FEATURES

The 710 XS + SA 2-way ball valve is intended for automatic disconnection of industrial fluid networks not loaded up to a pressure of 40 bar. With their 3-piece and external bolts construction, they are easy to dismantle for maintenance. This full-bore ball valve has an antistatic device, a gland pack double tightness. It is CE approved, ATEX, fire safety and TA-LUFT. he ISO 5211 pad enables the direct mounting of the SA03 electric actuator or with arch according to the diameter. It is suitable for type S2 service factors and is perfectly suited for industrial use with indoor or outdoor installation under shelter.

AVAILABLE MODELS







With SA05-X



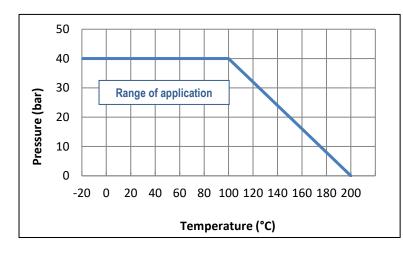


Diameters DN 15 to DN 50. Flanged connections RF PN40.

Supply voltages: 12 Vdc, 24 Vac-dc and 230 Vac.

LIMITS OF USE

Fluid pressure : PS	40 bar (20°C)
Fluid temperature : TS	-20°C / +200°C
Ambiant temperature	- 20°C / + 70°C
Service factor	S2 : 15mn - S4 : 50%





DIRECTIVES AND MANUFACTURING STANDARDS

OBJET	Standard	ON	OBJET	Standard
Pressure Equipment	DN 15 to DN 20 : not subject		Final test	EN 12266
Directive 2014/68/EC	DN 25 to DN 80 : category III	TÜV 0035	Material certificate	EN 10204
Size	EN 12516-1		Motorisation connection	ISO 5211
Steel grade	EN 1503-1		Motorisation Kit	EN 15081
Face-to-face dimensions	EN 558-1 série 1		Fire safety	API 607/4 - EN10497-5
ATEV Dine etime	Valve	SIRA 0518	8 II 2G/D Tx for areas 1,2,21 and 22	
ATEX Directive	Actuator (option SA-X)	KEMA 0344	II 2G EEx d II C T4 for areas 1 and 2	

Information given as an indication only, and subject to possible modifications

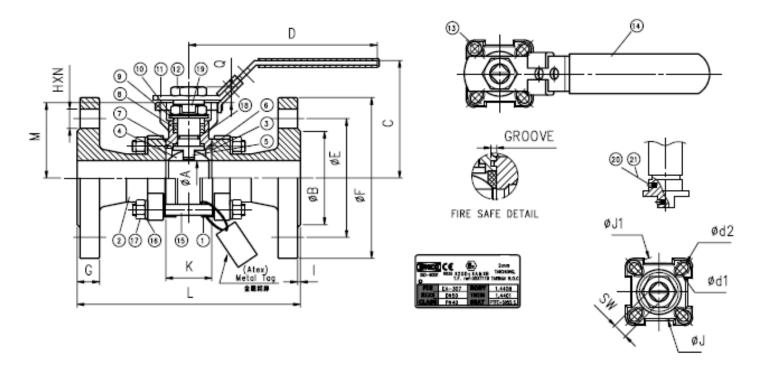


SECTORIEL S.A. 45 rue du Ruisseau 38290 SAINT QUENTIN-FALLAVIER - FRANCE Tél: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95 www.sectoriel.com / Email : sectoriel@sectoriel.fr

