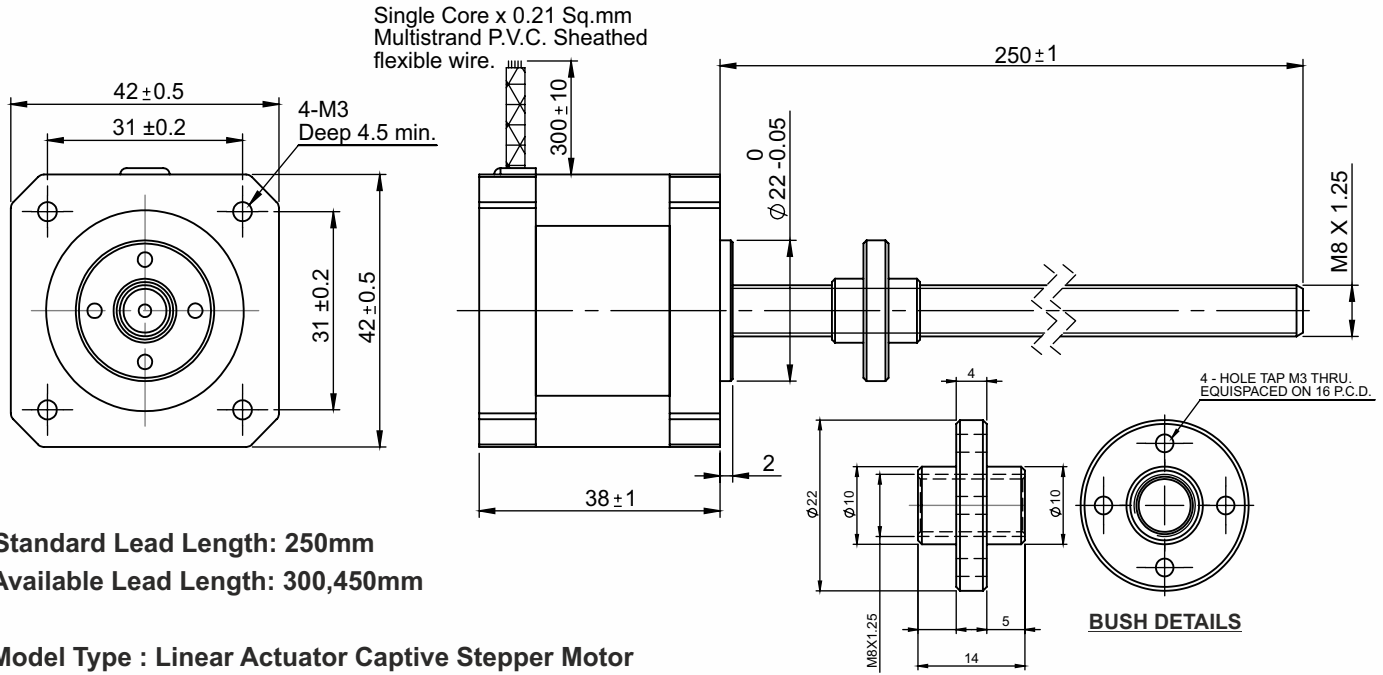


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 42 SH 38 - 1684 LA(250/300/450)
(M8X1.25)
HIGH TORQUE HYBRID



TECHNICAL DATA

CHARACTERISTICS

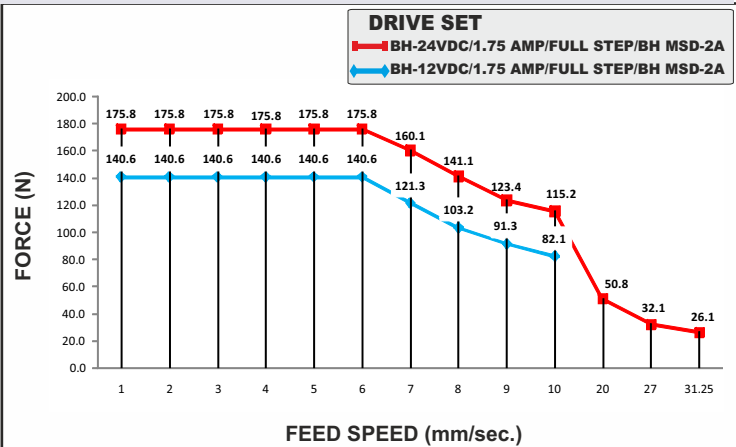
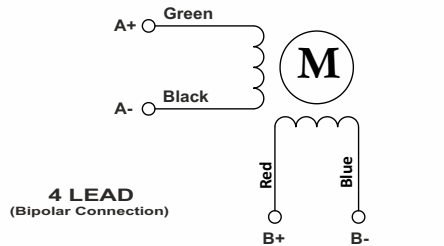
- Step Angle - 1.8°
- Step Angle Accuracy - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - (-20°C to +50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance 100 M Ohms Min.500 VDC
- Dielectric Strength 500 VAC For One Minute
- Shaft Radial Play 0.02 Max. 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 38 - 1684 LA(250/300/400) (M8X1.25)

	MODEL		Bipolar
1	Rated Voltage	V	3.53
2	Current / Phase	A	1.68
3	Resistance / Phase	± 10% Ω	2.1
4	Inductance / Phase	± 20% mH	1.80
5	Holding Torque	Nm	0.36
6	Rotor Inertia	G-CM ²	66.6
7	Weight	KG.	0.38
8	No of Lead	N ⁰	4
9	Operating Voltage	VDC	12 - 24
10	Linear Step size - 6.25 micron per full step		

Wiring Diagram



Bholanath Precision Engineering Pvt.Ltd.

COMMITTED TO PRECISION

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BHOLANATH COOL STEPPERS

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