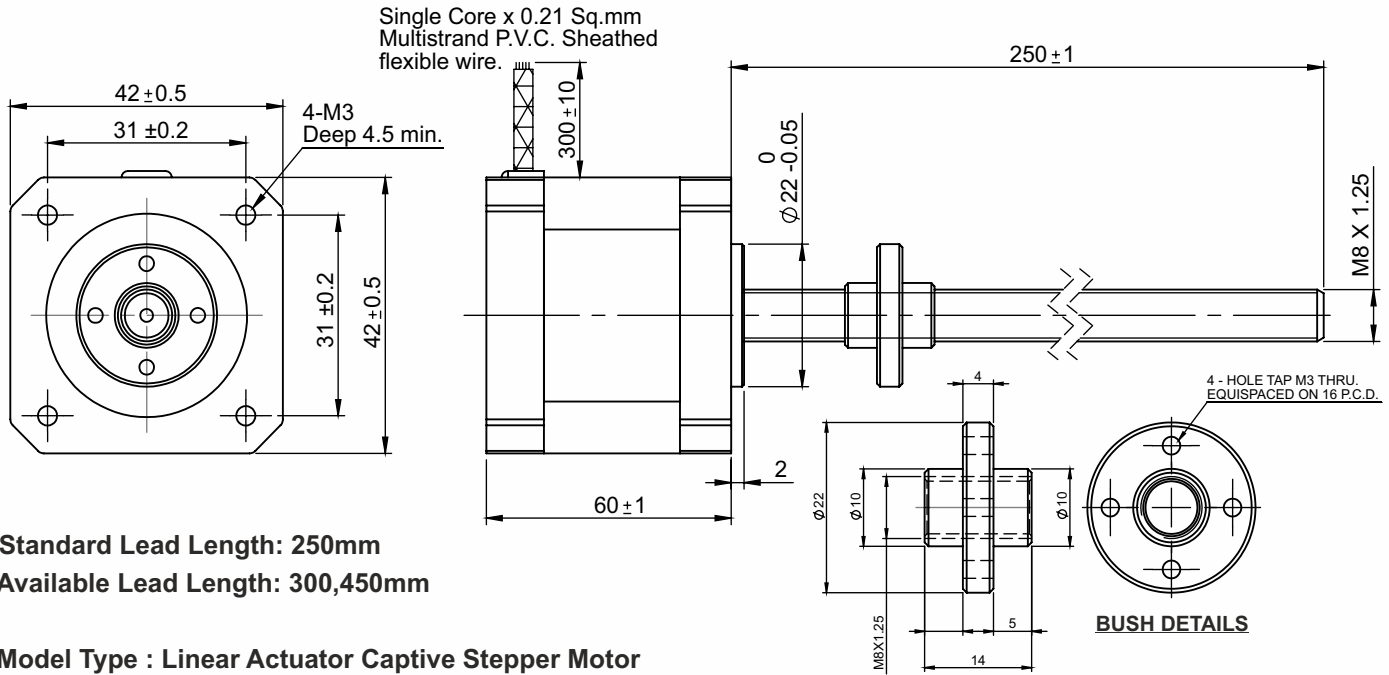


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 42 SH 60 - 0854 LA(250/300/450)
(M8X1.25)
HIGH TORQUE HYBRID



TECHNICAL DATA

CHARACTERISTICS

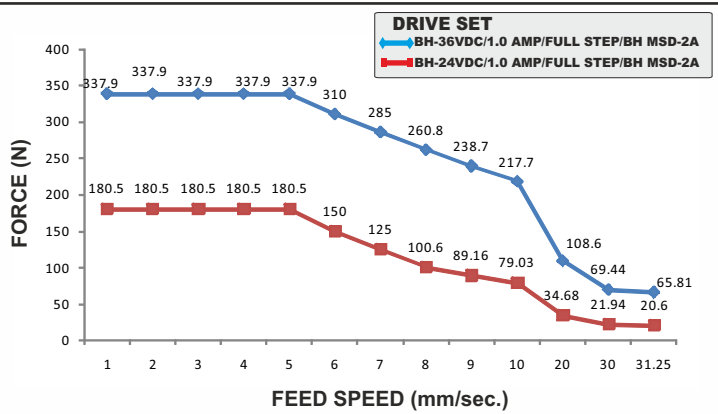
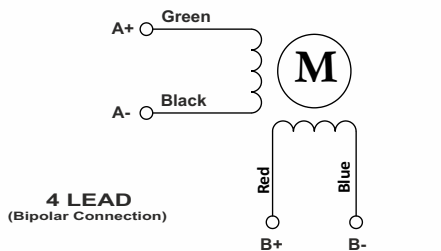
- Step Angle - 1.8°
- Step Angle Accuracy - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 50°C)
- Temperature Rise - 80°C Max.
(Rated Current Phase 2 ON)
- Insulation Resistance
100 M Ohms Min.500 VDC
- Dielectric Strength
500 VAC For One Minute
- Shaft Radial Play
0.02 Max.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

SPECIFICATION

BH 42 SH 60 - 0854 LA(250/300/450)
(M8X1.25)

	MODEL		Bipolar
1	Rated Voltage	V	10.2
2	Current / Phase	A	0.85
3	Resistance / Phase	± 10% Ω	12
4	Inductance / Phase	± 20% mH	18
5	Holding Torque	Nm	0.9
6	Rotor Inertia	G-CM ²	126.75
7	Weight	KG.	0.590
8	No of Lead	N ^o	4
9	Operating Voltage	VDC	24 - 50
10	Linear Step size - 6.25 micron per full step		

Wiring Diagram



Bholanath Precision Engineering Pvt.Ltd.

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