

Main Features :-

Failsafe Electric Actuator Series

IP67 housing

Mechanical Spring Return

ATEX option

50Nm/100Nm and 300Nm Option

Manual Override

220VAC Voltage main voltage—other voltages as option.



IP 67

ISO 9001

CE

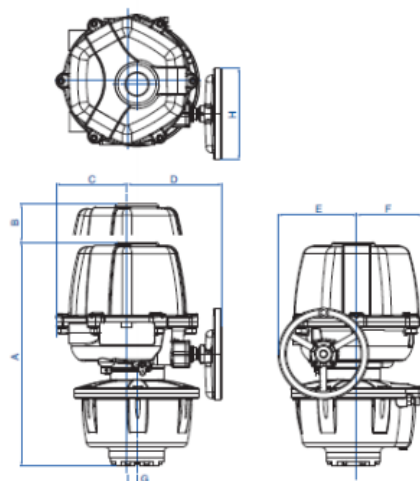
SECTORIEL



TYPE: FAILSAFE ACTUATOR

Dimensional Drawing:-

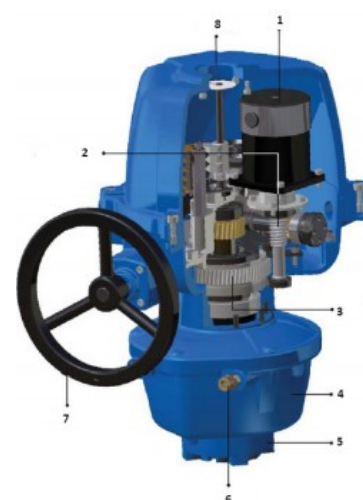
DIMENSIONS (mm)



Item	A	B	C	D	E	F	G	H
SR05	477	155	150	206	164	134	20	200
SR10	4535	212.5	156	208	173	141	22	200
SR30	653	212.5	156	208	173	141	22	200

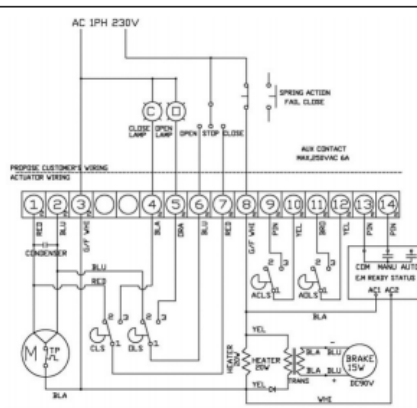
LIMITS OF USE

Protection rating	IP 67
Temperature range	-20°C / +55°C
Service	S2- 15 minutes
Installation	Vertical only Electric actuator on top of the valve



WIRING SCHEME 230VAC

1	Unused
2	Unused
3	Common
4	Suggestion for "close" lamp
5	Suggestion for "open" lamp
6	Opening control
7	Closing control
8	Dec clutching supply
9	Auxiliary switch closing
10	Auxiliary switch closing
11	Auxiliary switch opening
12	Auxiliary switch opening



CONSTRUCTION

1	Electric motor	Polyester coated aluminium
2	Worm gear	Treated steel
3	Spur gear	Treated steel
4	Spring rod	Polyester coated aluminium
5	Mounting flange	Polyester coated aluminium
6	Adjustable stops	Stainless steel
7	Emergency handwheel	Steel
8	Position indicator	Safety glass

ISO 9001:2015 Accredited Company

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Dimensional Drawings and Additional Technical Specifications:-

ELECTRICAL CHARACTERISTICS

Limit switches	2 adjustable switches	Electrical connection	2 glandpacks. M20x1.5
Auxiliary switches	2 dry adjustable switches	Anti-condensation	20 W heater

Item	Spring return (90°)	Electric actuator operating time						
		110V AC		230V AC		3~400V AC		24 V DC
		opening/closing (s)						
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
SR05	1 s	16/14	14/12	16/14	12/13	17/15	15/13	13/10
SR10	1 s	18/16	16/14	20/19	17/15	21/19	19/16	20/12
SR30	1 s	90/81	72/68	89/62	75/68	87/82	74/68	86/56

Item	110V AC		230V AC		3~400 V AC		24 V DC
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
SR05	1.75 A	1.7 A	1.15 A	1.03 A	0.24 A	0.25 A	6.3 A
SR10	2.4 A	3 A	1.18 A	1.3 A	0.4 A	0.40.4 A	8.6 A
SR30	2.3 A	3.15 A	1.16 A	1.3 A	0.36 A	0.29 A	7.6 A

Gears	Treated steel pinions		
Emergency control	Handwheel		
Spring rod lubrication	Shell Alvania EP2		
Rotation angle	90° +/- 5°		
Torque limiter	2 external adjustable mechanical stops		
Declutching	Electro-magnetic		
	SR05	SR10	SR30
Torque	50 Nm	100 Nm	300 Nm
Number of emergency handwheel rotations	25rotations	25 rotations	113rotations
Valve connection ISO 5211	F07 star 14	F07 / F10 star 17	F10 / F12 star 17
Weight	26 kg	35 kg	62 kg