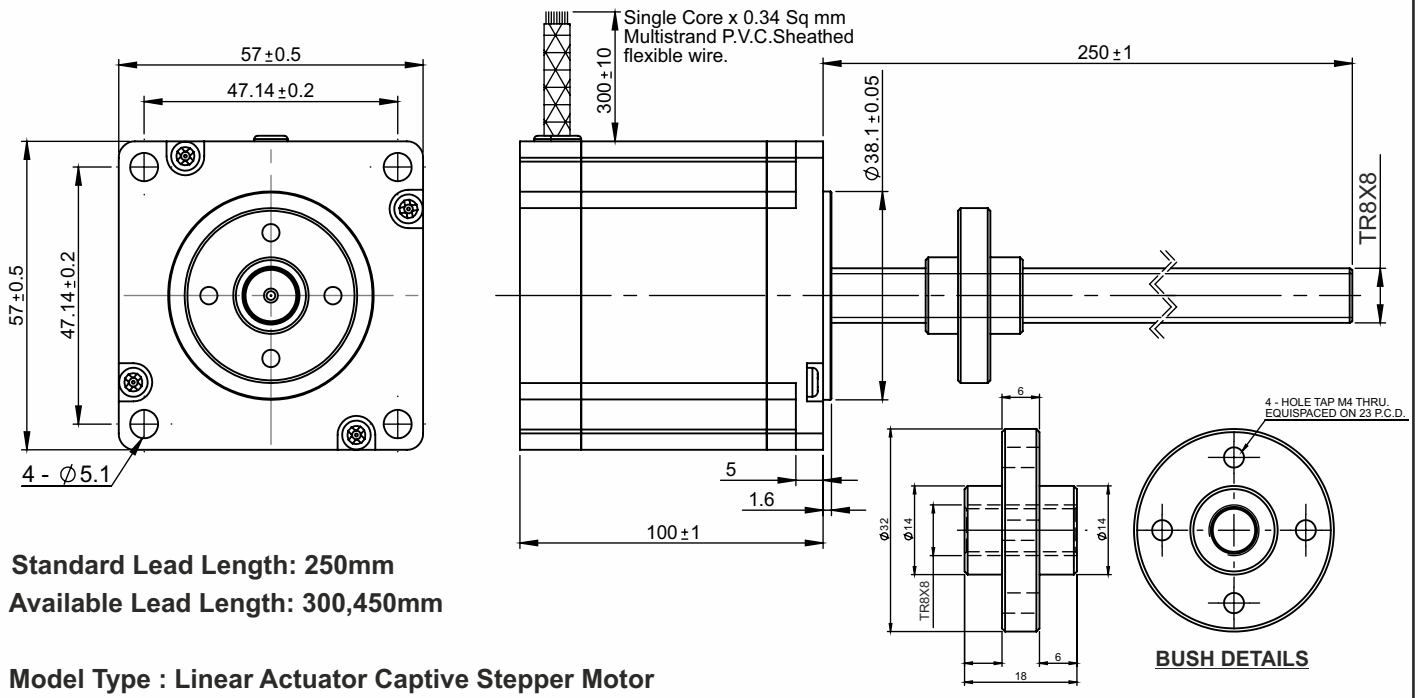


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 57 SH 100 - 3004 LA(250/300/450)
(TR8 X 8)
HIGH TORQUE HYBRID



TECHNICAL DATA

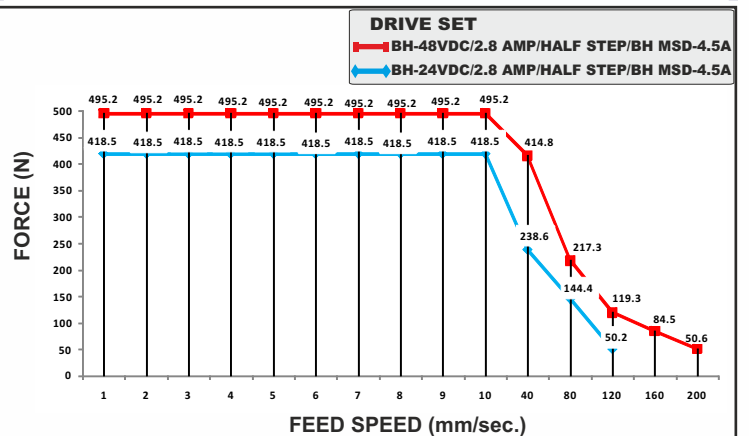
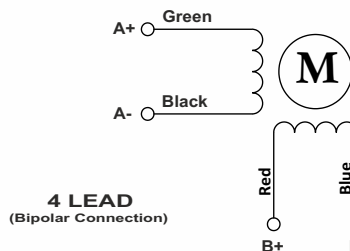
CHARACTERISTICS

- Step Angle - 1.8°
- Step Angle Accuracy - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 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 75 N (20MM From Front Flange)

SPECIFICATION BH 57 SH 100- 3004 LA (250/300/450) (TR8X8)

MODEL		Bipolar
1	Rated Voltage	V 4.65
2	Current / Phase	A 3
3	Resistance / Phase	± 10% Ω 1.55
4	Inductance / Phase	± 20% mH 6.75
5	Holding Torque	Nm 2.5
6	Rotor Inertia	G-CM ² 705.9
7	Weight	KG. 1.7
8	No of Lead	N ⁰ 4
9	Operating Voltage	VDC 24 - 48
10	Linear Step size - 40 micron per full step	

Wiring Diagram



Bholanath Precision Engineering Pvt.Ltd.

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