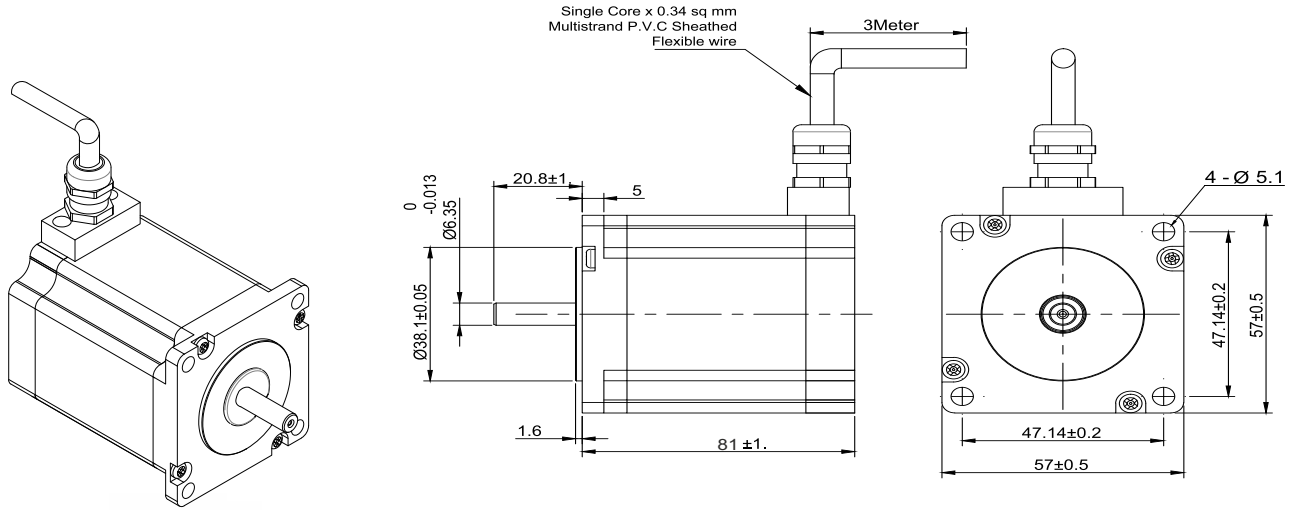


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
Bh57 SH 81 - 2804 A - HT
HIGH TORQUE HYBRID



TECHNICAL DATA

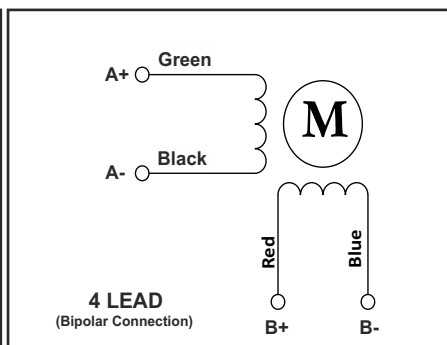
CHARACTERISTICS

Step Angle - 1.8°
Step Angle Accuracy - ± 3 Arc Minute
Insulation Class - H
Protection Class - DIN 40050 - IP 65
Ambient Temperature - 20°C + 50°C
Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
Insulation Resistance 100 M Ohms Min.500 VDC
Dielectric Strength 500 VAC For One Minute
Shaft Radial Play 0.02 Max. Play (450 G Load)
Shaft Axial Play 0.08 Max. Play (450 G Load)
Max.Radial Force 28 N (20MM From Front Flange)
Max.Axial Force 10 N

SPECIFICATION BH57SH81 - 2804 A - HT

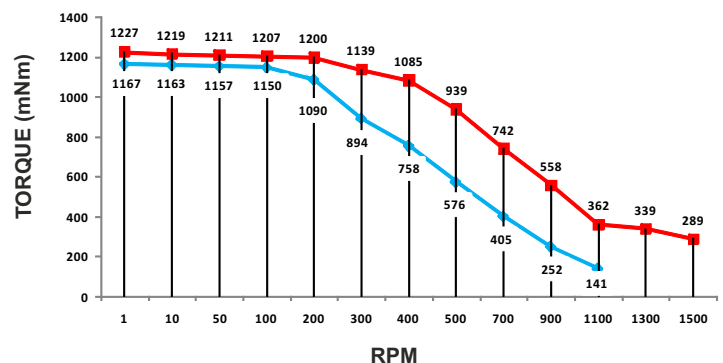
	MODEL	Bipolar	
1	Rated Voltage	V	3.65
2	Current / Phase	A	2.8
3	Resistance / Phase	± 10% Ω	1.3
4	Inductance / Phase	± 20% mH	4.9
5	Holding Torque	Nm	2.2
6	Rotor Inertia	G-CM ²	500
7	Weight	KG.	1.5
8	No of Lead	N ⁰	4
9	Operating Voltage	VDC	24 - 42

Wiring Diagram



DRIVE SET

- BH-48VDC/2.8 AMP/HALF STEP/BH MSD-4.5A
- ◆ BH-24VDC/2.8 AMP/HALF STEP/BH MSD-4.5A



MOTOR MODEL - BH57SH81-2804A - HT



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