

OM

SERIES

Quarter-turn Electric Valve Actuator



Electrical Data



SUN YEH ELECTRICAL IND. CO., LTD.

SY01-G001H-EN

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1. OM-1 to 13, 1PH, 30% & 75% duty cycle

1.1 12VAC/DC, Floating Control, 75% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		DC / 60 / 50 Hz	DC / 60 / 50 Hz	DC / 60 / 50 Hz
			W	Amp	Sec / 90°	Amp
OM-1	35	310	10	2.1 / 2.4 / 2.3	22 / 22 / 21	3 / 4 / 4
OM-A / AM	50	445	10	2.5 / - / -	34 / - / -	3 / - / -
OM-2	90	800	40	4.5 / - / -	15 / - / -	12 / - / -
OM-3	150	1330	40	4.6 / - / -	24 / - / -	8 / - / -
OM-H	300	2655	60	7.1 / - / -	23 / - / -	21 / - / -
OM-4	400	3540	80	14.0 / - / -	21 / - / -	22 / - / -
OM-5	500	4430	80	14.9 / - / -	29 / - / -	27 / - / -
OM-6	650	5755	80	12.3 / - / -	35 / - / -	18 / - / -
OM-7	1000	8855	120	21.7 / - / -	31 / - / -	27 / - / -
OM-8	1500	13280	120	25.6 / - / -	36 / - / -	28 / - / -

- The running current is measured at max torque.

1.2 24VAC/DC, Floating Control, 75% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		DC / 60 / 50 Hz	DC / 60 / 50 Hz	DC / 60 / 50 Hz
			W	Amp	Sec / 90°	Amp
OM-1	35	310	10	1.4 / 1.6 / 1.6	18 / 18 / 18	2.0 / 8.0 / 8.0
OM-A / AM	50	445	10	1.4 / 1.6 / 1.6	36 / 37 / 37	2.0 / 8.0 / 8.0
OM-2	90	800	40	2.8 / 3.4 / 3.4	18 / 18 / 17	10.0 / 11.0 / 12.0
OM-3	150	1330	40	2.6 / 3.1 / 3.1	27 / 26 / 26	10.0 / 11.0 / 12.0
OM-H	300	2655	60	3.7 / 5.3 / 5.3	25 / 20 / 20	14.0 / 28.0 / 28.0
OM-4	400	3540	80	7.7 / 9.4 / 9.4	21 / 20 / 20	20.0 / 30.0 / 30.0
OM-5	500	4430	80	7.4 / 8.9 / 9.0	28 / 26 / 26	20.0 / 30.0 / 30.0
OM-6	650	5755	80	9.0 / 11.1 / 11.6	37 / 37 / 39	20.0 / 30.0 / 30.0
OM-7	1000	8855	120	6.1 / 8.2 / 8.1	52 / 44 / 47	23.0 / 32.0 / 28.0
OM-8	1500	13280	120	9.0 / 11.1 / 11.6	58 / 55 / 58	20.0 / 30.0 / 31.0

- The running current is measured at max torque.

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1.3 24VAC/DC, Modulating Control, 75% duty cycle

