

## Stainless Steel Solenoid Valve S6021 Series (G3/8", G1/2", G3/4", G1", G1 1/4", G1 1/2", G2")

### 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, inert gases etc...)

### 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 (DIN 43650)
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 (SS 304)
Internal Parts	: Stainless Steel
Sealing	: EPDM
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 (explosion proof) coil.

### 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

NBR : -10°C...+80°C

EPDM : -10°C...+130°C

VITON : -10°C...+160°C

PTFE : -10°C...+180°C

RUBY : -10°C...+160°C

NORMALLY OPEN

2/2 OPERATED

PILOT OPERATED

ΔP=0



Dimensions (mm)				
G	A	B	H	
3/8"	69	57	135	
1/2"	69	57	135	
3/4"	73	57	142	
1"	99	77.5	150	
1 1/4"	112	86.5	180	
1 1/2"	123	94	190	
2"	168	123	216	

### STANDARDS

• Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 120.3)) 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

Solenoid Valve Symbol	Valve Type/Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal	Weight			
				Bar	Lt/dk						
									AC	DC	
	S6021	G	mm	Bar	Bar	Lt/dk	NBR	Opsiyon Viton EPDM	kg		
	S6021.02	3/8"	16	0	5	3	69	✓	✓	✓	1,15
	S6021.03	1/2"	16	0	5	3	69	✓	✓	✓	1,10
	S6021.04	3/4"	20	0	5	3	108	✓	✓	✓	1,12
	S6021.05	1"	25	0	5	3	172	✓	✓	✓	1,30
	S6021.06	1 1/4"	32	0	5	3	345	✓	✓	✓	3,55
	S6021.07	1 1/2"	40	0	5	3	415	✓	✓	✓	3,45
	S6021.08	2"	50	0	5	3	690	✓	✓	✓	3,88