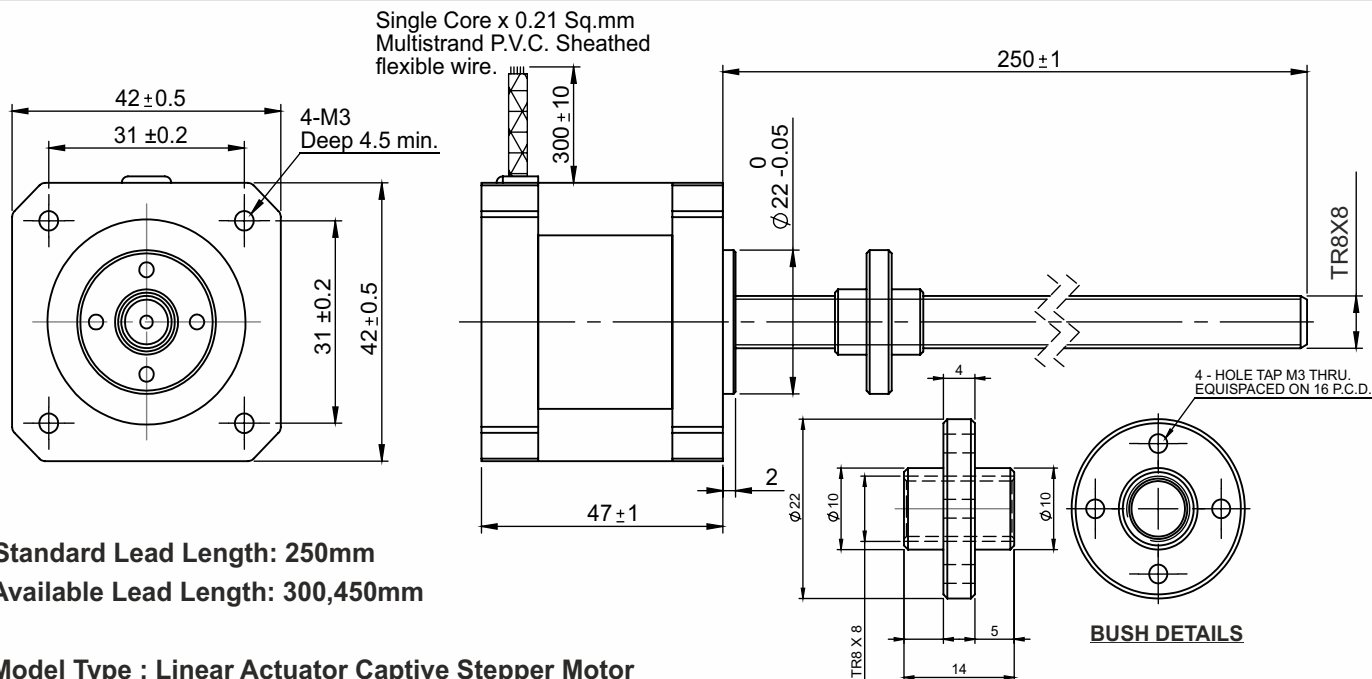


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 42 SH 47-1504 LA(250/300/450)
(TR8 X 8)
HIGH TORQUE HYBRID



TECHNICAL DATA

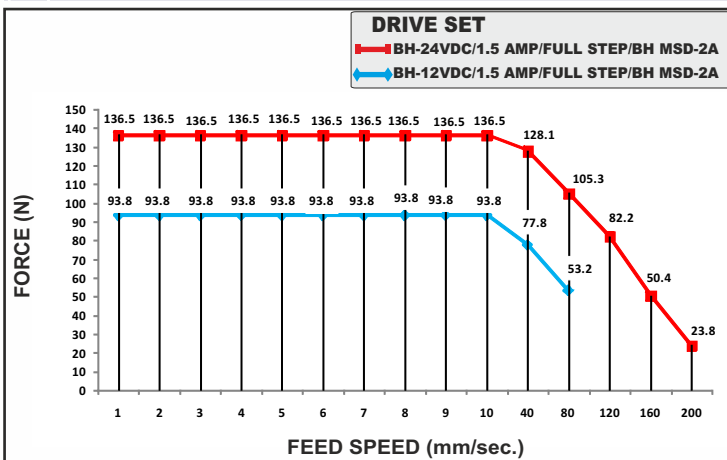
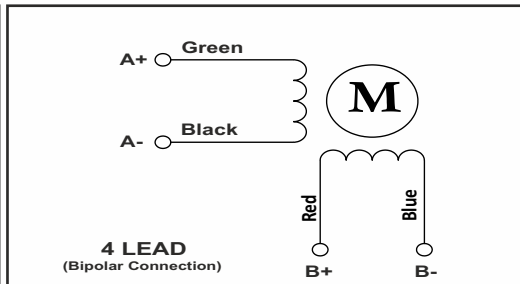
CHARACTERISTICS

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 28 N (20MM From Front Flange)

SPECIFICATION BH 42 SH 47- 1504 LA (250/300/450) (TR8X8)

MODEL		Bipolar
1	Rated Voltage	V 4.2
2	Current / Phase	A 1.5
3	Resistance / Phase	± 10% Ω 2.8
4	Inductance / Phase	± 20% mH 5.7
5	Holding Torque	Nm 0.55
6	Rotor Inertia	G-CM ² 91.03
7	Weight	KG. 0.475
8	No of Lead	N° 4
9	Operating Voltage	VDC 12 - 24
10	Linear Step size - 40 micron per full step	

Wiring Diagram



Bholanath Precision Engineering Pvt.Ltd.

COMMITTED TO PRECISION

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