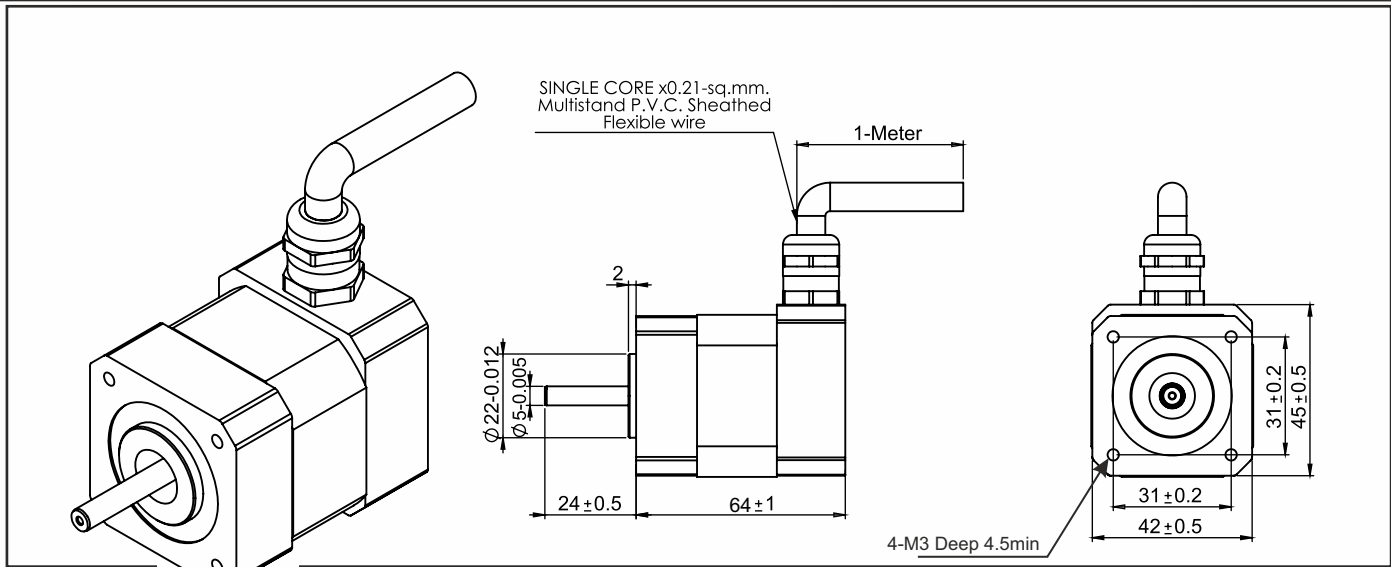


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 42 SH 64-1504 A - SZ
HIGH TORQUE HYBRID



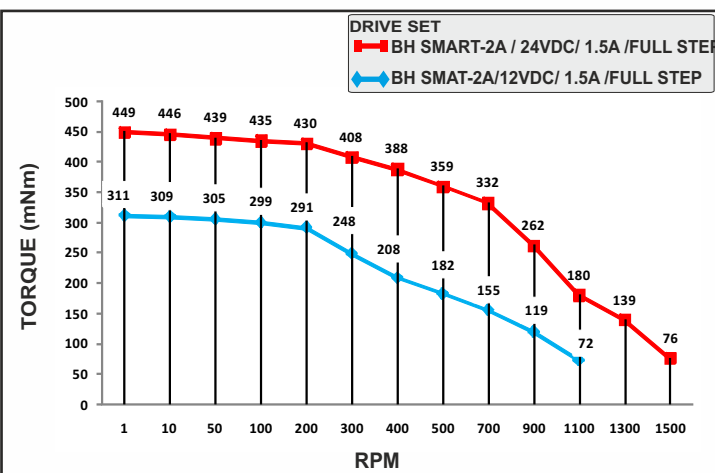
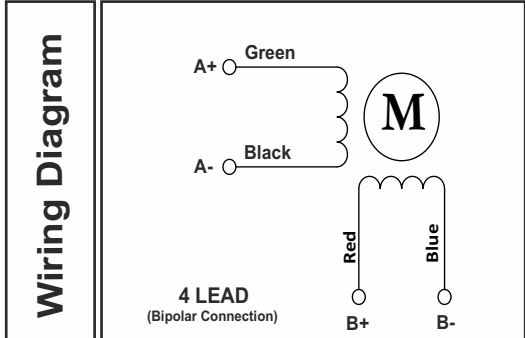
TECHNICAL DATA

CHARACTERISTICS

Step Angle - 1.8°
Step Angle Accuracy - ± 3 Arc Minute
Insulation Class - H
Protection Class - DIN 40050 - IP 65
Ambient Temperature - $-40^{\circ}\text{C} + 50^{\circ}\text{C}$
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 BH42SH64 - 1504 A- SZ

	MODEL		Bipolar
1	Rated Voltage	V	4.2
2	Current / Phase	A	1.5
3	Resistance / Phase	$\pm 10\% \Omega$	2.8
4	Inductance / Phase	$\pm 20\% \text{mH}$	5.7
5	Holding Torque	Nm	0.55
6	Rotor Inertia	G-CM ²	68
7	Weight	KG.	0.383
8	No of Lead	N ⁰	4
9	Operating Voltage	VDC	12 - 24



MOTOR MODEL - Bh42 SH64-1504A - SZ

Bholanath Precision Engineering Pvt.Ltd.

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