Stainless Steel Solenoid Valve SSX1011 Series (G1/8" ,G1/4")



NORMALLY OPEN
2/2
DIRECT ACTING
ΔP=0-12

WATER AIR GAS

ACID CHEMINAL

EXPLOSIVE ATMOSPHERE ATEX

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.
- Pressure differrence is not required.
- Used as explosion-proof in ZONE 1 and ZONE 2

ELECTRICAL CHARACTERISTICS

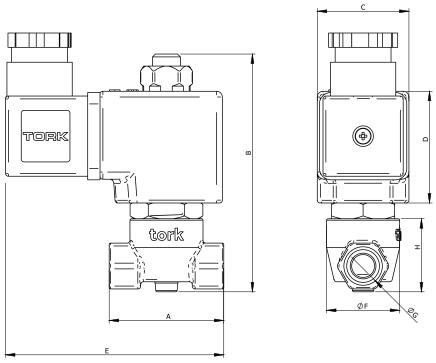
Continuous Duty : ED %100*
Coil Insulation Class : H (180°C)(IEC 85)
Coil Impregnation : Polyester Fiber Glass
Ambient Temperature : -20°C, +60°C
Protection class : Atex II 2G Ex mb IIC T4 Gb / II 2D Ex t IIIC T135°C Db IP67 (In case of request IP68)
Cable connection : 3 meter standard cable (other lengths available upon request)
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...)

MATERIALS IN CONTACT WITH FLUID

Body : Stainless Steel (AISI 316)
Internal Parts : Stainless Steel
Sealing : Viton On request; NBR, EPDM
Shading Ring : Copper (EN 12735-1)
Seats, Core Tube, Springs : Stainless Steel

OPTIONS

Compatible coils : C41, C43, C46 ve C47 series Atex (exproof)
Connection thread : BSP; On request NPT



Dimensions (mm)							
G	A	B	C	D	E	F	H
1/8"	40	83	32	39	76.2	25.5	25.5
1/4"	40	83	32	39	76.2	25.5	25.5

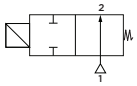
TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cST or mm^2/s)
Opening time : 30 ms
Closing Time : 30 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

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	COLD	31,4	15,64	0,068	25
		HOT	-	14,41	0,063	80
C41230VAC15VA	230VAC 24VA	COLD	45,1	23,92	0,0154	23
		HOT	-	21,62	0,0154	100

Solenoid Valve Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
								Option		
	SSX1011	G	mm	Bar	Bar	Lt/dk	VITON	NBR	EPDM	kg
	SSX1011.00.018	1/8"	1.8	0	12	1.6	✓	✓	✓	0,40
	SSX1011.00.025	1/8"	2.5	0	10	3.2	✓	✓	✓	0,40
	SSX1011.00.030	1/8"	3	0	5	4.6	✓	✓	✓	0,39
	SSX1011.01.018	1/4"	1.8	0	12	1.6	✓	✓	✓	0,39
	SSX1011.01.025	1/4"	2.5	0	10	3.2	✓	✓	✓	0,39
	SSX1011.01.030	1/4"	3	0	5	4.6	✓	✓	✓	0,39

Not: For product details, please refer to the user manual
Please specify coil voltage when ordering. For detailed information, refer to the coil section
*Only applicable for 15VA or 18W coils

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 ow voltage directive (LVD)

TSSX1011DEN261014

Stainless Steel Solenoid Valve
SSX1011 Series (G3/8", G1/2", G3/4", G1" , G11/4", G11/2", G2")

NORMALLY OPEN
2/2
PILOT OPERATED
ΔP=0,5

WATER AIR GAS

ACID CHEMICAL

EXPLOSIVE ATMOSPHERE ATEX

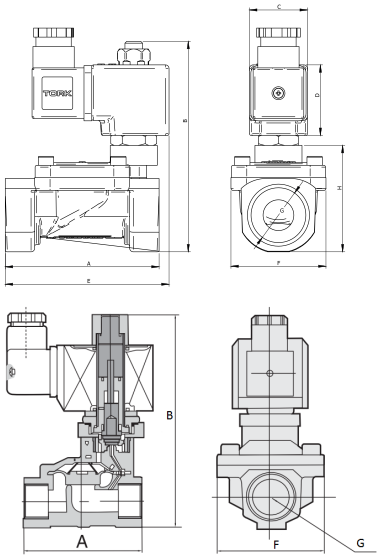
GENERAL FEATURES
- Wide pressure range, a flow rate and orifice options.
- Solenoid valves are used with the filter.
- Solenoid valves can be mounted in any position without affecting its operation.
- Used as explosion-proof in ZONE 1 and ZONE 2



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 class : Atex II 2G Ex mb IIC T4 Gb / II 2D Ex t IIIC T135°C Db IP67 (In case of request IP68)
Cable connection : 3 meter standard cable (other lengths available upon request)
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...)

