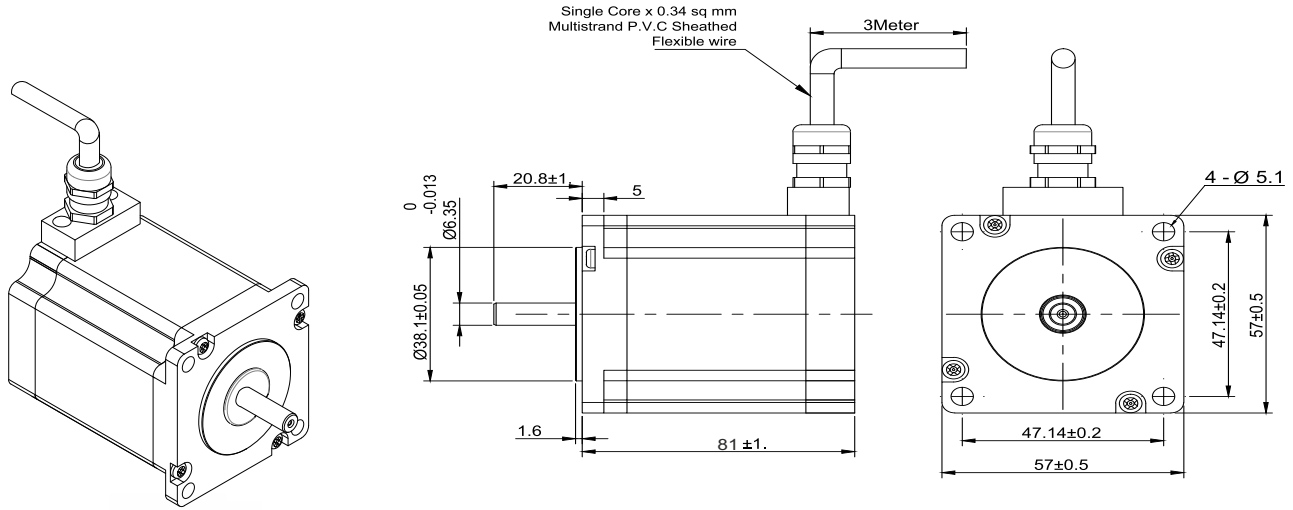


**SPECIFICATION SHEET**  
**Bholanath**

**STEPPER MOTOR**  
**Bh57 SH 81 - 2804 A - CE**  
**HIGH TORQUE HYBRID**



**TECHNICAL DATA**

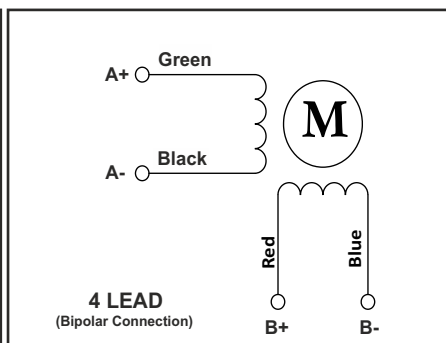
**CHARACTERISTICS**

Step Angle - 1.8 <sup>0</sup>
Step Angle Accuracy - ± 3 Arc Minute
Insulation Class - H
Protection Class - DIN 40050 - IP 65
Ambient Temperature - 20 <sup>0</sup> C + 50 <sup>0</sup> C
Temperature Rise - 80 <sup>0</sup> 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 - CE**

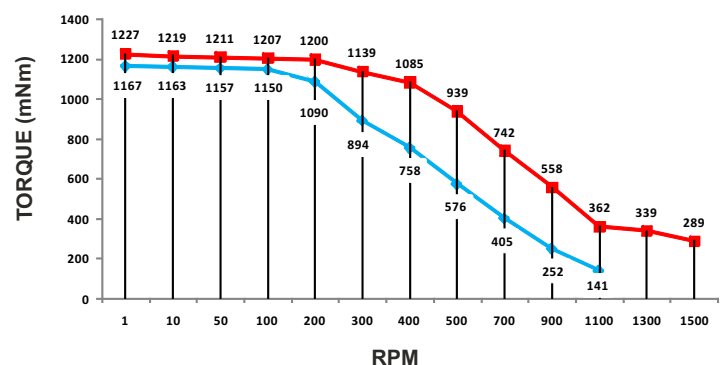
	MODEL	Bipolar	
1	Rated Voltage	V	3.65
2	Current / Phase	A	2.8
3	Resistance / Phase	± 10% Ω	1.3
4	Inductance / Phase	± 20% mH	4.9
5	Holding Torque	Nm	2.2
6	Rotor Inertia	G-CM <sup>2</sup>	500
7	Weight	KG.	1.5
8	No of Lead	N <sup>0</sup>	4
9	Operating Voltage	VDC	24 - 42

**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 - CE**



**Bholanath Precision Engineering Pvt.Ltd.**

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