

S Series

Spring Return Fail-safe Electric Valve Actuator

Electrical Data



SUN YEH ELECTRICAL IND. CO., LTD.

SY02-G001B/EN

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1. S-500 to 2600, 1PH, 50% duty cycle

1.1 24VAC/DC, ON/OFF Control, 50% duty cycle

Model	Torque		Motor Power	Running Current DC / 60 / 50 Hz	Running Time DC / 60 / 50 Hz	Return Time	Lock Current DC / 60 / 50 Hz
	N·m	in·lb	Watt	Amp	Sec / 90°	Sec / 90°	Amp
S-500	50	445	50	3.0 / 3.0 / 3.0	7 / 7 / 7	3	4.0/4.0/4.0
S-1300	130	1150	130	9.0 / 9.0 / 9.0	8 / 8 / 8		19.0/19.0/19.0
S-2000	200	1770	130	9.0 / 9.0 / 9.0	11 / 11 / 11		19.0/19.0/19.0
S-2600	260	2300	130	9.0 / 9.0 / 9.0	17 / 17 / 17		19.0/19.0/19.0

1.2 110-120VAC, ON/OFF, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Return Time	Lock Current 60 / 50 Hz
	N·m	in·lb	Watt	Amp	Sec / 90°	Sec / 90°	Amp
S-500	50	445	50	1.0 / 1.3	7 / 9	3	2.0 / 2.2
S-1300	130	1150	130	3.8 / 6.9	7 / 9	8	11.0 / 11.5
S-2000	200	1770	130	3.8 / 6.9	11 / 13	12	11.0 / 11.5
S-2600	260	2300	130	3.8 / 6.9	14 / 17	12	11.0 / 11.5

1.3 220-240VAC, ON/OFF, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Return Time	Lock Current 60 / 50 Hz
	N·m	in·lb	Watt	Amp	Sec / 90°	Sec / 90°	Amp
S-500	50	445	50	0.7 / 0.8	7 / 9	3	1.3 / 1.5
S-1300	130	1150	130	2.1 / 3.8	7 / 9	8	5.6 / 5.7
S-2000	200	1770	130	2.1 / 3.8	11 / 13	12	5.6 / 5.7
S-2600	260	2300	130	2.1 / 3.8	14 / 17	12	5.6 / 5.7

2. S-500 to 2600, 3PH, 50% duty cycle

2.1 220-240VAC, ON/OFF, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Return Time	Lock Current 60 / 50 Hz
	N·m	in·lb					
S-500	50	445	50	0.7 / 0.8	7 / 9	3	1.3 / 1.5
S-1300	130	1150	130	2.1 / 3.8	7 / 9	8	5.6 / 5.7
S-2000	200	1770	130	2.1 / 3.8	11 / 13	12	5.6 / 5.7
S-2600	260	2300	130	2.1 / 3.8	14 / 17	12	5.6 / 5.7

2.2 380VAC, ON/OFF, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Return Time	Lock Current 60 / 50 Hz
	N·m	in·lb					
S-500	50	445	50	0.4 / 0.4	7 / 8.5	3	0.5 / 0.6
S-1300	130	1150	130	1.0 / 1.5	7 / 8.5	8	2.8 / 3.0
S-2000	200	1770	130	1.0 / 1.5	11 / 13	12	2.8 / 3.0
S-2600	260	2300	130	1.0 / 1.5	14 / 17	12	2.8 / 3.0

2.3 440VAC, ON/OFF, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Return Time	Lock Current 60 / 50 Hz
	N·m	in·lb					
S-500	50	445	50	0.3 / 0.4	7 / 8.5	3	0.5 / 0.6
S-1300	130	1150	130	0.7 / 1.0	7 / 8.5	8	2.1 / 2.2
S-2000	200	1770	130	0.7 / 1.0	11 / 13	12	2.1 / 2.2
S-2600	260	2300	130	0.7 / 1.0	14 / 17	12	2.1 / 2.2