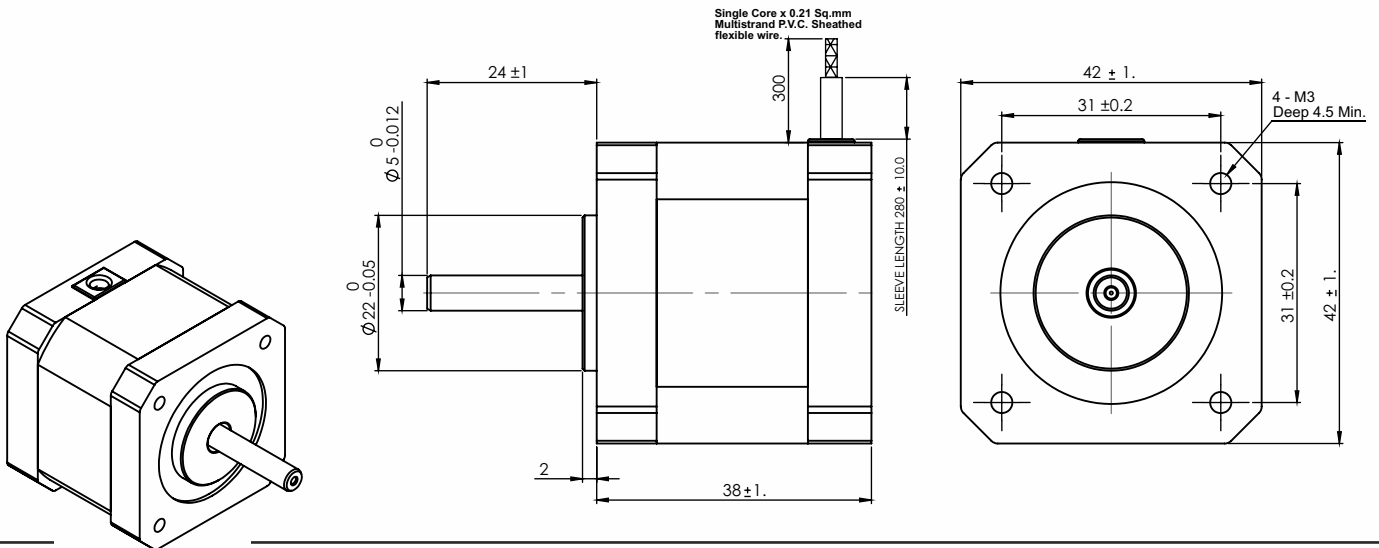


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 42 SH 38-1684 A
HIGH TORQUE HYBRID



TECHNICAL DATA

CHARACTERISTICS

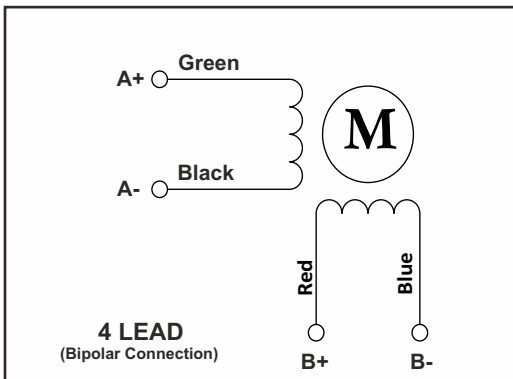
Step Angle - 1.8°
Step Angle Accuracy - ± 3 Arc Minute
Insulation Class - H
Ambient Temperature - - 20°C + 50°C
Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
Insulation Resistance 100 M Ohms Min.500 VDC
Dielectric Strength 500 VAC For One Minute
Shaft Radial Play 0.02 Max. Play (450 G Load)
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

BH42SH38 -1684A

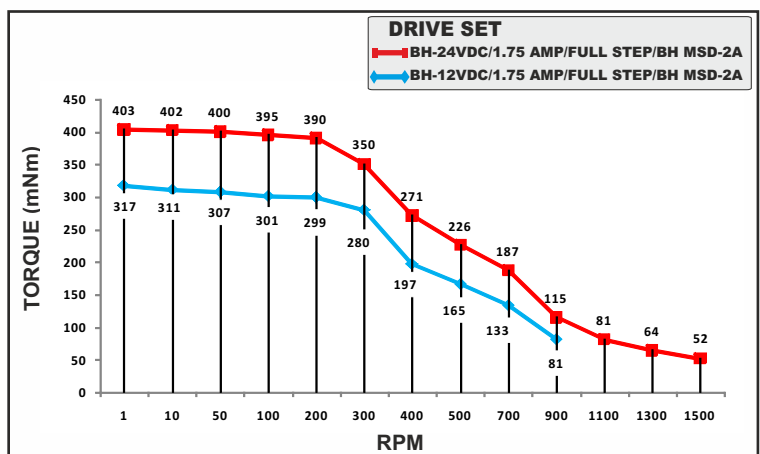
	MODEL	Bipolar	
1	Rated Voltage	V	3.44
2	Current / Phase	A	1.68
3	Resistance / Phase	± 10% Ω	2.05
4	Inductance / Phase	± 20% mH	3.28
5	Holding Torque	Nm	0.36
6	Rotor Inertia	G-CM ²	54
7	Weight	KG.	0.27
8	No of Lead	N ⁰	4
9	Operating Voltage	VDC	12 - 24

Wiring Diagram



DRIVE SET

- BH-24VDC/1.75 AMP/FULL STEP/BH MSD-2A
- BH-12VDC/1.75 AMP/FULL STEP/BH MSD-2A



MOTOR MODEL - BH42SH38-1684A



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