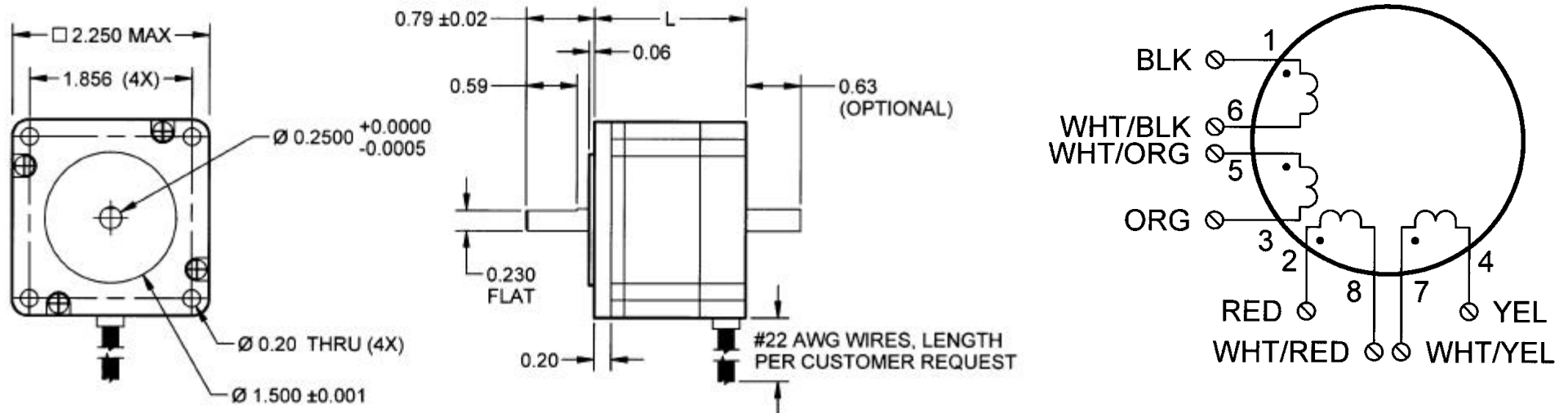


NEMA 23 L SERIES HIGH TORQUE MOTOR



MOTOR STACK LENGTH	" L " inches, (mm)
1/2	1.7 (43,4)
1	2.15 (54,61)
2	3.10 (78,8)
3	4.0 (101,6)

ANAHEIM AUTOMATION MOTOR CABLE	MOTOR PHASE
RED	PHASE 1
RED/ WHT	PHASE 3
GRN	PHASE 2
GRN/ WHT	PHASE 4
WHT	COM 2 & 4
BLK	COM 1 & 3

CONNECTION FOR 8 LEAD MOTOR	LEAD COLOR	MOTOR PHASE
4 – LEAD	BLK	PHASE 1
BIPOLEAR SERIES	ORG	PHASE 3
	RED	PHASE 2
	YEL	PHASE 4
	WHT/ BLK & WHT/ ORG	COMMON
	WHT/ RED & WHT/ YEL	COMMON
4- LEAD	BLK & WHT/ORG	PHASE 1
BIPOLEAR PARALLEL	ORG & WHT/BLK	PHASE 3
	RED & WHT/YEL	PHASE 2
	YEL & WHT/RED	PHASE 4
6 – LEAD	BLK	PHASE 1
UNIPOLAR	ORG	PHASE 3
	RED	PHASE 2
	YEL	PHASE 4
	WHT/ BLK & WHT/ ORG	COM PHASE 1&3
	WHT/ RED & WHT/ YEL	COM PHASE 2&4