Model	Torque		Motor Power	Running Current DC / 60 / 50 Hz	Running Time DC / 60 / 50 Hz	Start Current DC / 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-1	35	310	10	1.3 / 2.8 / 2.8	18 / 18 / 18	2.0 / 8.0 / 8.0
OM-1 (SY-H215101)				1.3 / 1.9 / 1.9	18 / 12 / 13	- *
OM-A / AM	50	445	10	1.3 / 2.8 / 2.8	36 / 37 / 37	2.0 / 8.0 / 8.0
OM-A / AM (SY-H215101)				1.3 / 1.9 / 1.8	35 / 23 / 24	- *
OM-F	65	575	60	2.61 / 2.61 / 2.61	6 / 6 / 6	3.8 / 3.8 / 3.8
OM-2	90	800	40	2.8 / 3.4 / 3.4	18 / 18 / 17	10.0 / 11.0 / 12.0
OM-G	120	1065	60	4.4 / 4.4 / 4.4	8 / 8 / 8	4.8 / 4.8 / 4.8
OM-3	150	1330	40	2.6 / 3.1 / 3.1	27 / 26 / 26	10.0 / 11.0 / 12.0
OM-H	300	2655	60	3.7 / 5.3 / 5.3	25 / 20 / 20	14.0 / 28.0 / 28.0
OM-4	400	3540	80	7.7 / 9.4 / 9.4	21 / 20 / 20	20.0 / 30.0 / 30.0
OM-5	500	4430	80	7.4 / 8.9 / 9.0	28 / 26 / 26	20.0 / 30.0 / 30.0
OM-6	650	5755	80	9.0 / 11.1 / 11.6	37 / 37 / 39	20.0 / 30.0 / 30.0
OM-7	1000	8855	120	6.1 / 8.2 / 8.1	52 / 44 / 47	23.0 / 32.0 / 28.0
OM-8	1500	13280	120	9.0 / 11.1 / 11.6	58 / 55 / 58	20.0 / 30.0 / 31.0

- The running current is measured at max torque.

* The start current of SY-H215101 is soft start mode, the start current is lower than running current.

1.4 24 VAC/DC, Floating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current DC / 60 / 50 Hz	Running Time DC / 60 / 50 Hz	Start Current DC / 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-F	65	575	60	2.6 / 2.6 / 2.6	6 / 6 / 6	3.8 / 3.8 / 3.8
OM-J	80	708	5	- / 0.9 / 1	- / 130 / 156	- / 2 / 2
OM-G	120	1065	60	4.4 / 4.4 / 4.4	8 / 8 / 8	3.8 / 3.8 / 3.8

- The running current is measured at max torque.

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1.5 110-120VAC, Floating Control, 75% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-1	35	310	10	0.6 / 0.6	15 / 15	3.0 / 3.0
OM-A / AM	50	445	10	0.6 / 0.6	28 / 28	3.0 / 3.0
OM-2	90	800	40	0.8 / 0.8	19 / 19	9.0 / 9.0
OM-3	150	1330	40	0.7 / 0.7	29 / 28	9.0 / 9.0
OM-H	300	2655	60	1.0 / 1.0	24 / 23	13.0 / 12.0
OM-4	400	3540	80	2.1 / 2.2	24 / 23	17.0 / 17.0
OM-5	500	4430	80	1.9 / 1.9	28 / 28	17.0 / 17.0
OM-6	650	5755	80	2.0 / 2.1	38 / 38	17.0 / 17.0
OM-7	1000	8855	120	2.0 / 2.0	59 / 58	14.0 / 13.0
OM-8	1500	13280	120	2.8 / 2.8	79 / 82	14.0 / 13.0

- The running current is measured at max torque.

1.6 110-120VAC, Modulating Control, 75% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-1	35	310	10	0.6 / 0.6	18 / 17	3.0 / 2.0
OM-A / AM	50	445	10	0.6 / 0.6	33 / 33	3.0 / 2.0
OM-2	90	800	40	0.8 / 0.8	19 / 19	9.0 / 9.0
OM-3	150	1330	40	0.7 / 0.7	29 / 28	9.0 / 9.0
OM-H	300	2655	60	1.0 / 1.0	24 / 23	13.0 / 12.0
OM-4	400	3540	80	2.1 / 2.2	24 / 23	17.0 / 17.0
OM-5	500	4430	80	1.9 / 1.9	28 / 28	17.0 / 17.0
OM-6	650	5755	80	2.0 / 2.1	38 / 38	17.0 / 17.0
OM-7	1000	8855	120	2.0 / 2.0	59 / 58	14.0 / 13.0
OM-8	1500	13280	120	2.8 / 2.8	79 / 82	14.0 / 13.0

- The running current is measured at max torque.