Pages	1/6
Ref.	TDS710XS+SA ENG
Rev.	03
Date	03/2024

CONSTRUCTION

No.	Name	Material	No.	Name	Material
1	Body	1.0619	12	Nut	304 SS
2	Ends	1.0619	13	End stop	304 SS
3*	Seats	PTFE+50% Stainless steel	14	Sleeve	PVC
4	Ball	CF8M / 316	15	Tie-bolts	304 SS
5	Stem	316 SS	16	Washer	304 SS
6*	Body gasket	Graphite	17	Nuts	304 SS
7*	Washer	PTFE+15%GF	18*	O-ring	FPM
8*	Gland packing	Graphite	19	Retaining ring	304 SS
9	Spacer	301 SS	20	Antistatic ball	316 SS
10	Bellevillewasher	301 SS	21	Spring	316 Ss
11	Lever	304 SS			



DIMENSIONS (mm)

DN	Α	В	С	D	E	F	SW	d1	d2	M	Q	K	L
15	16	45	70.9	125	65	95	9	6	6	42.3	8	25.2	130
20	20	58	73.4	125	75	105	9	6	6	44.8	8	27.2	150
25	24.5	68	84.1	150	85	115	11	6	7	54	12	33	160
32	32	78	89.3	150	100	140	11	6	7	59.2	12	41.2	180
40	38	88	109.5	165	110	150	14	7	9	73.5	14.8	49.3	200
50	50	102	118.9	165	125	165	14	7	9	82.9	14.8	63.6	230

Information given as an indication only, and subject to possible modifications



SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER – FRANCE
TÓL: +23.4.74.94.90.70. Fax: +23.4.74.94.12.9

Tél: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95 www.sectoriel.com / Email: sectoriel@sectoriel.fr

Pages	2/6
Ref.	TDS710XS+SA ENG
Rev.	03
Date	03/2024

SA ELECTRICAL MOTORISATION

Suggested standard SA actuation under the following conditions:

- Electric actuator with an IP 67 epoxy coated aluminium enclosure and steel gears,
- A minimum 1.3 safety factor compared with the valve nominal torque rating,
- A maximum pressure differential up/downstream of 10 bar ($=\Delta P$),

Direct mounting of the electric actuator or arch type + stainless steel drive according to EN 15081.

DN	Actuator	Power (W)	Intensity 230V AC	Intensity 24V AC-DC	Time (s)*	Standard equipment of the actuator				
15	SA 05	6 W	0,23 A	1,8 A	17 s	2 adjustable limit switches				
20	SA 05	6 W	0,23 A	1,8 A	17 s	2 dry auxiliary switches 5 W anti-condensation heater				
25	SA 05	6 W	0,23 A	1,8 A	17 s	Actuator thermal cut-out				
32	SA 05	6 W	0,23 A	1,8 A	17 s	Manual override by key				
40	SA 05	6 W	0,23 A	1,8 A	17 s	Backlit position indicator (except for the SA-X version)				
50	SA 05	6 W	0,23 A	1,8 A	17 s	Electrical connection: 2 gland packs. M20x1.5				
65										
80	Pofor to 710VS + NA actuator									
100	Refer to710XS + NA actuator									

For any other operating conditions, please contact us.

MOTORISATION OPTIONS

There are many options, so please contact our sales service for more information on these:

1	2	3	4	5				
SA 05 S :	<u>SA 05 PCU</u> :	SA 05 SCP :	SA 05 X :	<u>SR 05</u> :				
Low speed electric	Regulation actuator	Safety actuator with	zone ATEX 1 and 2	spring return fail safe				
actuator	4-20 mA or 0-10 V	an integrated battery	actuator	actuator				
100 s		emergency shutdown						
				3				
6	SAPUI electric actuator with fe	SAPUI electric actuator with feedback potentiometer						
7	Thermal dispersion bracket for high temperature fluids							
8	100 mm high stem extension for pipe insulation							
9	Electric actuator sized for a ma	aximum pressure differen	ntial up/downstream over	10 bar (=ΔP)				
10	NA electric actuator with a de-	clutchable manual overric	de by handwheel	_				

ATEX ZONE INSTALLATION

It is compulsory to specify if the installation of the automatic valve 710 XS + SA05-X will take place in ATEX zones 1 or 2 while making the order. Our services will proceed to the mounting check, to a grounding strip installation and will edit a mounting certificate. Those operations are performed by our proper engineers.

