

SPECIFICATION SHEET
Bholanath

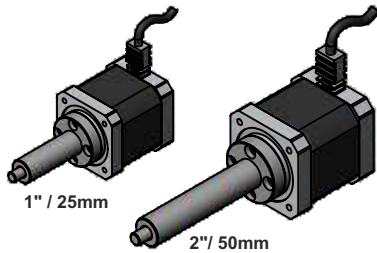
Integrated Captive Linear Actuator stepper motor

**BH 42 SH 60 - 0854 ICLA (25/50)
(M6 X 1)**

HIGH TORQUE HYBRID

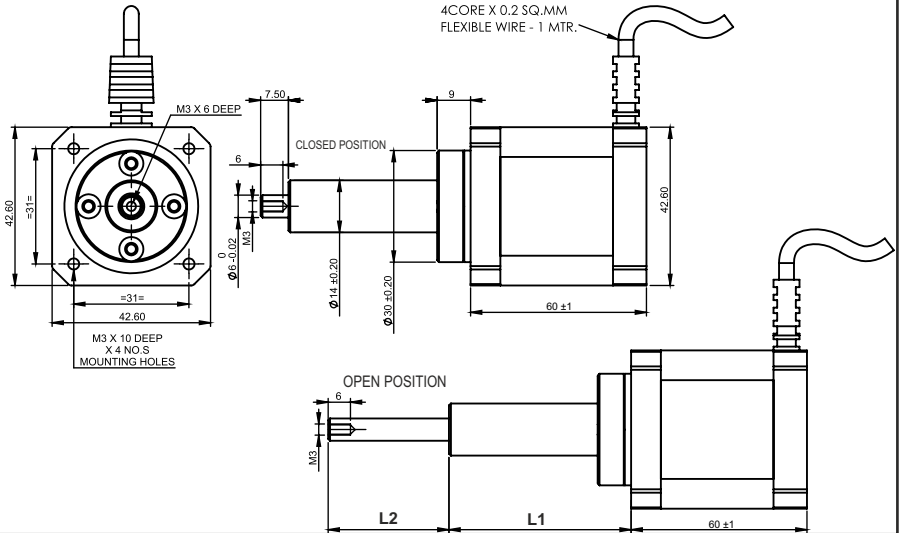


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1" / 25mm

2" / 50mm



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 - ± 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

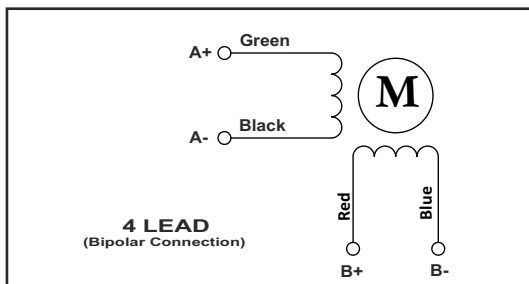
SPECIFICATION

**BH 42 SH 60 - 0854 ICLA (25/50)
(M6 X 1)**

	MODEL	Bipolar
1	Current / phase	A
2	Max Horizontal Load Carrying Capacity (Kg)	8.0
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)	24 to 36
8	Max Axial play (mm)	± 0.05
9	Total Weight of ICLA (Gm)	600

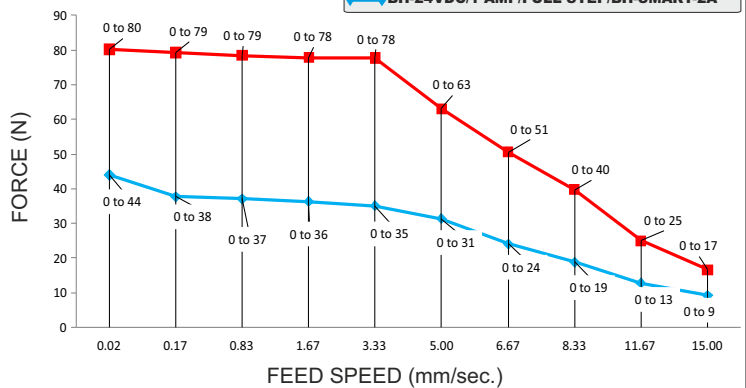
Note:- The Load Calculation is Based On Horizontal Movement. For Vertical Movement Kindly Consider Safety Factor Of 0.6 And Motor With Brake.

Wiring Diagram



DRIVE SET

- BH-36VDC/1 AMP/FULL STEP/BH SMART-2A
- BH-24VDC/1 AMP/FULL STEP/BH-SMART-2A



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