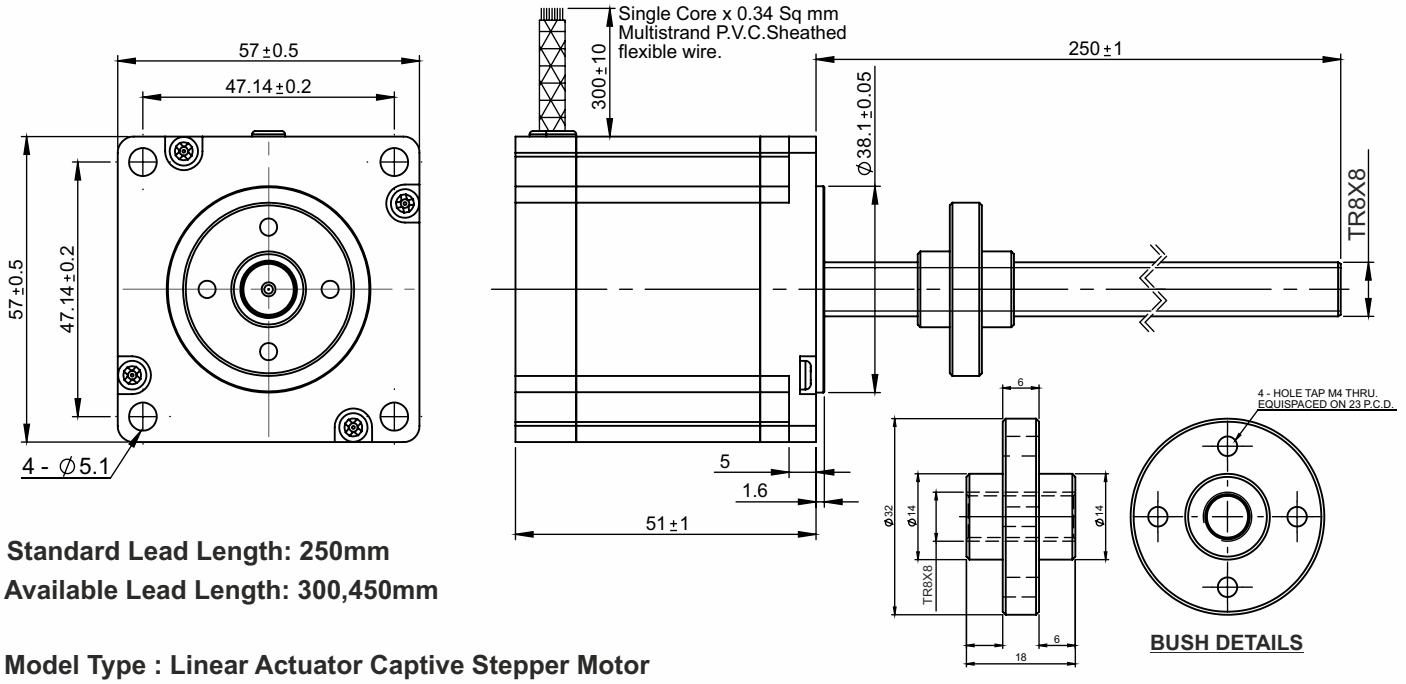


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 57 SH 51 - 2804 LA(250/300/450)
(TR8 X 8)
HIGH TORQUE HYBRID



TECHNICAL DATA

CHARACTERISTICS

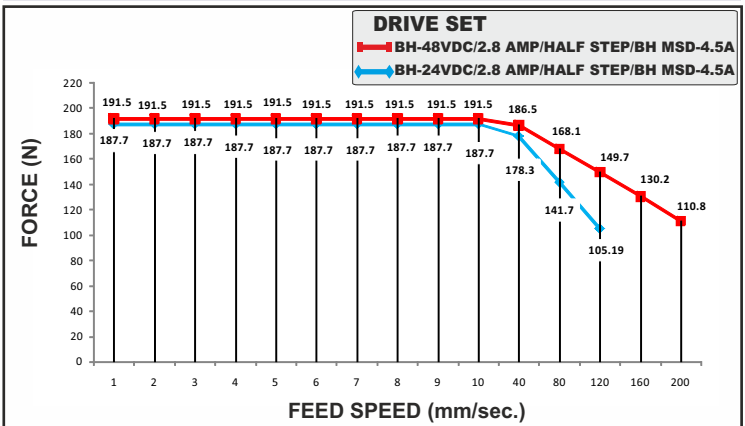
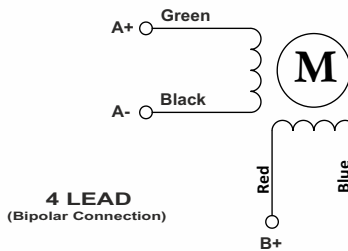
- Step Angle - 1.8°
- Step Angle Accuracy - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance 100 M Ohms Min.500 VDC
- Dielectric Strength 500 VAC For One Minute
- Shaft Radial Play 0.02 Max. 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 51- 2804 LA(250/300/450) (TR8X8)

	MODEL		Bipolar
1	Rated Voltage	V	2.46
2	Current / Phase	A	2.8
3	Resistance / Phase	± 10% Ω	0.88
4	Inductance / Phase	± 20% mH	2.2
5	Holding Torque	Nm	1.01
6	Rotor Inertia	G-CM ²	251.62
7	Weight	KG.	0.850
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.

11,Kembros Ind.Estate , Sonapur Lane , Bhandup (W),Mumbai - 400078.
Telefax/Phone : 25662856/25664338/67993260 Email : support@bholanath.in
Mobile No : 9920903825/9821671733/9930514603/9819515543/9323166582.