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1.7 110-120VAC, Floating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Start Current 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-1	35	310	10	0.7 / 0.8	12 / 17	2.0 / 2.0
OM-A / AM	50	445	10	0.7 / 0.8	27 / 37	2.0 / 2.0
OM-F	65	575	60	0.96 / 0.96	6 / 6	2.1 / 2.1
OM-J	80	708	5	0.3 / 0.3	130 / 156	1 / 1
OM-2	90	800	40	1.2 / 1.7	17 / 20	3.0 / 4.0
BM-2	120	1065	40	1.3 / 1.6	9 / 11	4.0 / 4.0
OM-G	120	1065	60	1.38 / 1.38	8 / 8	3.0 / 3.0
OM-3	150	1330	40	1.2 / 1.7	26 / 31	3.0 / 4.0
OM-H	300	2655	60	1.9 / 1.5	24 / 28	5.0 / 5.0
OM-4	400	3540	80	2.1 / 2.4	19 / 23	7.0 / 7.0
OM-5	500	4430	80	2.0 / 2.4	26 / 31	7.0 / 7.0
OM-6	650	5755	80	2.4 / 2.5	34 / 41	7.0 / 7.0
OM-7	1000	8855	120	4.2 / 6.6	50 / 61	14.0 / 15.0
OM-8	1500	13280	120	4.2 / 6.6	51 / 62	15.0 / 13.0
OM-9	2000	17710	180	3.0 / 3.1	62 / 76	12.0 / 12.0
OM-10	2500	22140	180	3.2 / 3.2	62 / 76	12.0 / 12.0
OM-11	3000	26565	180	3.6 / 3.3	62 / 76	12.0 / 12.0
OM-12	3500	31000	220	3.8 / 3.9	62 / 76	15.0 / 16.0
OM-13	4500	40000	220	3.7 / 3.7	88 / 104	15.0 / 16.0

- The running current is measured at max torque.

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1.8 110-120VAC, Modulating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-F	65	575	60	0.97 / 0.97	6 / 6	2.1 / 2.1
OM-2	90	800	40	1.2 / 1.7	17 / 20	3.0 / 4.0
OM-G	120	1065	60	1.39 / 1.39	8 / 8	3.0 / 3.0
OM-3	150	1330	40	1.2 / 1.7	26 / 31	3.0 / 4.0
OM-H	300	2655	60	1.9 / 1.5	24 / 28	5.0 / 5.0
OM-4	400	3540	80	2.1 / 2.4	19 / 23	7.0 / 7.0
OM-5	500	4430	80	2.0 / 2.4	26 / 31	7.0 / 7.0
OM-6	650	5755	80	2.4 / 2.5	34 / 41	7.0 / 7.0
OM-7	1000	8855	120	4.2 / 6.6	50 / 61	14.0 / 15.0
OM-8	1500	13280	120	4.2 / 6.6	51 / 62	15.0 / 13.0

- The running current is measured at max torque.

1.9 220-240VAC, Floating Control, 75% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-1	35	310	10	0.4 / 0.4	15 / 15	2.0 / 2.0
OM-A / AM	50	445	10	0.4 / 0.4	28 / 28	2.0 / 2.0
OM-2	90	800	40	0.4 / 0.4	16 / 16	6.0 / 7.0
OM-3	150	1330	40	0.4 / 0.4	26 / 25	6.0 / 7.0
OM-H	300	2655	60	0.6 / 0.6	23 / 23	10.0 / 9.0
OM-4	400	3540	80	1.1 / 1.1	22 / 22	15.0 / 14.0
OM-5	500	4430	80	1.0 / 1.1	28 / 28	15.0 / 14.0
OM-6	650	5755	80	1.0 / 1.1	35 / 35	15.0 / 14.0
OM-7	1000	8855	120	1.2 / 1.2	59 / 58	10.0 / 10.0
OM-8	1500	13280	120	1.6 / 1.6	79 / 82	10.0 / 10.0

- The running current is measured at max torque.

