓	✓	3,2	C50
	SS1000.08	2"	46	0	16	3	450	✓	✓	✓	2,98	C50

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

TSS1000EN261002