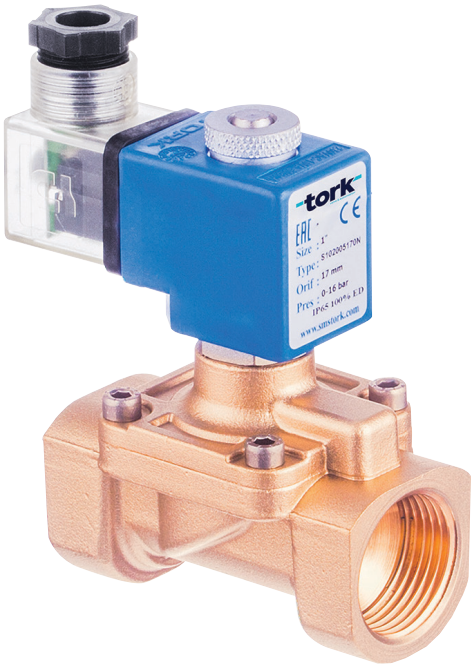
Latching Solenoid Valves
S8320 Series (G3/8", G1/2", G3/4", G1")



LATCHING
2/2 WAY
PILOT OPERATED
ΔP=0.15

ENERGY EFFICIENT

LOW PRESSURE

GENERAL FEATURES

- New design
- No continuous energy required.
- Suitable for non-aggressive liquids (water, light oil (2E) etc ...), gaseous fluids (air, inert gases etc ...)
- Working temperature: -20°C / + 80°C
- Not suitable for use with dangerous fluids listed in Group 1
- High reliability, quality and performance; long life, corrosion resistance
- Wide pressure ratings, range of flow rate and orifice options
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.

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 : For DC 12V,24V
Latching (Polarity(+.-). Change(-.+)
On request other voltages
Voltages Tolerance : DC -5%, +10%
On request; Connector with LED,
Specify coil voltage with order

MATERIALS IN CONTACT WITH FLUID

Body : Brass
Internal Parts : Stainless Steel
Sealing : NBR (On request; EPDM, VİTON)
Shading Ring : Copper (EN 12735-1)
Seats,Core Tube,Springs : Stainless Steel

OPTIONS

Female connection: BSP; On request NPT

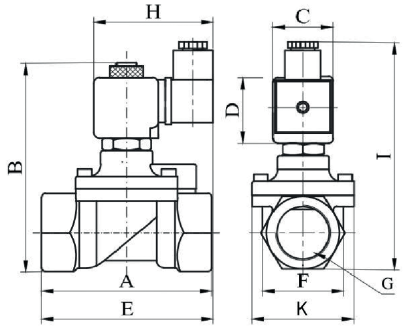
- On request CR-Ni plated, PTFE coated done.
- On request Atex (exproof) coil.

TECHNICAL FEATURES

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

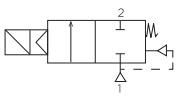
SEALS FEATURES

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	C	D	E	F	K	H	I
3/8"	75	97	32	45	91.3	37,5	52	76	108
1/2"	79	100	32	45	92	39,8	52	76	110
3/4"	79	107.3	32	45	94	41,5	52	76	118
1	85	115	32	45	101	42,5	52	76	124

Coils	Nominal Values	Cold/ Hot	Inrush	Holding	Current (A)	Surface Temperature (°C)
C40012VDC18W	12VDC 18W	COLD	19,56	19,56	1,63	20
		HOT	14,52	14,52	1,21	106
C40024VDC18W	24VDC 18W	COLD	20,88	20,88	0,87	25
		HOT	14,64	14,64	0,61	116

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
								Option		
	S8320	G	mm	Bar	Bar	l/min	NBR	Viton	EPDM	kg
	S8320.02	3/8"	12.5	0.15	16	38	✓	✓	✓	0,7
	S8320.03	1/2"	14.5	0.15	16	62	✓	✓	✓	0,73
	S8320.04	3/4"	17	0.15	16	85	✓	✓	✓	0,81
	S8320.05	1"	17	0.15	16	100	✓	✓	✓	0,99

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