Please contact us for further details. It is also compulsory to follow the ATEX zone motorized valves mounting and maintenance special instructions. The ATEX gland packs and sealing plugs are not provided. Please use the following codes:

ATEX aluminium gland pack M20x1.5	Code 980179		ATEX aluminium sealing plugs M20x1.5	Code 980180
-----------------------------------	-------------	--	--------------------------------------	-------------



^{*} indicative time for actuator running empty

ASSEMBLY AND MAINTAINANCE INSTRUCTIONS

1 - Installation

1.1 - Checks

- Check that the material of the valve body is chemically compatible with the fluid.
- Check that the pressure and service conditions are compatible with the (P, T) diagram of the valve. See §
 "Service limits"
- Check that the fluid is clean and free of particles. The latter could scratch the ball and damage the seats, hence causing the valve to leak. If need be, install an upstream filter.
- Check that there is no risk of thermal expansion of the fluid, which could damage the seats. In the open
 position, a hole at the top of the ball balances the pressures between the body cavity and the flow of the
 fluid. As an option, we recommend a relief hole upstream of the valve for equalising the pressures for fluids
 such as ammonia, LPG, chlorine, etc.
- Check that the valve is not used for flow or pressure control since it is not intended for this use and there is
 a risk of premature wear of the seats, in particular in the event of high pressure and/or temperature. For this
 special application, preferably use our "V-port" version with a V-shaped hole in the ball. Please contact us.
- Check that the valve is not used on a gas which might condense at certain times during the process. In such
 a case, the pressure within the body cavity could become negative, which could lead to a significant
 deformation of the seats. Please contact us.
- Static electricity: the valve will be supplied with a ball-stem-body internal electrical continuity tester. If the service conditions require the electrical continuity of the installation, check its earthing.
- o If the valve is installed in an explosive zone, you must follow the additional "IMEVMATEX" instructions.

1.2 - Storage before installation

- Follow our general "IMESTOCK" instructions for storage.
- Check that the tie-bolts of the valves were not loosen during transport.

1.3 - Installation

- Before any installation, isolate the piping upstream and downstream, depressurize the piping and bring the
 installation to ambient temperature. Carefully clean the piping of any particle (foreign body, dust, rust, etc.)
 or shavings by water rinsing or air blowing.
- o For valves with a size above DN50, plan to use a hoist.
- o Remove the protective plates from the valve flanges
- o Check the cleanliness of the internal surfaces of the valve and if need be, clean them.
- O Direction of mounting: the valves do not have a preferred direction of mounting, unless a relief hole was drilled into the ball.
- Check the perfect alignment and the proper support of the pipe installation upstream and downstream of the valve. Alignment defects cause mechanical deformations which can block the valve or lead to leaks at the body gaskets.
- o Check that the standards for the valve flanges (PN40 as per1092-1) and the pipe installation, are the same.
- Select flange gaskets suitable for the fluid and the flange standard for the valve (PN40).

Information given as an indication only, and subject to possible modifications



www.sectoriel.com / Email : sectoriel@sectoriel.fr

O Stock up on hex-head nuts and bolts as shown in the table below:

DN	Screw	Number	Tightening	DN	Screw	Number	Tightening torque
			torque (Nm)				(Nm)
15	M12 x 35	4	35	50	M16 x 55	4	86
20	M12 x 40	4	35	65	M16 x 55	4	86
25	M12 x 45	4	35	80	M16 x 60	8	86
32	M16 x 45	4	86	100	M16 x 60	8	86
40	M16 x 50	4	86				

- Screw the screw through the flanges and apply the torques shown in the table below. Follow a symmetrical tightening cross pattern in order to apply a uniform tightening torque on the gasket seats.
- o Hydraulic test of the installation
 - Valves were tested at the factory at 1.5 x WP.
 - o If a hydrostatic test is carried out on the installation, do not exceed the authorized pressure.

