Explosion Proof General Purpose Solenoid Valve
SX7130 & SX7130-LPG Series (G3/4",G1",G11/4",G11/2",2")

NORMALLY CLOSED

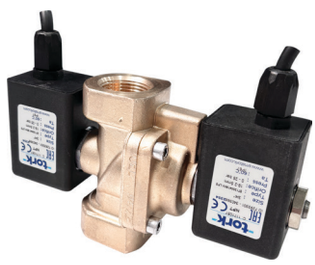
2 WAY

GENERAL FEATURES
• Wide pressure range, flow rate and orifice options are available.
• Solenoid valves should be used with filter.

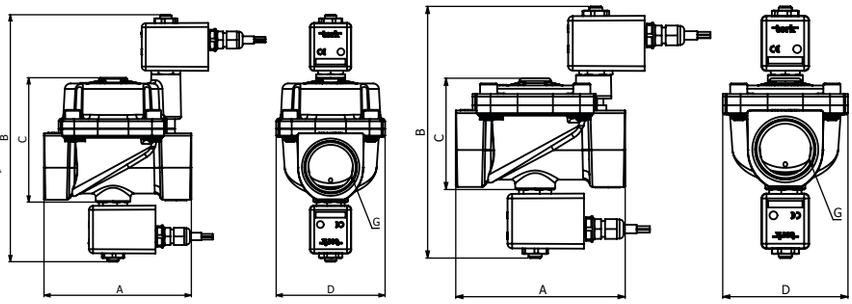
WHAT IS DOUBLE COILED SOLENOID VALVE?
It is a normally closed solenoid valve designed to provide flow rate
in two different level.

It is used generally at filling facilites with high load at the beginning
and then to complete the filling by low flow rate.





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 : IP67
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
Atex Protection Class : Ex mb IIC T4 Gb
On request other voltages
Voltages Tolerance : AC -15% , +10% DC -5% , +10%
Frequency : 50 Hz (60 Hz...)
In order, please specify coil voltage. For details, please look at coil section..



SX7130-LPG

Dimensions (mm)				
G	A	B	C	D
3/4"	85	172	71	53
1"	85	172	71	53
11/4"	128.5	191	84.5	95
11/2"	128.5	191	84.5	95
2"	149	192	100	110

SX7130

Dimensions (mm)				
G	A	B	C	D
3/4"	90	172	76	53
1"	90	172	76	53
11/4"	128.5	215.5	108.5	95
11/2"	128.5	215.5	108.5	95
2"	149	192	100	110

MATERIALS IN CONTACT WITH FLUID
Body : Brass
Internal Parts : Stainless Steel
Sealing : Viton, FFKM
Shading Ring : Copper (EN 12735-1)
Seats, Core Tube, Springs: Stainless Steel

OPTIONS
Female connection: BSP; (On request NPT)

TECHNICAL FEATURES
Max. Viscosity : 5°E (~37cST or 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...+180°C
RUBY : -10°C...+160°C

Coils	Nominal Values	Cold/ Hot	Inrush	Holding	Current (A)	Surface Temperature (°C)
C41012VDC18W	12VDC 18W	COLD	19,56	19,56	1,63	20
		HOT	14,52	14,52	1,21	106
C41024VDC18W	24VDC 18W	COLD	20,88	20,88	0,87	25
		HOT	14,64	14,64	0,61	116
C41110VDC18W	110VDC 18W	COLD	19,96	19,96	0,18	23
		HOT	13,56	13,56	0,123	115
C41012VAC15VA	12VAC 15VA	COLD	23,81	16,43	1,3	25
		HOT	-	15,86	1,262	79
C41024VAC15VA	24VAC 15VA	COLD	25,82	15,02	0,62	22
		HOT	-	13,91	0,57	81
C41110VAC15VA	110VAC 15VA	COLD	30,65	15,17	0,137	24
		HOT	-	13,96	0,126	80
C41230VAC15VA	230VAC 15VA	HOT	31,4	15,64	0,068	25
		HOT	-	14,41	0,063	80
C41230VAC24VA	230VAC 24VA	COLD	45,1	23,92	0,0154	23
		HOT	-	21,62	0,0154	100

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

Valve Type/ Order No	Connection Size	Main Orifice Size	Small Orifice Size	Pressure min/max		Kv	Seal		Weight
SX7130 SX7130-LPG	G	mm	mm	Bar	Bar	Lt/dk	Viton	FFKM	kg
SX7130.04	3/4"	17	2.5	0	25	90/3,2		✓	1,8
SX7130.05	1"	17	2.5	0	25	90/3,2		✓	1,75
SX7130.06	11/4"	39	2.5	0.5	12	370/3,2	✓		3,2
SX7130.07	11/2'	39	2.5	0.5	12	370/3,2	✓		3,1
SX7130.08	2"	46	2.5	0.5	12	450/3,2	✓		4,7
SX7130.04-LPG	3/4"	17	2.5	0,5	25	90/3,2	✓		1,8
	3/4"	19	2.5	0,5	25	110/3,2	✓		1,8
SX7130.05-LPG	1"	17	2.5	0,5	25	90/3,2	✓		1,75
SX7130.06-LPG	11/4"	39	2.5	0.5	16	370/3,2	✓		4,3
SX7130.07-LPG	11/2'	39	2.5	0.5	16	370/3,2	✓		4,2
SX7130.08-LPG	2"	46	2.5	0.5	12	450/3,2	✓		4,7