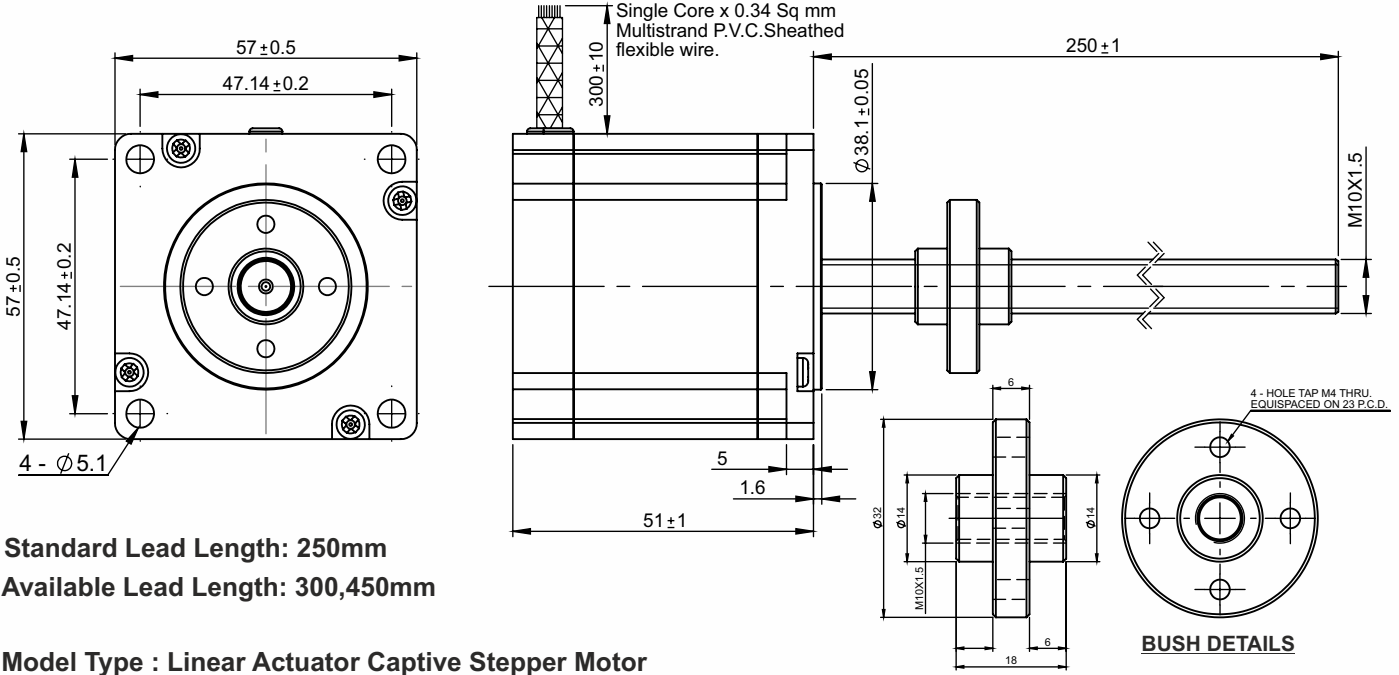


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 57 SH 51 - 2804 LA(250/300/450)
(M10x1.5)
HIGH TORQUE HYBRID



TECHNICAL DATA

CHARACTERISTICS

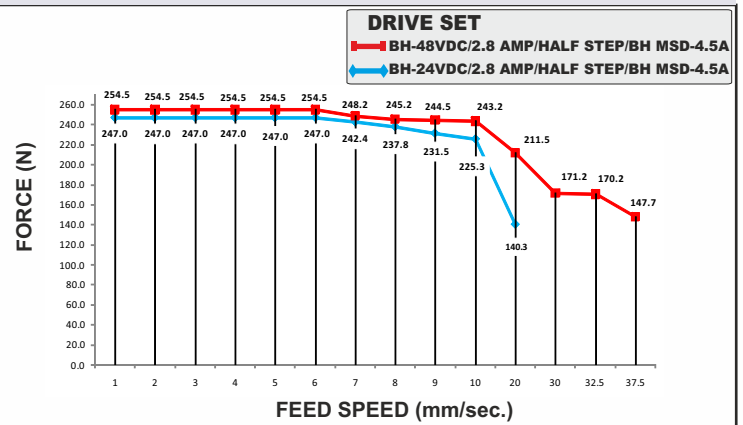
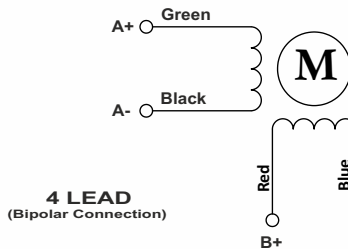
- Step Angle - 1.8°
- Step Angle Accuracy - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance 100 M Ohms Min.500 VDC
- Dielectric Strength 500 VAC For One Minute
- Shaft Radial Play 0.02 Max. 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) (M10X1.5)

	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 - 7.5 micron per full step		

Wiring Diagram



COMMITTED TO PRECISION

BHOLANATH COOL STEPPERS™

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