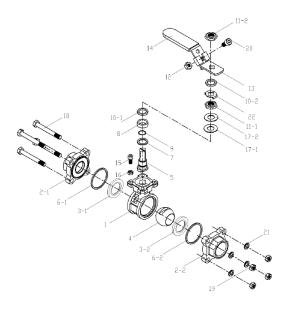
2 - Service

- o If a hot fluid flows across the valve, do not touch the valve surface.
- o Always operate the valve slowly and smoothly.
- Opening clockwise, closing anti-clockwise.

3 - Servicing

3.1 - Frequency of servicing

- The servicing frequency depends upon the use of the valve, of the type of fluid, of its velocity, of its frequency of operation, of the cycles of rise and fall in pressure and temperature.
- Before any intervention, isolate the upstream and downstream pipe installation using the valves provided for this purpose. Depressurize the pipe installation and bring it to ambient temperature.
- o If the lever has to be removed, do that before disassembling the body.
- o To remove the central body, unscrew the tie-bolts symmetrically. Then gently remove the central part avoiding to drop the ball.
- o To remove the ball from the body, turn the stem by a quarter turn.



Information given as an indication only, and subject to possible modifications



SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER – FRANCE
Tél: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95

www.sectoriel.com / Email : sectoriel@sectoriel.fr

Pages	5/6
Ref.	TDS710XS+SA ENG
Rev.	03
Date	03/2024

3.2 - Inspecting the state of the valve and possible repair

- Check the state of the ball (Item 4): it has to be clean and unscratched. If the cleaning or polishing is not possible, replace it (see the § on spare parts).
- Check the state of the seats (3.1 and 3.2): they must not be deformed, nor scratched, nor worn, or dirty. Otherwise, replace them with parts from the gasket kit.
- Check the state of the packing gland (7.8 and 9): no leak should be found at the stem and the rings should not be excessively worn. If need be, replace the gaskets.
- Check the state of the body gaskets (6.1 and 6.2). Replace them if necessary.
- o Reassemble the different parts of the valve, following the tightening torques shown in the table below.
- o Check that the stem manoeuvring is smooth. Perform about ten manoeuvres.

TABLE OF THE TIGHTENING TORQUES OF THE TIE-BOLTS AND OF THE LEVER NUT

DN	Tie-bolts	Torque (Nm)	Lever nut (Nm)
15	M6	10	4
20	M8	20	4
25	M8	20	4.5
32	M10	35	4.5
40	M10	35	5.5
50	M10	40	5.5
65	M12	70	7
80	M16	120	7
100	M16	120	7

SPARE PARTS

DN	Gasket kit	Ball	V30° ball	V60° ball	Tie-bolt kit	Lever
Reference mark	6-7-8-18	4	4	4 4		11
15	982872	980032	980042	980052	982832	982802
20	982873	980033	980043	980053	982833	982802
25	982874	980034	980044	980054	982834	982804
32	982875	980035	980045	980055	982835	982804
40	982876	980036	980046	980056	982836	982806
50	982877	980037	980047	980057	982837	982806
65	982878	Please contact us.	Please contact us.	Please contact us.	982838	
80	982879	Please contact us.	Please contact us.	Please contact us. Please contact us.		982808
100	982880	Please contact us.	Please contact us.	Please contact us.	Please contact us.	982808

Information given as an indication only, and subject to possible modifications



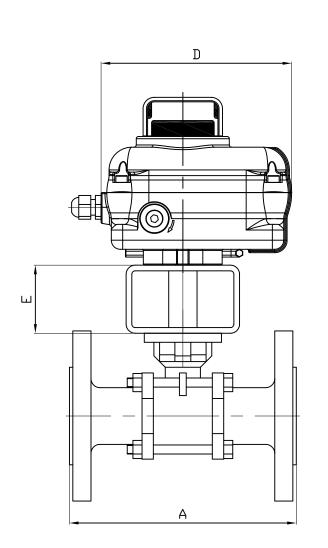
SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER – FRANCE
Tél: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95
www.sectoriel.com / Email: sectoriel@sectoriel.fr