MATERIALS IN CONTACT WITH FLUID
Body : Stainless Steel (AISI 316)
Internal Parts : Stainless Steel
Sealing : EPDM on request; VITON, NBR
Shading Ring : Copper (EN 12735-1)
Seats, Core Tube, Springs : Stainless Steel

OPTIONS
Compatible coils : C41, C43, C46 ve C47 series Atex (exproof)
Connection thread : BSP; On request NPT

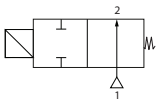


Dimensions (mm)							
G	A	B	C	D	E	F	H
3/8"	79	102.75	32	39	87.5	52	45.25
1/2"	79	102.75	32	39	87.5	52	45.25
3/4"	90	116.3	32	39	90.5	53	59
1"	90	116.3	32	39	90.5	53	59
11/4"	131	158	-	-	-	96	-
11/2"	131	158	-	-	-	96	-
2	165	179	-	-	-	120	-

TECHNICAL FEATURES
Max. Viscosity : 5°E (~37cST or mm²/s)
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

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	COLD	31,4	15,64	0,068	25
		HOT	-	14,41	0,063	80
C41230VAC15VA	230VAC 24VA	COLD	45,1	23,92	0,0154	23
		HOT	-	21,62	0,0154	100

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
								Option		
	SSX1011	G	mm	Bar	Bar	Lt/dk	EPDM	VİTON	NBR	kg
	SSX1011.02	3/8"	12.5	0,5	12	48	✓	✓	✓	0.96
	SSX1011.03	1/2"	12.5	0,5	12	48	✓	✓	✓	0,93
	SSX1011.04	3/4"	17	0,5	12	90	✓	✓	✓	1.15
	SSX1011.05	1"	17	0,5	12	90	✓	✓	✓	1.10
	SSX1011.06	11/4"	35	0,5	8	315	✓	✓	✓	3.55
	SSX1011.07	11/2"	40	0,5	8	430	✓	✓	✓	3.45
	SSX1011.08	2"	50	0,5	8	690	✓	✓	✓	3.88

Not: For product details, please refer to the user manual
Please specify coil voltage when ordering. For detailed information, refer to the coil section
*Only applicable for 15VA or 18W coils

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 ow voltage directive (LVD)

TSSX1011PEN261014

Stainless Flange Solenoid Valve SSX1011-F Series (G11/4", G11/2", G2")

NORMALLY OPEN
2/2
PILOT OPERATED
ΔP=0,5

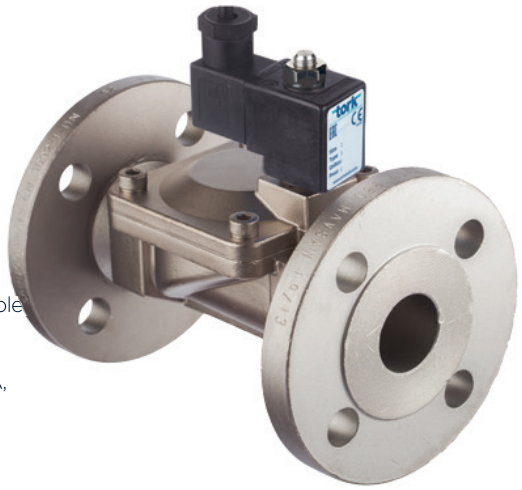
WATER AIR GAS

ACID CHEMICAL

EXPLOSIVE ATMOSPHERE ATEX

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.
- Used as explosion-proof in ZONE 1 and ZONE 2



ELECTRICAL CHARACTERISTICS

Continuous Duty : ED %100*
Coil Insulation Class : H (180°C)(IEC 85)
Coil Impregnation : Güçlendirilmiş Fiber Glass
Ambient Temperature : -20°C, +60°C
Protection class : Atex II 2G Ex mb IIC T4 Gb / II 2D Ex t IIIC T135°C Db IP67 (In case of request IP68)
Cable connection : 3 meter standard cable (other lengths available upon request)
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
Coil voltage with order
Voltages Tolerance : AC -15%, +10% DC -5%, +10%
Frequency : 50 Hz (60 Hz...)

MATERIALS IN CONTACT WITH FLUID

Body : Stainless Steel (AISI 316)
Internal Parts : Stainless Steel
Sealing : EPDM n request;VITON,NBR
Shading Ring : Copper (EN 12735-1)
Seats, Core Tube, Springs : Stainless Steel

OPTIONS

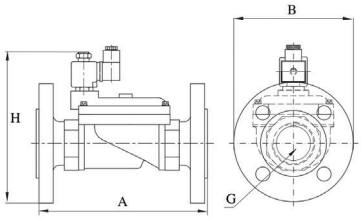
Compatible coils : C41, C43, C46 ve C47 series Atex (exproof)

TECHNICAL FEATURES

Max. Viscosity : 5°E (~37cST veya mm^2/s)
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



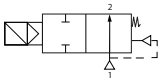
Dimensions(mm)			
G	A	B	H
11/4"	160	135	175
11/2"	160	145	180
2"	200	160	207

Coils	Nominal Values	Cold/ Hot	Inrush	Holding	Current (A)	Surface Temparature (°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	COLD	31,4	15,64	0,068	25
		HOT	-	14,41	0,063	80
C41230VAC15VA	230VAC 24VA	COLD	45,1	23,92	0,0154	23
		HOT	-	21,62	0,0154	100

Not: For product details, please refer to the user manual
Please specify coil voltage when ordering. For detailed information, refer to the coil section
*Only applicable for 15VA or 18W coils

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 ow voltage directive (LVD)

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
								Opsiyon		
	SSX1011-F	DN	mm	Bar	Bar	Lt/dk	EPDM	VITON	NBR	kg
	SSX1011-F.06	32	35	0,5	12	315	✓	✓	✓	7,5
	SSX1011-F.07	40	40	0,5	12	430	✓	✓	✓	8
	SSX1011-F.08	50	50	0,5	12	690	✓	✓	✓	9,5

TSSX1011FEN250722