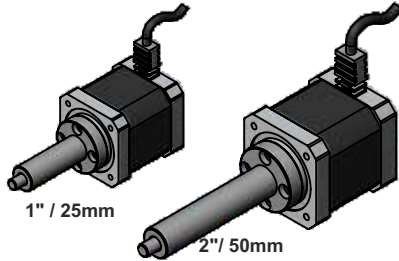


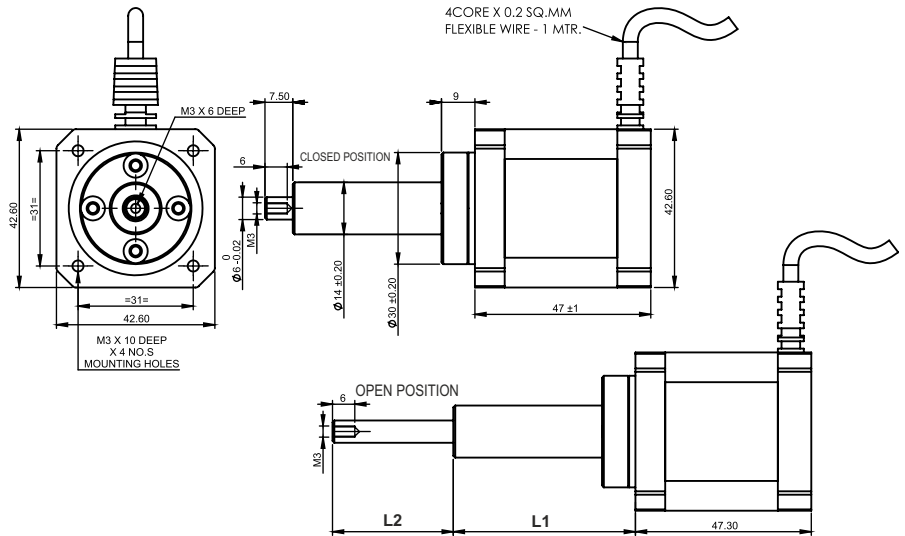
SPECIFICATION SHEET **Bholanath**

Integrated Captive Linear Actuator stepper motor BH 42 SH 47 - 1704 ICLA (25/50) (T6 X 2) HIGH TORQUE HYBRID

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Travel Length (Inch/mm)	L1 (mm)	L2 (mm)
1" / 25mm	49	32.50
2" / 50mm	74	57.5



TECHNICAL DATA

CHARACTERISTICS

Step Angle - 1.8°
Step Angle Accuracy - $\pm 5\%$
Insulation Class - H
Ambient Temperature - $(-20^{\circ}\text{C to } +50^{\circ}\text{C})$
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

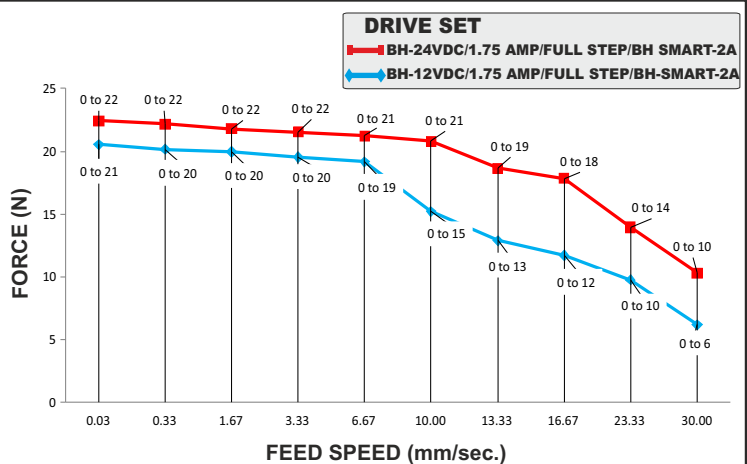
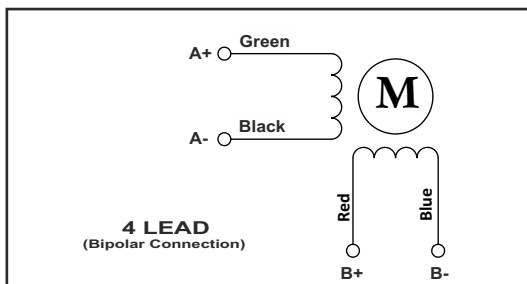
SPECIFICATION

BH 42 SH 47 - 1704 ICLA (25/50)
(T6 X 2)

	MODEL	Bipolar
1	Current / phase	A
2	Max Horizontal Load Carrying Capacity (Kg)	2.2
3	Permissible Feed Speed (mm/sec)	30
4	Position Accuracy (mm)	0.05
5	Degree of protection (IP rating)	30
6	Linear Step Size at full step (Micron)	10
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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