

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

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 difference 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	: -10°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

TECHNICAL FEATURES

Max. Viscosity	: 5°E (~37cST or mm²/s)
Opening time	: 30 ms
Closing Time	: 30 ms

SEALS FEATURES

NBR	: -10°C...+80°C
EPDM	: -10°C...+130°C
VITON	: -10°C...+160°C
PTFE	: -10°C...+160°C
RUBY	: -10°C...+160°C

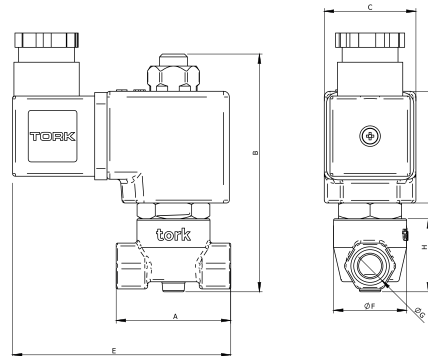


NORMALLY OPEN

2/2 WAY

DIRECT ACTING

ΔP=0-12



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

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

Solenoid Valve Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max	Kv	Seal	Weight
	SSX1011	G	mm	Bar	Bar	Lt/dk	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)

Stainless Steel Solenoid Valve SSX1011 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.
- 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	: -10°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

TECHNICAL FEATURES

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

SEALS FEATURES

NBR	: -10°C...+80°C
EPDM	: -10°C...+130°C
VITON	: -10°C...+160°C
PTFE	: -10°C...+160°C
RUBY	: -10°C...+160°C

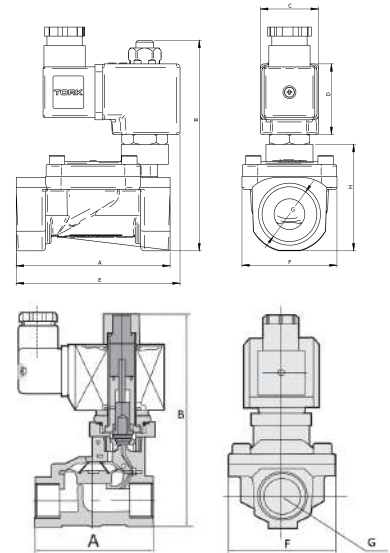


NORMALLY OPEN

2/2 WAY

PILOT OPERATED

$\Delta P=0,5$



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
1 1/4"	131	158	-	-	-	96	-
1 1/2"	131	158	-	-	-	96	-
2	165	179	-	-	-	120	-

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

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 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)

Solenoid Valve Symbol	Valve Type/Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
	SSX1011	G	mm	Bar	Bar	Lt/dk	EPDM	VITON	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	1 1/4"	35	0,5	8	315	✓	✓	✓	3.55
	SSX1011.07	1 1/2"	40	0,5	8	430	✓	✓	✓	3.45
	SSX1011.08	2"	50	0,5	8	690	✓	✓	✓	3.88

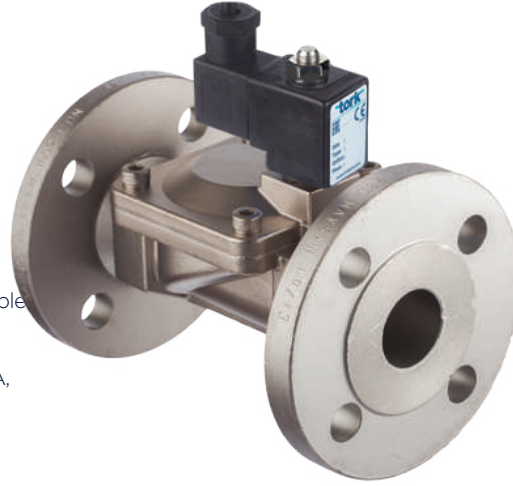
Stainless Flange Solenoid Valve SSX1011-F Series (G1 1/4", G1 1/2", G2")

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.
- 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	: -10°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...)



NORMALLY OPEN

2/2 WAY

PILOT OPERATED

$\Delta P=0,5$



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

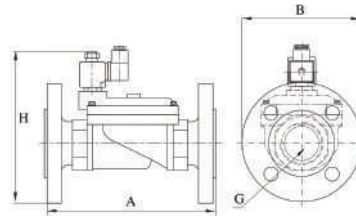
Compatible coils	: C41, C43, C46 ve C47 series Atex (exproof)
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TECHNICAL FEATURES

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

SEALS FEATURES

NBR	: -10°C...+80°C
EPDM	: -10°C...+130°C
VITON	: -10°C...+160°C
PTFE	: -10°C...+160°C
RUBY	: -10°C...+160°C



Dimensions(mm)			
G	A	B	H
1 1/4"	160	135	175
1 1/2"	160	145	180
2"	200	160	207

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

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 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)

Solenoid Valve Symbol	Valve Type/Order No	Connection Size	Orifice Size	Pressure min/max	Kv	Seal	Weight
	SSX1011-F	DN	mm	Bar	Bar	Lt/dk	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