

Shenzhen Hengdrive Electric Co., Ltd.

Electrical Parameters

Test Voltage: 8.0 V Circuit Resistance: _____ Ohms

Test Points: L1 = 15 g-cm (1.472 m-Nm)
L2 = 25 g-cm (2.453 m-Nm)
L3 = 35 g-cm (3.434 m-Nm)
L4 = 45 g-cm (4.415 m-Nm)

Torque Load: T/L = 25 g-cm (2.453 m-Nm)

Rotation: CCW

Remarks: _____

Project: M073

Proposal: _____

Sales SOF No.: _____

Motor Model: B2418M

Part No.: _____

Curve: _____

SOF No.: SOF-180912-001A

Wire Diameter: _____

No. of turns: _____

Lot Qty.: 5PCS

Specification (Critical Performance)

F/L Speed _____ to _____ (rpm)
F/L Current _____ to _____ (A)
KT _____ to _____ (mNm/Amp)
RD _____ to _____ (ohms)

No.	F/L Speed (rpm)	F/L Current (A)	L1 Speed (rpm)	L1 Current (A)	L2 Speed (rpm)	L2 Current (A)	L3 Speed (rpm)	L3 Current (A)	L4 Speed (rpm)	L4 Current (A)	Stall Torque* (mNm)	Stall Current* (A)	KT (mNm/Amp)	RD (ohms)	KM (mNm/sqrt(watt))
1	6537	0.063	5210	0.220	4550	0.300	3860	0.383	3416	0.460	8.9	0.87	10.98	9.16	3.63
2	6630	0.058	5193	0.230	4583	0.307	3999	0.386	3470	0.463	9.0	0.90	10.72	8.92	3.59
3	6568	0.063	5270	0.216	4596	0.299	4000	0.378	3431	0.460	9.1	0.88	11.05	9.04	3.68
4	6640	0.062	5287	0.218	4652	0.296	4030	0.382	3490	0.456	9.1	0.88	11.04	9.04	3.67
5	6595	0.058	5196	0.225	4596	0.300	4003	0.382	3481	0.455	9.1	0.89	10.92	8.98	3.64

Mear	6594	0.061	5231	0.222	4595	0.300	3978	0.382	3458	0.459	9.0	0.89	10.94	9.03	3.64
Min.	6537	0.058	5193	0.216	4550	0.296	3860	0.378	3416	0.455	8.9	0.87	10.72	8.92	3.59
Max.	6640	0.063	5287	0.230	4652	0.307	4030	0.386	3490	0.463	9.1	0.90	11.05	9.16	3.68
S.D.	43	0.003	44	0.006	37	0.004	67	0.003	32	0.003	0.084	0.009	0.137	0.088	0.036