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1.10 220-240VAC, Modulating Control, 75% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-1	35	310	10	0.4 / 0.4	18 / 18	2.0 / 2.0
OM-A / AM	50	445	10	0.4 / 0.4	30 / 30	2.0 / 2.0
OM-2	90	800	40	0.4 / 0.4	16 / 16	6.0 / 7.0
OM-3	150	1330	40	0.4 / 0.4	26 / 25	6.0 / 7.0
OM-H	300	2655	60	0.6 / 0.6	23 / 23	10.0 / 9.0
OM-4	400	3540	80	1.1 / 1.1	22 / 22	15.0 / 14.0
OM-5	500	4430	80	1.0 / 1.1	28 / 28	15.0 / 14.0
OM-6	650	5755	80	1.0 / 1.1	35 / 35	15.0 / 14.0
OM-7	1000	8855	120	1.2 / 1.2	59 / 58	10.0 / 10.0
OM-8	1500	13280	120	1.6 / 1.6	79 / 82	10.0 / 10.0

- The running current is measured at max torque.

Quarter-turn Electric Valve Actuators Electrical Data

1.11 220-240VAC, Floating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-1	35	310	10	0.4 / 0.4	15 / 17	3.0 / 2.0
OM-A / AM	50	445	10	0.4 / 0.4	25 / 33	3.0 / 2.0
OM-F	65	575	60	0.56 / 0.56	6 / 6	1.0 / 1.0
OM-2	90	800	40	0.6 / 0.8	17 / 21	2.0 / 2.0
BM-2	120	1065	40	0.6 / 0.8	9 / 11	2.0 / 2.0
OM-G	120	1065	60	0.7 / 0.7	8 / 8	1.2 / 1.2
OM-3	150	1330	40	0.6 / 0.8	26 / 31	2.0 / 2.0
OM-H	300	2655	60	0.7 / 1.1	23 / 28	3.0 / 4.0
OM-4	400	3540	80	1.1 / 1.3	20 / 23	4.0 / 4.0
OM-5	500	4430	80	1.0 / 1.3	26 / 31	4.0 / 4.0
OM-6	650	5755	80	1.1 / 1.3	34 / 40	4.0 / 4.0
OM-7	1000	8855	120	2.0 / 3.3	50 / 61	8.0 / 8.0
OM-8	1500	13280	120	2.0 / 3.3	51 / 62	8.0 / 8.0
OM-9	2000	17710	180	2.5 / 1.8	62 / 76	7.0 / 7.0
OM-10	2500	22140	180	2.6 / 1.9	62 / 76	7.0 / 7.0
OM-11	3000	26565	180	2.7 / 2.0	62 / 76	7.0 / 7.0
OM-12	3500	31000	220	2.5 / 2.0	62 / 76	8.0 / 9.0
OM-13	4500	40000	220	2.5 / 2.0	89 / 104	8.0 / 9.0

- The running current is measured at max torque.

1.12 220-240VAC, Modulating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-F	65	575	60	0.58 / 0.58	6 / 6	1.0 / 1.0
OM-2	90	800	40	0.6 / 0.8	17 / 21	2.0 / 2.0
OM-G	120	1065	60	0.71 / 0.71	8 / 8	1.2 / 1.2
OM-3	150	1330	40	0.6 / 0.8	26 / 31	2.0 / 2.0
OM-H	300	2655	60	0.7 / 1.1	23 / 28	3.0 / 4.0
OM-4	400	3540	80	1.1 / 1.3	20 / 23	4.0 / 4.0
OM-5	500	4430	80	1.0 / 1.3	26 / 31	4.0 / 4.0
OM-6	650	5755	80	1.1 / 1.3	34 / 40	4.0 / 4.0
OM-7	1000	8855	120	2.0 / 3.3	50 / 61	8.0 / 8.0
OM-8	1500	13280	120	2.0 / 3.3	51 / 62	8.0 / 8.0

- The running current is measured at max torque.

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2. OM-9 to 13, 1PH, 50% duty Cycle

2.1 12VAC/DC, Floating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current DC / 60 / 50 Hz	Running Time DC / 60 / 50 Hz	Start Current DC / 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-9	2000	17710	180	26.1 / - / -	56 / - / -	68 / - / -
OM-10	2500	22140	180	31.5 / - / -	58 / - / -	67 / - / -

- The running current is measured at max torque.

