

# SPECIFICATION SHEET

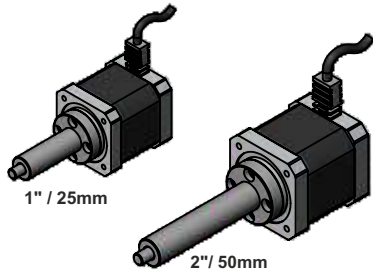
## Bholanath

### Integrated Captive Linear Actuator stepper motor

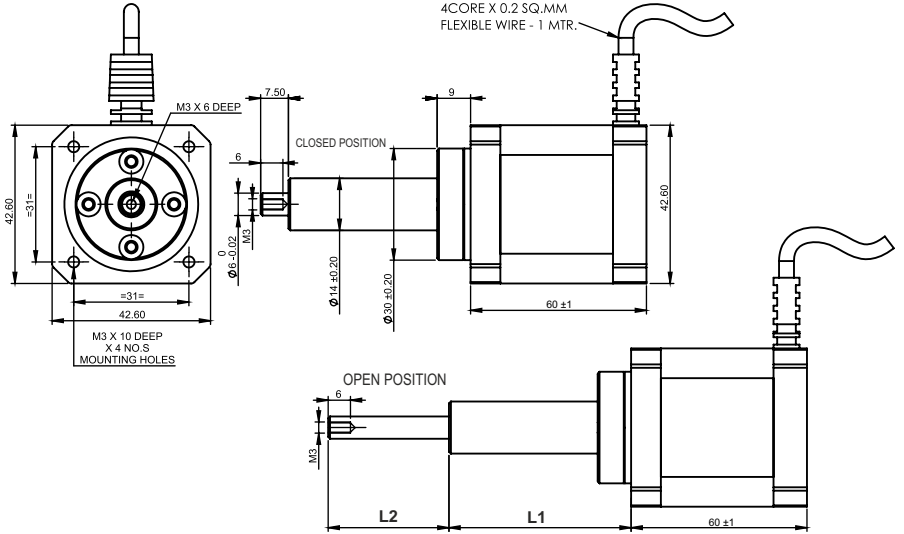
#### BH 42 SH 60 - 0854 ICLA (25/50)

#### (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

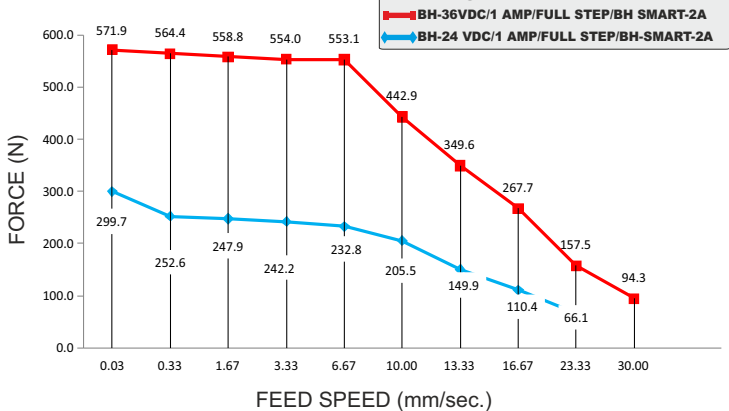
- Step Angle -  $1.8^{\circ}$
- Step Angle Accuracy -  $\pm 5\%$
- Insulation Class - H
- Ambient Temperature - (-20°C to +50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance  
100 M Ohms Min. 500 VDC
- Dielectric Strength  
500 VAC For One Minute

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

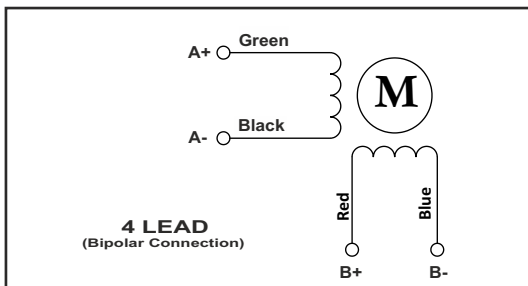
	MODEL	Bipolar
1	Current / phase	A
2	Max Horizontal Load Carrying Capacity (Kg)	57
3	Permissible Feed Speed (mm/sec)	30
4	Position Accuracy (mm)	0.05
5	Degree of protection (IP rating)	30
6	Linear Step Size at full step (Micron)	10
7	Operating voltage (VDC)	24 to 36
8	Max Axial play (mm)	$\pm 0.05$
9	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



## Bholanath Precision Engineering Pvt.Ltd.

11, Kembros Ind. Estate, Sonapur Lane, Bhandup (W), Mumbai - 400078.

Telefax/Phone : 25662856/25664338/67993260 Email : support@bholanath.in

Mobile No : 9920903825/9821671733/9930514603/9819515543/9323166582.