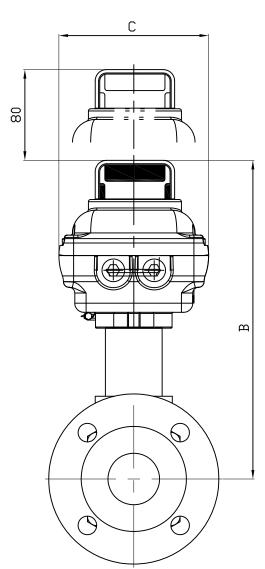
 Pages
 6/6

 Ref.
 TDS710XS+SA ENG

 Rev.
 03

 Date
 03/2024





DN	DN15	DN20	DN25	DN32	DN40	DN50
SERVO	SA05	SA05	SA05	SA05	SA05	SA05
Α	130	150	160	180	200	230
В	255.3	257.8	207	212.2	226.5	235.9
С	127	127	127	127	127	127
D	170	170	170	170	170	170
E	60	60	ı	-	1	1
KG	6	6.9	7.4	10.3	11.1	14.6

Informations données à titre indicatif et sous réserve de modifications éventuelles data subject to alteration

Ech:/	Date :31/01/2020	Dessiné par : E.D.	Tolérances générales: +/- 0.2	Modifications	Date	REV.	
RO	ROBINET A TOURNANT SPHERIQUE 710XS/BALL VALVE			Matiére :			
	710XS + SERVOMOTEUR SA/ELECTRICAL ACTUATOR SA			Poids (Kg) :			
45, Rue du Ruisseau 38297 SAINT QUENTIN FALLAVIER		Traitement : SANS					
			SAINT QUENTIN FALLAVIER	Plan n° Ens 1427			

FEATURES

The SA 05 electric actuator is intended for motorising industrial 1/4" turn valves. The torque is of 50 Nm. With a compact, robust construction and IP67 epoxy-coated aluminium housing, the SA actuator is especially well suited for motorising ball valves and butterfly valves installed in workshops or outdoors. The SA 05 has a manual key control and a 3D visual position indicator. Compliant with the EN 15714-2 standard.

AVAILABLE MODELS

Supply voltages: 230 Vac (50-60Hz), 24 Vac/dc and 12 Vdc. **Options**: 110 Vac, feedback potentiometer, local command.





LIMITS OF USE

IP Code	IP 67		
Ambient temperature	- 20°C / +70°C		
Service factor	<u>S2</u> : 15mn - <u>S4</u> : 50%		



Gear box	treated steel pinions			
Torque	50 Nm			
Angle of rotation	90° +/- 5°			
Declutching	Without			
Override control	by key (except for SA 05 S)			



Actuator	SA 05			SA 05 S		
Voltage	230V AC 24V AC/DC 12V DC			230V AC 24V AC/DC		
Torque (Nm)	50					
Manoeuvring time (s)	17 10 11 100 100					
ISO 5211	F03/F05/F07 star 14					

ELECTRICAL FEATURES

Motor protection	Thermal switch	Anti-condensation	5W heater
Limit switches	2 adjustable switches	Floatwicel compostion	2 v D F M20v1 F
Auxiliary switches	2 adjustable dry switches	Electrical connection	2 x P.E. M20x1.5

Actuator	SA 05			SA 05 S		
Voltage	230V AC 24V AC/DC 12V DC		230V AC	24V AC/DC		
Power (W)	6 W	15 W	6 W	6 W	6 W	
Current (A)	0.23	1.8	3.2	0.23	1.8	

