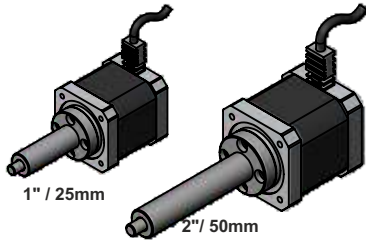


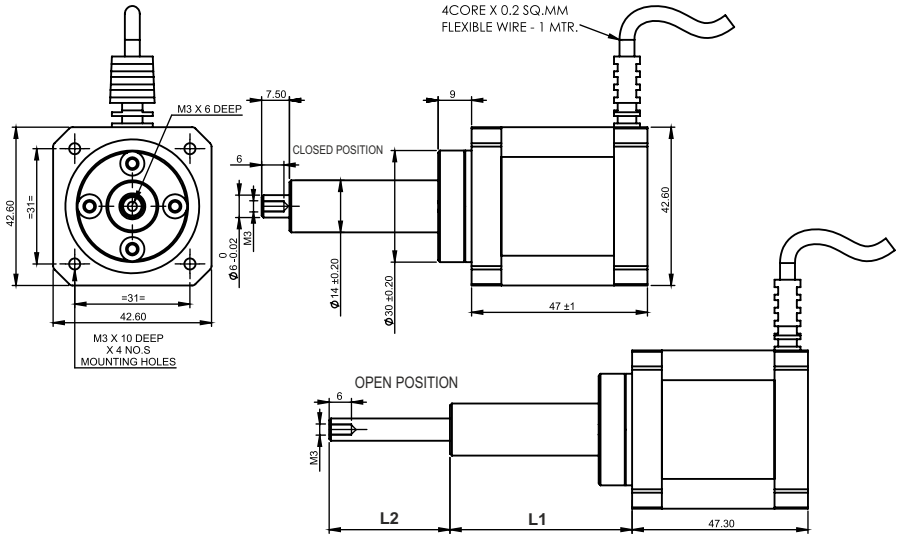
SPECIFICATION SHEET

Bholanath

**Integrated Captive Linear Actuator
stepper motor**
BH 42 SH 47 - 1704 ICLA (25/50)
(M6 X 1)
HIGH TORQUE HYBRID



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



TECHNICAL DATA

CHARACTERISTICS

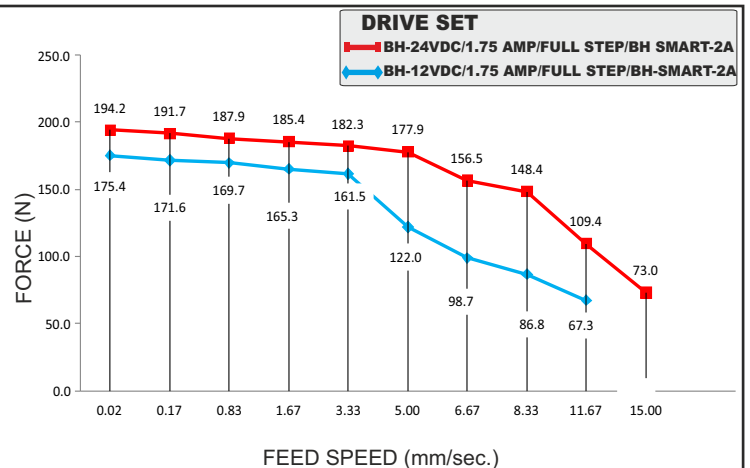
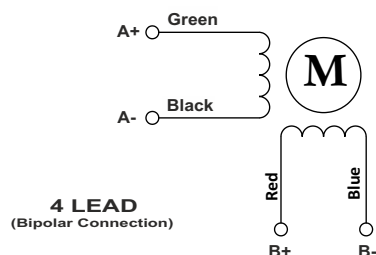
- Step Angle - 1.8°
- Step Angle Accuracy - $\pm 5\%$
- Insulation Class - H
- Ambient Temperature - (-20°C to +50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance 100 M Ohms Min. 500 VDC
- Dielectric Strength 500 VAC For One Minute

SPECIFICATION BH 42 SH 47 - 1704 ICLA(25/50) (M6X1)

	MODEL	Bipolar
1	Current / phase	A
2	Max Horizontal Load Carrying Capacity (Kg)	19
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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