Stainless Steel Solenoid Valve
S6020 Series (G3/8", G1/2", G3/4", G1",G11/4", G11/2", G2")

NORMALLY CLOSED
2/2 WAY
PILOT OPERATED
ΔP=0

WATER AIR GAS

ACID CHEMICAL

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...)



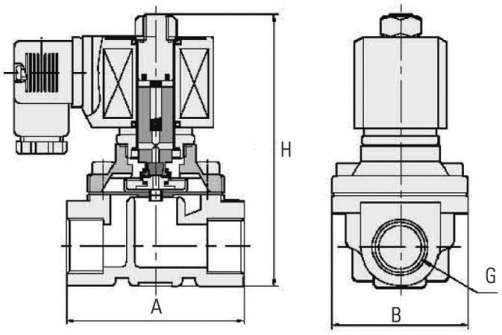
ELECTRICAL CHARACTERISTICS
Continuous Duty : ED %100
Coil Insulation Class : H (180°C)(IEC 85)
Coil Impregnation : Polyester Fiber Glass
Ambient Temperature : -20°C, +60°C
Protection Degree : IP65 (ISO 60529) On request; IP68
Electric Plug Connection : DIN 46340 3-Poles Connector (DIN 43650)
Connector 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

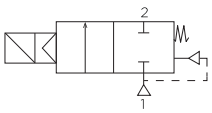
OPTIONS
Female connection: BSP; (On request NPT)
- On request Atex (exproof) coil.

TECHNICAL FEATURES
Max. Viscosity : 5°E (~37cST veya mm^2/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
PTFE : -10°C...+160°C
RUBY : -10°C...+160°C



Dimensions (mm)			
G	A	B	H
3/8"	69	57	106
1/2"	69	57	106
3/4"	73	57	114
1"	99	77.5	121
11/4"	112	86.5	150
11/2"	123	94	160
2"	168	123	183

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max			Kv	Seal			Weight
					Bar				Option		
	S6020	G	mm	Bar	AC	DC	l/min	NBR	Viton	EPDM	kg
	S6020.02	3/8"	16	0	10	6	69	✓	✓	✓	1,08
	S6020.03	1/2"	16	0	10	6	69	✓	✓	✓	1,04
	S6020.04	3/4"	20	0	10	6	108	✓	✓	✓	1,06
	S6020.05	1"	25	0	10	6	172	✓	✓	✓	1,20
	S6020.06	11/4"	35	0	10	6	345	✓	✓	✓	3,45
	S6020.07	11/2"	40	0	10	6	415	✓	✓	✓	3,35
	S6020.08	2"	50	0	10	6	690	✓	✓	✓	3,78

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

TS6020EN260924