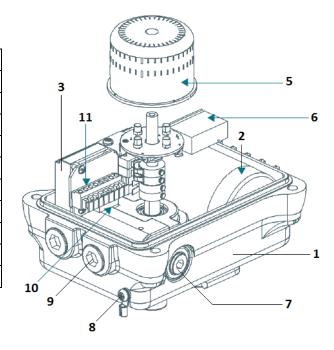


SECTORIEL S.A.	
45 rue du Ruisseau	
38290 SAINT QUENTIN-FALLAVIER - FRANCE	
Telephone: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95	
www.sectoriel.com / Email: sectoriel@sectoriel.fr	

Pages	1/3
Ref.	FT23010 ENG
Rev.	14
Date	05/2023

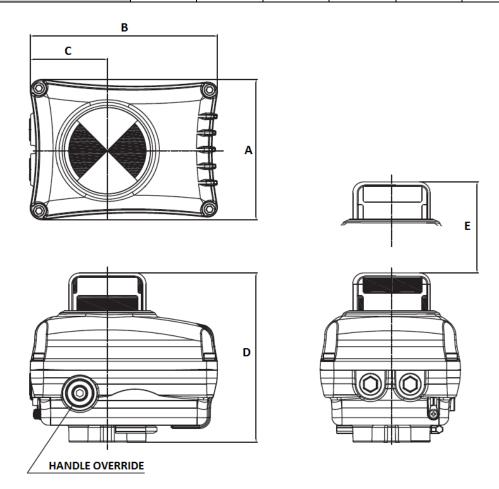
CONSTRUCTION

1	Housing	Polyester-coated aluminium
2	Electrical motor	
3	Gear box	Treated steel pinions
4	Cover	Polyester-coated aluminium
5	Position indicator	Polycarbonate plastic
6	Condenser	
7	Handle override	
8	Earthing	
9	Cable inlet	
10	Anti-condensation heater	
11	Terminal box	



DIMENSIONS (mm) AND WEIGHT (kg)

Dimensions (mm)	Α	В	С	D	E	Weight (kg)
SA 05	127	170	70	153	80	3.2



Information given as an indication only, and subject to possible modifications

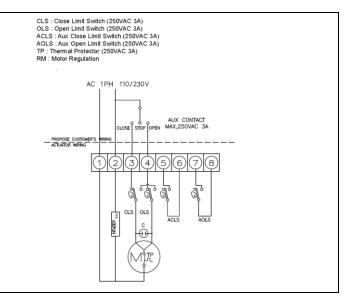


SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER - FRANCE
Telephone: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95
www.sectoriel.com / Email: sectoriel@sectoriel.fr

Pages	2/3
Ref.	FT23010 ENG
Rev.	14
Date	05/2023

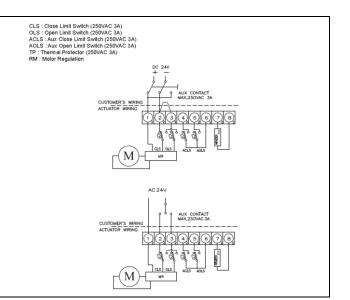
WIRING DIAGRAM 230V AC 50Hz/60Hz

1	common	
2	anti-condensation heater	
3	closing command	
4	opening command	
5	closing auxiliary	
6	closing auxiliary	
7	opening auxiliary	
8	Opening auxiliary	



WIRING DIAGRAM 24V AC/DC-12V DC

1	Common or +	
2	Closing command	
3	Opening command	
4	closing auxiliary opening auxiliary	
5		
6	Auxiliaries common	
7	Anti-condensation heater power supply	
8	Anti-condensation heater power supply	



OPTIONS

1	SA 05 X: version for ATEX zone	
2	SA 05 PIU: version with feedback potentiometer	
3	SA 05 CPT: version with position transmitter 4-20 mA	
4	SA 05 PCU: version with adjustment card 0-10, 2-10V, 2-20 mA, 4-20 mA	
5	SA 05 LCU: version with local control	
6	SA 05 RBP: version with in-built fail safe/security	



SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER - FRANCE
Telephone: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95
www.sectoriel.com / Email: sectoriel@sectoriel.fr

Pages	3/3
Ref.	FT23010 ENG
Rev.	14
Date	05/2023

FEATURES

SA05-X electric actuators are intended for motorising 1/4" turn valves in explosive zones. The torque is of 50 Nm. The protection mode is a "d" explosion-proof. With a compact, robust construction and IP67 epoxy-coated aluminium housing, the SA05-X actuator is especially well suited for motorising ball valves and butterfly valves installed in difficult atmospheres. The SA05-X has a manual key control and a 3D visual position indicator. Compliant with the EN 15714-2 standard.

AVAILABLE MODELS

Supply voltages: 230V AC (50-60Hz), 24V AC/DC.

LIMITS OF USE

IP Code	IP 67
Ambient temperature	- 20°C / +55°C
Service factor	<u>S2</u> : 15mn - <u>S4</u> : 50%



ATEX APPROVAL

Protection mode	"d" according to the EN 60079-1 standard
Category of material	2
Operation zones	1G and 2G
Marking	II 2 G Ex d IIB T4 (ON KEMA no. 0344)













MECHANICAL FEATURES

Gear box treated steel pinions	
Torque 50 Nm	
Angle of rotation	90° +/- 5°
Declutching	Without
Override control	By key

Actuator	SA 05-X (50Hz)		SA 05-X (60Hz)
Voltage	230V AC 24V AC/DC		230V AC
Torque (Nm)	50		50
Manoeuvring time (s)	17 10 14		14
ISO 5211	F03/F05/F07 star 14		



SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER - FRANCE
Telephone: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95
www.sectoriel.com / Email : sectoriel@sectoriel.fr

Pages	1/4
Ref.	FT23310 ENG
Rev.	08
Date	10/2023

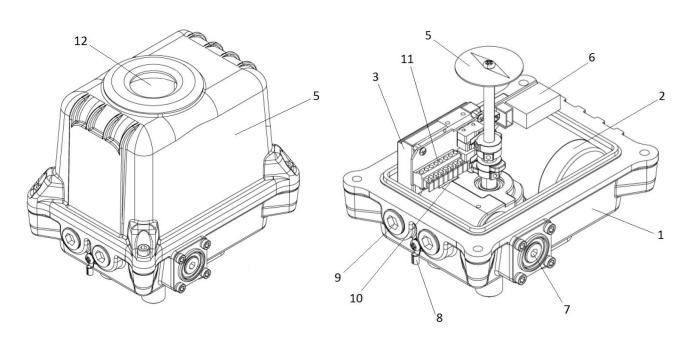
ELECTRICAL FEATURES

Motor protection	Thermal switch	Anti-condensation	5W heater	
Limit switches	2 adjustable switches	Floatwicel compostion	2 x C.G. M20x1.5 ATEX	
Auxiliary switches	2 adjustable dry switches	Electrical connection	(NOT SUPPLIED on option)	

Actuator	SA 05 X		
Voltage	230V AC 24V AC/DC		
Power (W)	6 W	6 W	
Current (A)	0.23	1.8	

CONSTRUCTION

1	Housing	Polyester-coated aluminium
2	Electrical motor	
3	Gear box	Treated steel pinions
4	Cover	Polyester-coated aluminium
5	Position indicator	Polycarbonate plastic
6	Condenser	
7	Handle override	
8	Earthing	
9	Cable inlet	
10	Anti-condensation	
10	heater	
11	Terminal box	
12	Indicator light	Toughened glass