2.2 24VAC/DC, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current DC / 60 / 50 Hz	Running Time DC / 60 / 50 Hz	Start Current DC / 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-9	2000	17710	180	9.0 / 12.3 / 11.8	77 / 66 / 71	17.0 / 31.0 / 29.0
OM-10	2500	22140	180	11.5 / 14.6 / 14.6	84 / 76 / 86	17.0 / 31.0 / 29.0
OM-11	3000	26565	180	14.9 / 16.8 / 17.2	66 / 68 / 65	39.0 / 48.0 / 52.0
OM-12	3500	31000	220	16.7 / 19.0 / 19.1	67 / 70 / 68	39.0 / 48.0 / 52.0
OM-13	4500	40000	220	15.5 / 17.3 / 17.8	99 / 102 / 102	50.0 / 55.0 / 58.0

- The running current is measured at max torque.

2.3 110-120VAC, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Start Current 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-9	2000	17710	180	2.7 / 2.9	65 / 75	7.0 / 7.0
OM-10	2500	22140	180	3.0 / 3.3	76 / 83	7.0 / 7.0
OM-11	3000	26565	180	4.3 / 4.4	71 / 75	13.0 / 12.0
OM-12	3500	31000	220	4.5 / 4.8	76 / 77	13.0 / 12.0
OM-13	4500	40000	220	3.6 / 3.8	104 / 104	13.0 / 12.0

- The running current is measured at max torque.

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2.4 220-240VAC, Floating or Modulating Control, 50% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Start Current 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-9	2000	17710	180	1.1 / 1.2	72 / 70	12.0 / 12.0
OM-10	2500	22140	180	1.4 / 1.4	85 / 95	12.0 / 12.0
OM-11	3000	26565	180	2.2 / 2.4	61 / 61	21.0 / 24.0
OM-12	3500	31000	220	2.5 / 2.6	65 / 67	21.0 / 24.0
OM-13	4500	40000	220	2.3 / 2.4	90 / 90	21.0 / 24.0

- The running current is measured at max torque.

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3. OM-2 to 13, 3PH, 30% duty cycle

3.1 220-240VAC, Floating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-F	65	575	60	0.9 / 1.2	6 / 7	3.2 / 3.3
OM-2	90	800	40	0.5 / 0.6	16 / 19	1.3 / 1.4
OM-G	120	1065	60	0.9 / 1.2	8 / 9	3.2 / 3.3
OM-3	150	1330	40	0.5 / 0.6	26 / 31	1.3 / 1.4
OM-H	300	2655	60	0.9 / 1.2	23 / 28	3.2 / 3.4
OM-4	400	3540	80	0.9 / 1.0	21 / 24	2.9 / 3.1
OM-5	500	4430	80	0.9 / 1.0	27 / 31	2.9 / 3.1
OM-6	650	5755	80	0.9 / 1.0	34 / 40	2.9 / 3.1
OM-7	1000	8855	120	1.2 / 1.6	52 / 61	4.8 / 4.7
OM-8	1500	13280	120	1.2 / 1.6	54 / 63	4.8 / 4.7
OM-9	2000	17710	180	1.1 / 1.4	64 / 75	6.5 / 7.2
OM-10	2500	22140	180	1.2 / 1.4	64 / 75	6.2 / 6.5
OM-11	3000	26565	180	1.2 / 1.4	64 / 75	6.5 / 7.2
OM-12	3500	31000	220	1.3 / 1.5	64 / 75	6.5 / 7.2
OM-13	4500	40000	220	1.2 / 1.4	89 / 103	6.4 / 6.8

- The running current is measured at max torque.

