

SPECIFICATION SHEET

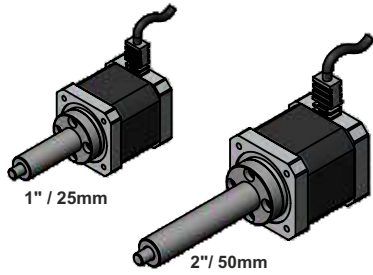
Bholanath

Integrated Captive Linear Actuator stepper motor

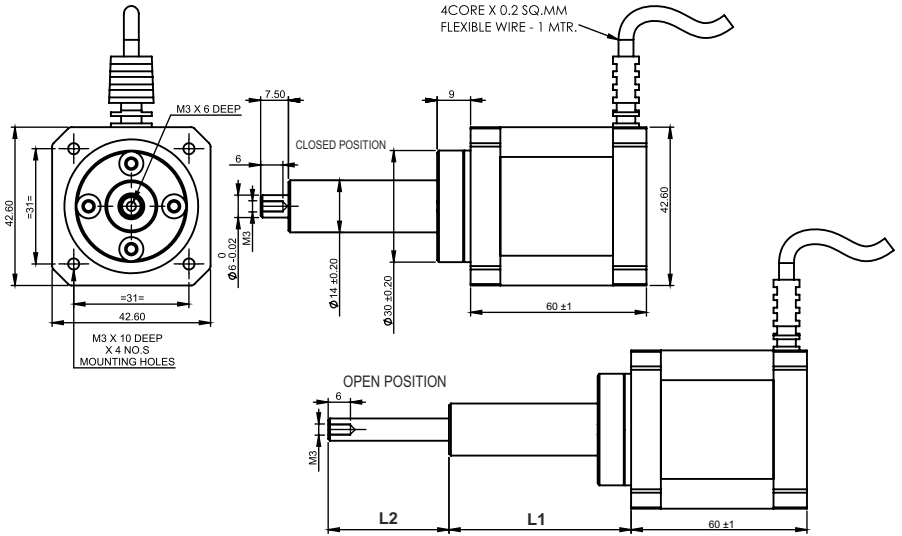
BH 42 SH 60 - 0854 ICLA (25/50)

(T6 X 2)

HIGH TORQUE HYBRID



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



TECHNICAL DATA

CHARACTERISTICS

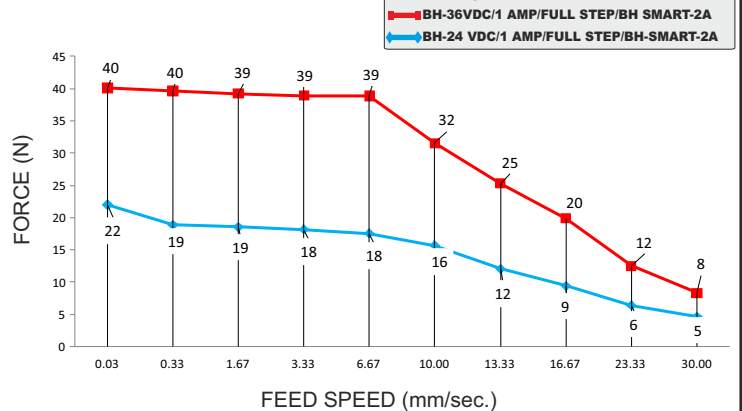
- Step Angle - 1.8°
- Step Angle Accuracy - $\pm 5\%$
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance
100 M Ohms Min.500 VDC
- Dielectric Strength
500 VAC For One Minute

SPECIFICATION BH 42 SH 60 - 0854 ICLA (25/50) (T6 X 2)

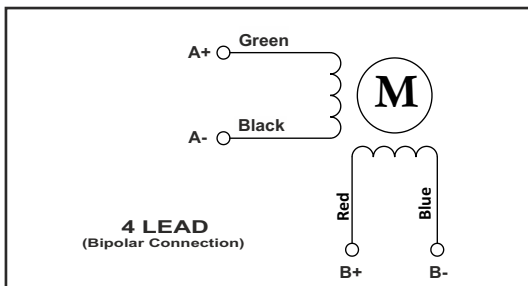
	MODEL	Bipolar
1	Current / phase	A
2	Max Horizontal Load Carrying Capacity (Kg)	4.0
3	Permissible Feed Speed (mm/sec)	30
4	Position Accuracy (mm)	0.05
5	Degree of protection (IP rating)	30
6	Linear Step Size at full step (Micron)	10
7	Operating voltage (VDC)	24 to 36
8	Max Axial play (mm)	± 0.05
9	Total 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.

DRIVE SET



Wiring Diagram



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