SE Series

Explosion-proof
Spring Return Fail-safe Electric Valve Actuator

Electrical Data

SUNTORK®
FLOW CONTROL VALVE

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1. SE-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 / 50Hz	Running Time DC / 60 / 50Hz	Return Time	Lock Current DC / 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	445	50	3.4 / 4.2 / 4.1	7 / 7 / 9	3	12.0 / 10.4 / 10.0
SE-1300	130	1150	130	7.3 / 10.0 / 10.1	8 / 7 / 8	8	20.5 / 17.5 / 17.2
SE-2000	200	1770	130	6.3 / 8.6 / 8.6	11 / 11 / 13	12	20.9 / 17.6 / 17.3
SE-2600	260	2300	130	7.3 / 10.2 / 10.2	17 / 14 / 17	12	20.9 / 17.6 / 17.3

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

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	445	50	1.2 / 1.3	7 / 9	3	1.4 / 1.6
SE-1300	130	1150	130	3.8 / 5.5	7 / 8	8	10.1 / 10.9
SE-2000	200	1770	130	3.8 / 6.3	11 / 13	12	10.3 / 10.9
SE-2600	260	2300	130	3.5 / 5.6	14 / 17	12	10.3 / 10.9

1.3 120VAC, ON/OFF, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	445	50	1.2 / 1.5	7 / 9	3	1.6 / 1.9
SE-1300	130	1150	130	4.3 / 7.2	7 / 8	8	11.5 / 12.0
SE-2000	200	1770	130	4.9 / 7.7	11 / 13	12	11.6 / 12.6
SE-2600	260	2300	130	4.0 / 7.3	14 / 17	12	11.6 / 12.6

1.4 220VAC, ON/OFF, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	445	50	0.8 / 0.8	7 / 9	3	0.7 / 0.8
SE-1300	130	1150	130	1.8 / 3.0	7 / 8	8	5.2 / 5.4
SE-2000	200	1770	130	1.8 / 3.0	11 / 13	12	5.2 / 5.5
SE-2600	260	2300	130	1.8 / 2.9	14 / 17	12	5.2 / 5.5

1.5 240VAC, ON/OFF, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	445	50	0.8 / 0.8	7 / 9	3	0.8 / 0.9
SE-1300	130	1150	130	2.1 / 3.6	7 / 8	8	5.5 / 6.0
SE-2000	200	1770	130	2.2 / 3.8	11 / 13	12	5.9 / 6.2
SE-2600	260	2300	130	2.5 / 3.8	14 / 17	12	5.9 / 6.2

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

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

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	443	50	0.8 / 0.8	7 / 9	3	0.7 / 0.8
SE-1300	130	1151	130	1.8 / 3.0	7 / 8	8	5.2 / 5.4
SE-2000	200	1771	130	1.8 / 3.0	11 / 13	12	5.2 / 5.5
SE-2600	260	2302	130	1.8 / 2.9	14 / 17	12	5.2 / 5.5

2.2 240VAC, ON/OFF Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	445	50	0.8 / 0.8	7 / 9	3	0.8 / 0.9
SE-1300	130	1150	130	2.1 / 3.6	7 / 8	8	5.5 / 6.0
SE-2000	200	1770	130	2.2 / 3.8	11 / 13	12	5.9 / 6.2
SE-2600	260	2300	130	2.5 / 3.8	14 / 17	12	5.9 / 6.2

2.3 380VAC, ON/OFF Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	443	50	0.5 / 0.6	7 / 9	3	0.5 / 0.7
SE-1300	130	1151	130	1.3 / 1.7	7 / 8	8	2.6 / 2.7
SE-2000	200	1771	130	0.8 / 1.0	11 / 13	12	1.9 / 2.0
SE-2600	260	2302	130	0.8 / 1.1	14 / 17	12	1.9 / 2.0

2.4 440VAC, ON/OFF Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50Hz	Running Time 60 / 50Hz	Return Time	Lock Current 60 / 50Hz
	N·m	in·lb	Watt	Amp	Sec / 90˚	Sec / 90˚	Amp
SE-500	50	443	50	0.3 / 0.4	7 / 9	3	0.4 / 0.5
SE-1300	130	1151	130	0.9 / 1.3	7 / 8	8	2.2 / 2.3
SE-2000	200	1771	130	0.9 / 1.4	11 / 13	12	2.2 / 2.2
SE-2600	260	2302	130	0.9 / 1.2	14 / 17	12	2.2 / 2.2