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SERIES

Spring Return Fail-safe

Electric Valve Actuator



Electrical Data (100V, 200V)



SUN YEH ELECTRICAL IND. CO., LTD.

SY02-Ga01A1-EN

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Spring Return Fail-safe Electric Valve Actuator Electrical Data

1. S-500 to 2600, ON/OFF, 1PH, 30% & 50% duty cycle

1.1 100VAC, ON/OFF Control

50% duty cycle for -30°C to +40°C / -40°C to +40°C (optional)

30% duty cycle for 41°C to 65°C

Model	Torque		Motor Power	Power Consumption 60 / 50 Hz	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Return Time	Lock Current 60 / 50 Hz
	Nm	in-lb	W	W	Amp	Sec / 90°	Sec / 90°	Amp
S-500	50	445	50	160 / 120	1.6 / 1.3	8 / 9	3	2.7 / 3.0
S-1300	130	1150	130	400 / 270	4.5 / 2.9	8 / 9	10	5.1 / 5.1
S-2000	200	1770	130	390 / 270	4.4 / 2.9	13 / 15	15	5.1 / 5.2
S-2600	260	2300	130	390 / 270	4.4 / 2.9	15 / 18	19	5.1 / 5.3

- The actuator will be protected by 5 Amp. fuse on the PCBA.
- The running current is measured at max. torque.

1.2 200VAC, ON/OFF Control

50% duty cycle for -30°C to +40°C / -40°C to +40°C (optional)

30% duty cycle for 41°C to 65°C

Model	Torque		Motor Power	Power Consumption 60 / 50 Hz	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Return Time	Lock Current 60 / 50 Hz
	Nm	in-lb	W	W	Amp	Sec / 90°	Sec / 90°	Amp
S-500	50	445	50	160 / 130	0.8 / 0.7	8 / 9	3	1.5 / 1.6
S-1300	130	1150	130	410 / 280	2.3 / 1.5	8 / 9	10	2.7 / 2.7
S-2000	200	1770	130	390 / 280	2.2 / 1.5	13 / 15	15	2.7 / 2.8
S-2600	260	2300	130	390 / 280	2.2 / 1.5	15 / 18	19	2.7 / 2.9

- The actuator will be protected by 5 Amp. fuse on the PCBA.
- The running current is measured at max. torque.



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