Information given as an indication only, and subject to possible modifications

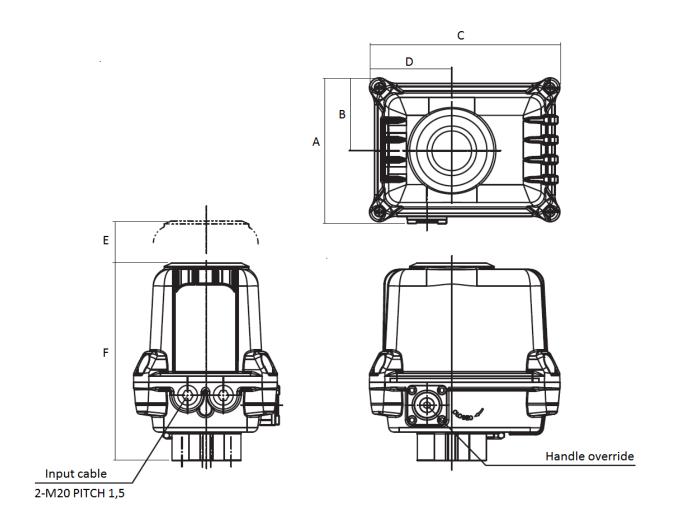


SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER - FRANCE
Telephone: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95
www.sectoriel.com / Email : sectoriel@sectoriel.fr

Pages	2/4
Ref.	FT23310 ENG
Rev.	08
Date	10/2023

DIMENSIONS (mm) AND WEIGHT (kg)

Dimensions (mm)	Α	В	С	D	E	F	Weight (kg)
SA05-X	147	73	193	83	100	199	5



Information given as an indication only, and subject to possible modifications



SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER - FRANCE
Telephone: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95
www.sectoriel.com / Email : sectoriel@sectoriel.fr

Pages	3/4
Ref.	FT23310 ENG
Rev.	08
Date	10/2023

WIRING DIAGRAM 230V AC 50Hz/60Hz

1	common	CLS: Close Limit Switch (250VAC 3A) OLS: Open Limit Switch (250VAC 3A) ACLS: Aux Close Limit Switch (250VAC 3A) AOLS: Aux Open Limit Switch (250VAC 3A)		
2	Anti-condensation heater	TP : Thermal Protector (250VAC 3A) RM : Motor Regulation		
3	closing command	AC 1PH 110/230V		
4	opening command	AUX CONTACT CLOSE STOP OPEN MAX,250VAC 3A PROPOSE CUSTOMER'S MIRING ACTUATOR WIRING		
5	closing auxiliary	12345678		
6	closing auxiliary	as ors ors		
7	opening auxiliary	CLS OLS ACLS AOLS		
8	Opening auxiliary	MIR		

WIRING DIAGRAM 24V AC/DC

1	Common or +	CLS: Close Limit Switch (250VAC 3A) OLS: Open Limit Switch (250VAC 3A) ACLS: Aux Close Limit Switch (250VAC 3A) AOLS: Aux Open Limit Switch (250VAC 3A) TP: Thermal Protector (250VAC 3A)
2	Closing command	RM : Motor Regulation DC 24V + -
3	Opening command	CUSTOMER'S WIRING ACTUATOR WIRING (1) (2) (3) (4) (5) (6) (7) (8)
4	closing auxiliary	M ACLS ACLS ACLS
5	opening auxiliary	AC 24V
6	Auxiliaries common	CUSTOMER'S WIRING AUX CONTACT MAX,250VAC 3A
7	Anti-condensation heater power supply	ACTUATOR WIRING 1 2 3 4 5 6 7 8
8	Anti-condensation heater power supply	CLS OLS ACLS ACLS

Information given as an indication only, and subject to possible modifications



SECTORIEL S.A.
45 rue du Ruisseau
38290 SAINT QUENTIN-FALLAVIER - FRANCE
Telephone: +33 4 74 94 90 70 - Fax: +33 4 74 94 13 95
www.sectoriel.com / Email : sectoriel@sectoriel.fr

Pages	4/4
Ref.	FT23310 ENG
Rev.	08
Date	10/2023