

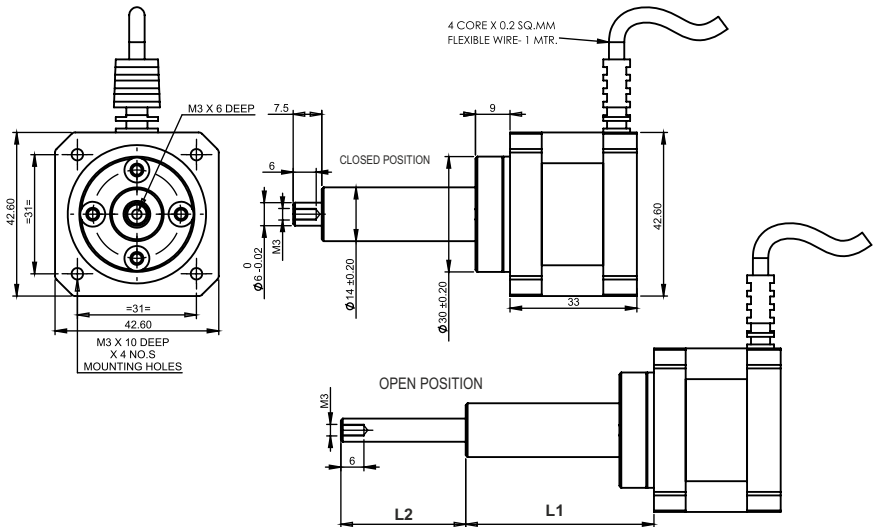
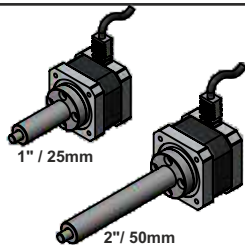
# SPECIFICATION SHEET

## Bholanath

# Integrated Captive Linear Actuator stepper motor

## BH 42 SH 33 - 1334 ICLA (25/50) (M6X1)

### HIGH TORQUE HYBRID



Travel Length (Inch/mm)	L1 (mm)	L2 (mm)
1" / 25mm	49	32.5
2" / 50mm	94	57.5

## TECHNICAL DATA

### CHARACTERISTICS

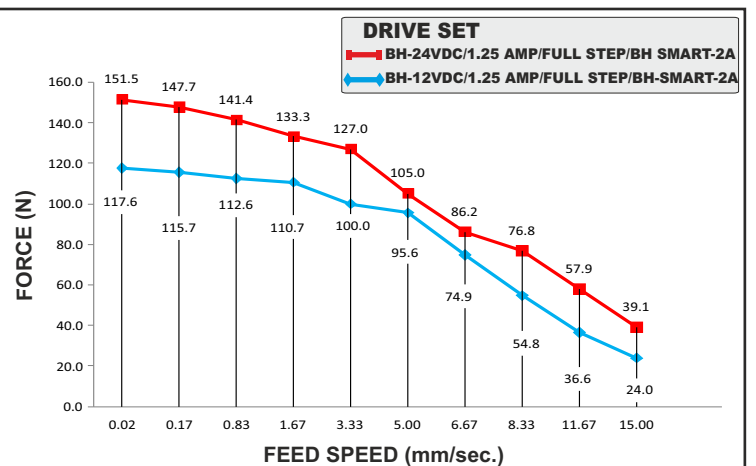
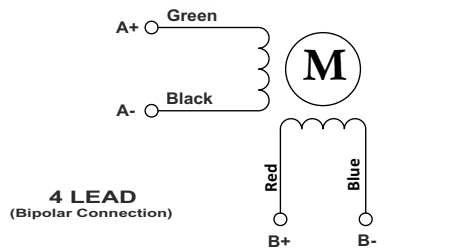
- Step Angle -  $1.8^{\circ}$
- Step Angle Accuracy of motor -  $\pm 3$  Arc Minute
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 50°C)
- Temperature Rise - 80°C Max. ( Rated Current Phase 2 ON )
- Insulation Resistance  
100 M Ohms Min.500 VDC
- Dielectric Strength  
500 VAC For One Minute

### SPECIFICATION BH 42 SH 33 - 1334 ICLA(25/50) (M6X1)

	MODEL	Bipolar
1	Current / phase (A)	1.33
2	Max Horizontal Load Carrying Capacity (Kg)	15
3	Max Permissible Feed Speed (mm/sec)	18
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)	$\pm 0.05$
9	Total Weight of ICLA (Gm)	400

**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



# Bholanath Precision Engineering Pvt.Ltd.

COMMITTED TO PRECISION

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