

SE
SERIES
**Explosion-proof
Spring Return Fail-safe**
Electric Valve Actuator

SUNYEH

Electrical Data



SUN YEH ELECTRICAL IND. CO., LTD.

SY08-GA01A1-EN

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Explosion-proof Spring Return Fail-safe Electric Valve Actuator Electrical Data

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

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

Model	Torque		Motor Power	Power Consumption DC / 60 / 50 Hz	Running Current DC / 60 / 50 Hz	Running Time DC / 60 / 50 Hz	Return Time	Lock Current DC / 60 / 50 Hz
	Nm	in-lb	W	W	Amp	Sec / 90°	Sec / 90°	Amp
SE-500	50	445	50	82 / 92 / 91	3.4 / 4.2 / 4.1	7 / 7 / 9	3	12.0 / 10.4 / 10.0
SE-1300	130	1150	130	176 / 214 / 219	7.3 / 10.0 / 10.1	8 / 7 / 8	8	20.5 / 17.5 / 17.2
SE-2000	200	1770	130	152 / 184 / 184	6.3 / 8.6 / 8.6	11 / 11 / 13	12	20.9 / 17.6 / 17.3
SE-2600	260	2300	130	176 / 218 / 221	7.3 / 10.2 / 10.2	17 / 14 / 17	12	20.9 / 17.6 / 17.3

- The running current is measured at max torque.

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

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
SE-500	50	445	50	139 / 141	1.2 / 1.5	7 / 9	3	1.6 / 1.9
SE-1300	130	1150	130	382 / 476	4.3 / 7.2	7 / 8	8	11.5 / 12.0
SE-2000	200	1770	130	453 / 555	4.9 / 7.7	11 / 13	12	11.6 / 12.6
SE-2600	260	2300	130	370 / 526	4.0 / 7.3	14 / 17	12	11.6 / 12.6

- The running current is measured at max torque.

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

Model	Torque		Motor Power	Power Consumption 60 / 50 Hz	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	Nm	in-lb	W	W	Amp	Sec / 90°	Sec / 90°	Amp
SE-500	50	445	50	183 / 144	0.8 / 0.8	7 / 9	3	0.8 / 0.9
SE-1300	130	1150	130	353 / 502	2.1 / 3.6	7 / 8	8	5.5 / 6.0
SE-2000	200	1770	130	402 / 566	2.2 / 3.8	11 / 13	12	5.9 / 6.2
SE-2600	260	2300	130	456 / 566	2.5 / 3.8	14 / 17	12	5.9 / 6.2

- The running current is measured at max torque.

Explosion-proof Spring Return Fail-safe Electric Valve Actuator Electrical Data

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

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

Model	Torque		Motor Power	Power Consumption 60 / 50 Hz	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	Nm	in-lb						
SE-500	50	443	50	191 / 185	0.8 / 0.8	7 / 9	3	0.8 / 0.9
SE-1300	130	1151	130	363 / 553	2.1 / 3.6	7 / 8	8	5.5 / 6.0
SE-2000	200	1771	130	407 / 557	2.2 / 3.8	11 / 13	12	5.9 / 6.2
SE-2600	260	2302	130	462 / 557	2.5 / 3.8	14 / 17	12	5.9 / 6.2

- The running current is measured at max torque.

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

Model	Torque		Motor Power	Power Consumption 60 / 50 Hz	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	Nm	in-lb						
SE-500	50	443	50	189 / 215	0.5 / 0.6	7 / 9	3	0.5 / 0.7
SE-1300	130	1151	130	322 / 407	1.3 / 1.7	7 / 8	8	2.6 / 2.7
SE-2000	200	1771	130	213 / 247	0.8 / 1.0	11 / 13	12	1.9 / 2.0
SE-2600	260	2302	130	210 / 276	0.8 / 1.1	14 / 17	12	1.9 / 2.0

- The running current is measured at max torque.

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

Model	Torque		Motor Power	Power Consumption 60 / 50 Hz	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	Nm	in-lb						
SE-500	50	443	50	131 / 166	0.3 / 0.4	7 / 9	3	0.4 / 0.5
SE-1300	130	1151	130	286 / 355	0.9 / 1.3	7 / 8	8	2.2 / 2.3
SE-2000	200	1771	130	309 / 413	0.9 / 1.4	11 / 13	12	2.2 / 2.2
SE-2600	260	2302	130	309 / 354	0.9 / 1.2	14 / 17	12	2.2 / 2.2

- The running current is measured at max torque.



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