Quarter-turn Electric Valve Actuators Electrical Data

3.2 380-415VAC, Floating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-F	65	575	60	0.5 / 0.6	6 / 7	1.8 / 1.9
OM-2	90	800	40	0.3 / 0.4	16 / 19	0.8 / 0.9
OM-G	120	1065	60	0.5 / 0.6	8 / 9	1.8 / 1.9
OM-3	150	1330	40	0.3 / 0.4	26 / 31	0.8 / 0.9
OM-H	300	2655	60	0.5 / 0.6	23 / 28	1.8 / 1.7
OM-4	400	3540	80	0.5 / 0.6	21 / 24	2.1 / 2.4
OM-5	500	4430	80	0.5 / 0.6	27 / 31	2.1 / 2.4
OM-6	650	5755	80	0.5 / 0.6	34 / 40	2.1 / 2.4
OM-7	1000	8855	120	0.6 / 0.8	52 / 61	2.6 / 2.8
OM-8	1500	13280	120	0.6 / 0.8	54 / 63	2.6 / 2.8
OM-9	2000	17710	180	0.7 / 0.8	64 / 75	3.9 / 4.0
OM-10	2500	22140	180	0.8 / 0.9	64 / 75	3.9 / 4.0
OM-11	3000	26565	180	0.8 / 0.9	64 / 75	3.9 / 4.0
OM-12	3500	31000	220	0.9 / 0.9	64 / 75	3.9 / 4.0
OM-13	4500	40000	220	0.8 / 0.9	89 / 103	3.9 / 4.0

- The running current is measured at max torque.

Quarter-turn Electric Valve Actuators Electrical Data

3.3 440-480VAC, Floating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Start Current 60 / 50 Hz
	Nm	in-lb	W	Amp	Sec / 90°	Amp
OM-F	65	575	60	0.4 / 0.5	6 / 7	1.6 / 1.7
OM-2	90	800	40	0.2 / 0.3	16 / 19	0.6 / 0.6
OM-G	120	1065	60	0.4 / 0.5	8 / 9	1.6 / 1.7
OM-3	150	1330	40	0.2 / 0.3	26 / 31	0.6 / 0.6
OM-H	300	2655	60	0.4 / 0.5	23 / 28	1.5 / 1.6
OM-4	400	3540	80	0.6 / 0.7	21 / 24	1.9 / 2.0
OM-5	500	4430	80	0.6 / 0.7	27 / 31	1.9 / 2.0
OM-6	650	5755	80	0.6 / 0.7	34 / 40	1.9 / 2.0
OM-7	1000	8855	120	0.4 / 0.5	52 / 61	1.6 / 1.7
OM-8	1500	13280	120	0.4 / 0.5	54 / 63	1.6 / 1.7
OM-9	2000	17710	180	0.6 / 0.8	64 / 75	3.6 / 3.9
OM-10	2500	22140	180	0.7 / 0.8	64 / 75	3.6 / 3.9
OM-11	3000	26565	180	0.7 / 0.8	64 / 75	3.6 / 3.9
OM-12	3500	31000	220	0.7 / 0.8	64 / 75	3.6 / 3.9
OM-13	4500	40000	220	0.7 / 0.8	89 / 103	3.6 / 3.9

- The running current is measured at max torque.

3.4 BM-2, 3PH, Floating Control, 30% duty cycle

Voltage	Torque		Motor Power	Running Current 60 / 50 Hz	Running Time 60 / 50 Hz	Start Current 60 / 50 Hz
Volt	Nm	in-lb	W	Amp	Sec / 90°	Amp
220	120	1065	40	0.5 / 0.6	9 / 10	1.6 / 1.6
380				0.3 / 0.4	9 / 10	1.0 / 1.0
440				0.3 / 0.3	10 / 11	0.7 / 0.7

- The running current is measured at max torque.

