

SPECIFICATION SHEET

Bholanath

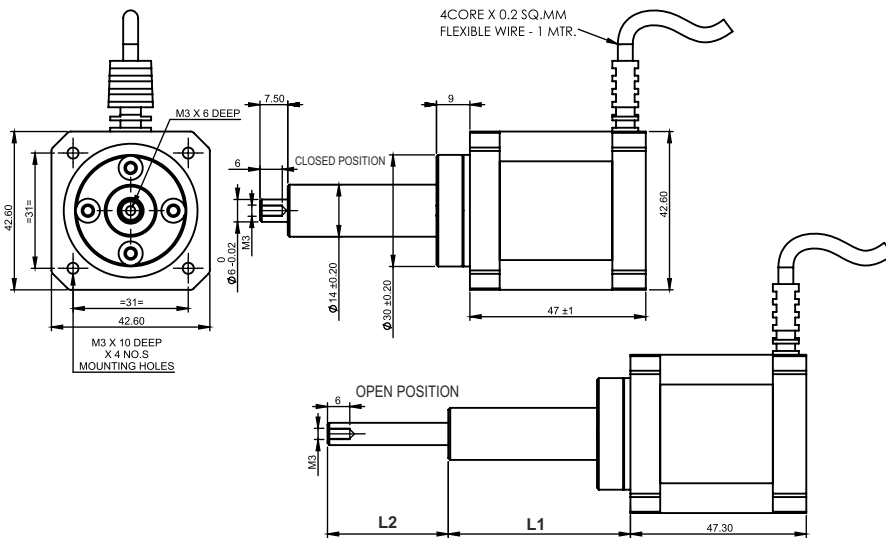
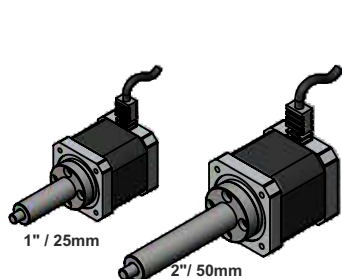
Integrated Captive Linear Actuator stepper motor

**BH 42 SH 47 - 1504 ICLA (25/50)
(M6 X 1)**



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HIGH TORQUE HYBRID



Travel Length (Inch/mm)	L1 (mm)	L2 (mm)
1" / 25mm	49	32.50
2" / 50mm	74	60

TECHNICAL DATA

CHARACTERISTICS

- Step Angle - 1.8⁰
- 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

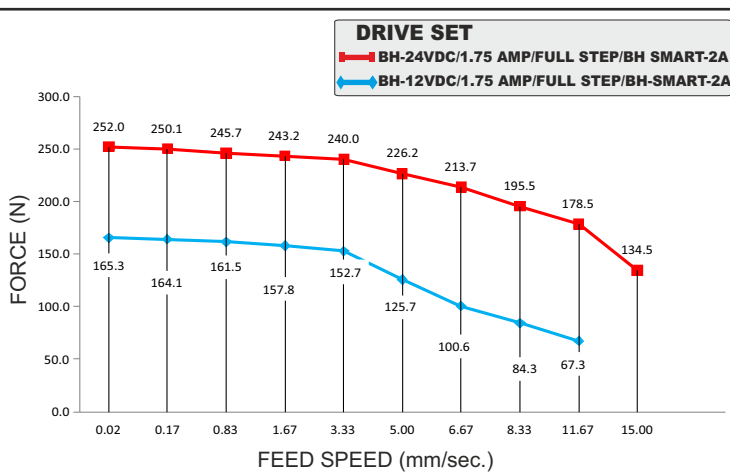
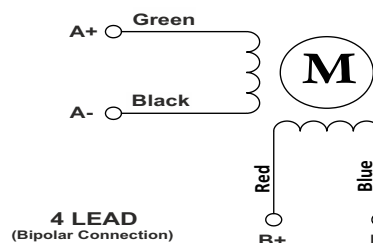
SPECIFICATION

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(M6 X 1)**

MODEL	Bipolar	
1 Current / phase	A	1.5
2 Max Horizontal Load Carrying Capacity (Kg)	25	
3 Permissible Feed Speed (mm/sec)	15	
4 Position Accuracy (mm)	0.05	
5 Degree of protection (IP rating)	30	
6 Linear Step Size at full step (Micron)	5	
7 Operating voltage (VDC)	12 to 24	
8 Max Axial play (mm)	± 0.05	
9 Total Weight of ICLA (Gm)	500	

Note:- The Load Calculation is Based On Horizontal Movement. For Vertical Movement Kindly Consider Safety Factor Of 0.6 And Motor With Brake.

Wiring Diagram



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