Anaheim Automation – High Torque 23 Frame Step Motors

Anaheim Automation Part #	Description	Frame Size	Unipolar Torque (oz-in)	Unipolar Current (A)	Unipolar Voltage (V)	Unipolar Resistance (ohm)	Unipolar Inductance (mH)	Inertia (oz-in-in)	Weight (lbs)	Degree / Full Step	Max Motor Length	Shaft Type	Shaft Diameter	# of leads
23L002S-LW8	High Torque	23	55	1.0A	5.0	5.0	7.0	0.7	1.05	1.8	1.7"	Single	.250"	8
23L002D-LW8	High Torque Dual Shaft	23	55	1.0A	5.0	5.0	7.0	0.7	1.05	1.8	1.7"	Double	.250"	8
23L102S-LW8	High Torque	23	126	1.0A	7.0	7.0	10.0	1.5	1.5	1.8	2.15"	Single	.250"	8
23L102D-LW8	High Torque Dual Shaft	23	126	1.0A	7.0	7.0	10.0	1.5	1.5	1.8	2.15"	Double	.250"	8
23L104S-LW8	High Torque	23	126	2.0A	3.6	1.8	2.5	1.5	1.5	1.8	2.15"	Single	.250"	8
23L104D-LW8	High Torque Dual Shaft	23	126	2.0A	3.6	1.8	2.5	1.5	1.5	1.8	2.15"	Double	.250"	8
23L106S-LW8	High Torque	23	126	3.0A	2.3	.75	1.1	1.5	1.5	1.8	2.15"	Single	.250"	8
23L106D-LW8	High Torque Dual Shaft	23	126	3.0A	2.3	.75	1.1	1.5	1.5	1.8	2.15"	Double	.250"	8
23L108S-LW8	High Torque	23	126	4.0A	1.4	.35	0.5	1.5	1.5	1.8	2.15"	Single	.250"	8
23L108D-LW8	High Torque Dual Shaft	23	126	4.0A	1.4	.35	0.5	1.5	1.5	1.8	2.15"	Double	.250"	8
23L204S-LW8	High Torque	23	188	2.0A	4.5	2.25	3.6	2.6	2.2	1.8	3.10"	Single	.250"	8
23L204D-LW8	High Torque Dual Shaft	23	188	2.0A	4.5	2.25	3.6	2.6	2.2	1.8	3.10"	Double	.250"	8
23L206S-LW8	High Torque	23	188	3.0A	3.0	1.0	1.6	2.6	2.2	1.8	3.10"	Single	.250"	8
23L206D-LW8	High Torque Dual Shaft	23	188	3.0A	3.0	1.0	1.6	2.6	2.2	1.8	3.10"	Double	.250"	8
23L210S-LW8	High Torque	23	188	5.0A	1.65	.33	.4	2.6	2.2	1.8	3.10"	Single	.250"	8
23L210D-LW8	High Torque Dual Shaft	23	188	5.0A	1.65	.33	.4	2.6	2.2	1.8	3.10"	Double	.250"	8
23L303S-LW8	High Torque	23	320	1.5A	6.7	4.8	5.1	3.2	3.2	1.8	4.05"	Single	.250"	8
23L306S-LW8	High Torque	23	320	3.0A	3.6	1.2	3.2	3.2	3.2	1.8	4.05"	Single	.250"	8
23L310S-LW8	High Torque	23	320	5.0A	2.2	.44	0.27	3.2	3.2	1.8	4.05"	Single	.250"	8
23L9004S-LW8	High Torque, 0.9 degree	23	55	2.0A	2.8	1.4	1.2	0.7	1.05	0.9	1.7"	Single	.250"	8
23L9004D-LW8	HT, 0.9 degree, Dual Shaft	23	55	2.0A	2.8	1.4	1.2	0.7	1.05	0.9	1.7"	Double	.250"	8
23L9104S-LW8	High Torque, 0.9 degree	23	126	2.0A	3.6	1.8	2.5	1.5	1.5	0.9	2.15"	Single	.250"	8
23L9104D-LW8	HT, 0.9 degree, Dual Shaft	23	126	2.0A	3.6	1.8	2.5	1.5	1.5	0.9	2.15"	Double	.250"	8
23L9204S-LW8	High Torque, 0.9 degree	23	188	2.0A	4.5	2.25	3.6	2.6	2.2	0.9	3.10"	Single	.250"	8
23L9204D-LW8	HT, 0.9 degree, Dual Shaft	23	188	2.0A	4.5	2.25	3.6	2.6	2.2	0.9	3.10"	Double	.250"	8
23L9304S-LW8	High Torque, 0.9 degree	23	300	2.0A	5.4	2.7	6.0	3.2	3.2	0.9	4.05"	Single	.250"	8
23L4003S-LW8	High Torque, 0.45 degree	23	50	1.5A	4.5	3.0	3.0	1.0	1.05	.45	1.73"	Single	.250"	4
23L4003D-LW8	HT, 0.45 degree, Dual Shaft	23	50	1.5A	4.5	3.0	3.0	1.0	1.05	.45	1.73"	Double	.250"	4
23L4005S-LW8	High Torque, 0.45 degree	23	50	3.0A	3.0	1.2	1.2	1.0	1.05	.45	1.73"	Single	.250"	4
23L4005D-LW8	HT, 0.45 degree, Dual Shaft	23	50	3.0A	3.0	1.2	1.2	1.0	1.05	.45	1.73"	Double	.250"	4
23L4104S-LW8	High Torque, 0.45 degree	23	100	1.8A	5.4	3.0	2.5	2.1	1.5	.45	2.15"	Single	.250"	4
23L4104D-LW8	HT, 0.45 degree, Dual Shaft	23	100	1.8A	5.4	3.0	2.5	2.1	1.5	.45	2.15"	Double	.250"	4
23L4106S-LW8	High Torque, 0.45 degree	23	100	3.0A	3.0	1.0	1.1	2.1	1.5	.45	2.15"	Single	.250"	4
23L4106D-LW8	HT, 0.45 degree, Dual Shaft	23	100	3.0A	3.0	1.0	1.1	2.1	1.5	.45	2.15"	Double	.250"	4

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