Quarter-turn Electric Valve Actuators Electrical Data

4. OM-2 to 13, 3PH, 30% duty cycle, Local Control Unit

4.1 220-240VAC, Floating or Modulating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-2	90	800	40	0.6 / 0.7	16 / 19	1.5 / 1.6
OM-3	150	1330	40	0.6 / 0.7	26 / 31	1.5 / 1.6
OM-H	300	2655	60	0.9 / 1.2	23 / 28	3.2 / 3.6
OM-4	400	3540	80	1.0 / 1.1	21 / 24	2.9 / 3.1
OM-5	500	4430	80	0.9 / 1.1	27 / 31	2.9 / 3.1
OM-6	650	5755	80	0.9 / 1.1	34 / 40	2.9 / 3.1
OM-7	1000	8855	120	1.3 / 1.7	52 / 61	4.7 / 5.2
OM-8	1500	13280	120	1.3 / 1.7	54 / 63	4.7 / 5.2
OM-9	2000	17710	180	1.3 / 1.6	64 / 75	6.2 / 6.8
OM-10	2500	22140	180	1.3 / 1.6	64 / 75	6.2 / 6.8
OM-11	3000	26565	180	1.4 / 1.6	64 / 75	6.2 / 6.8
OM-12	3500	31000	220	1.5 / 1.6	64 / 75	6.2 / 6.8
OM-13	4500	40000	220	1.4 / 1.6	89 / 103	5.8 / 6.0

- The running current is measured at max torque.

4.2 380-415VAC, Floating or Modulating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-2	90	800	40	0.4 / 0.4	16 / 19	1.0 / 1.1
OM-3	150	1330	40	0.4 / 0.4	26 / 31	1.0 / 1.1
OM-H	300	2655	60	0.5 / 0.6	23 / 28	1.2 / 1.2
OM-4	400	3540	80	0.6 / 0.7	21 / 24	1.7 / 1.9
OM-5	500	4430	80	0.6 / 0.7	27 / 31	1.7 / 1.9
OM-6	650	5755	80	0.5 / 0.7	34 / 40	1.7 / 1.9
OM-7	1000	8855	120	0.6 / 0.8	52 / 61	2.8 / 2.9
OM-8	1500	13280	120	0.7 / 0.8	54 / 63	2.8 / 2.9
OM-9	2000	17710	180	0.7 / 0.9	64 / 75	3.9 / 4.2
OM-10	2500	22140	180	0.8 / 0.9	64 / 75	3.9 / 4.2
OM-11	3000	26565	180	0.8 / 0.9	64 / 75	3.9 / 4.2
OM-12	3500	31000	220	0.9 / 1.0	64 / 75	3.9 / 4.2
OM-13	4500	40000	220	0.8 / 0.9	89 / 103	3.7 / 4.0

- The running current is measured at max torque.

Quarter-turn Electric Valve Actuators Electrical Data

4.3 440-480VAC, Floating or Modulating Control, 30% duty cycle

Model	Torque		Motor Power	Running Current	Running Time	Start Current
	Nm	in-lb		60 / 50 Hz Amp	60 / 50 Hz Sec / 90°	60 / 50 Hz Amp
OM-2	90	800	40	0.3 / 0.3	16 / 19	0.8 / 0.8
OM-3	150	1330	40	0.3 / 0.3	26 / 31	0.8 / 0.8
OM-H	300	2655	60	0.4 / 0.5	23 / 28	1.0 / 1.1
OM-4	400	3540	80	0.6 / 0.7	21 / 24	1.9 / 2.0
OM-5	500	4430	80	0.6 / 0.7	27 / 31	1.9 / 2.0
OM-6	650	5755	80	0.6 / 0.7	34 / 40	1.9 / 2.0
OM-7	1000	8855	120	0.5 / 0.5	52 / 61	1.9 / 2.0
OM-8	1500	13280	120	0.5 / 0.6	54 / 63	1.9 / 2.0
OM-9	2000	17710	180	0.7 / 0.8	64 / 75	3.8 / 4.0
OM-10	2500	22140	180	0.7 / 0.9	64 / 75	3.8 / 4.0
OM-11	3000	26565	180	0.7 / 0.9	64 / 75	3.8 / 4.0
OM-12	3500	31000	220	0.8 / 0.9	64 / 75	3.8 / 4.0
OM-13	4500	40000	220	0.8 / 0.9	89 / 103	3.4 / 3.6

- The running current is measured at max torque.



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