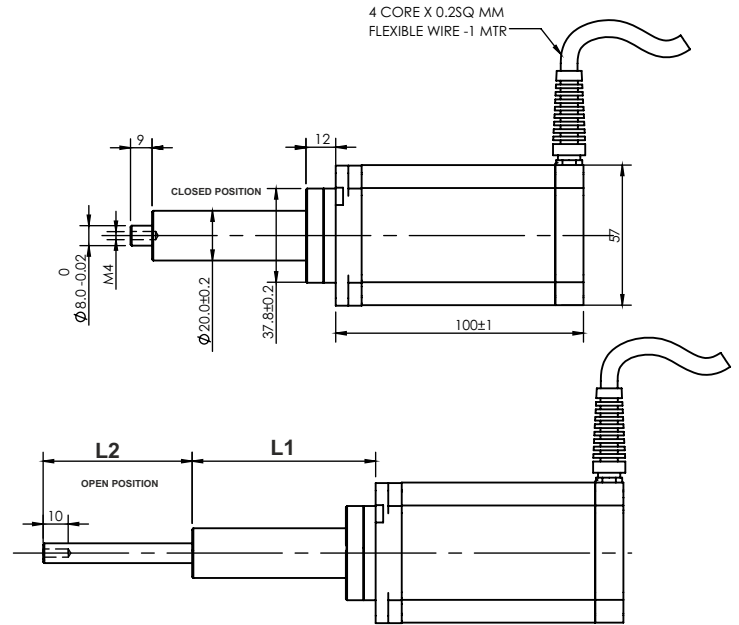
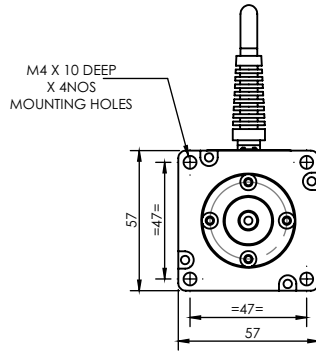
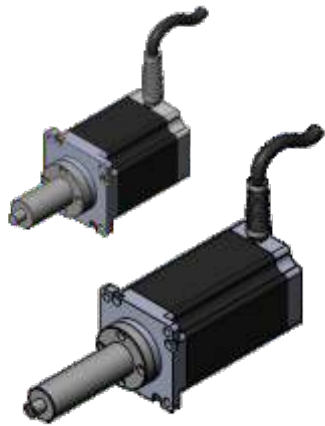


# SPECIFICATION SHEET

## Bholanath

**Integrated Captive Linear Actuator  
stepper motor**  
**BH 57 SH 100 - 3004 ICLA 25/50**  
**(M10 X 1.5)**  
**HIGH TORQUE HYBRID**



Travel Length (Inch/mm)	L1 (mm)	L2 (mm)
1" / 25mm	49	35
2" / 50mm	74	60

## TECHNICAL DATA

### CHARACTERISTICS

- Step Angle - 1.8<sup>0</sup>
- Step Angle Accuracy - ± 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

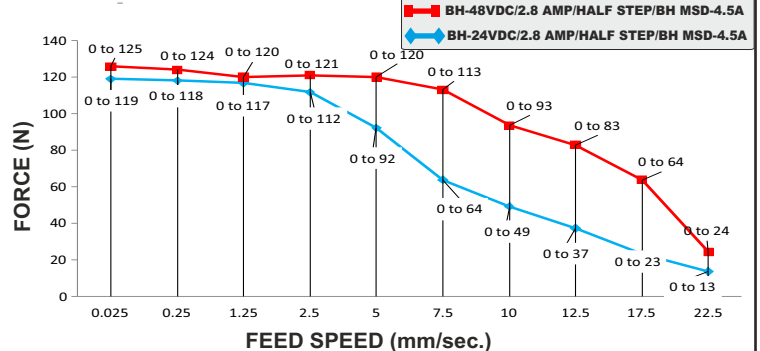
### SPECIFICATION

**BH 57 SH 100 - 3004 ICLA 25/50**  
**(M10X1.5)**

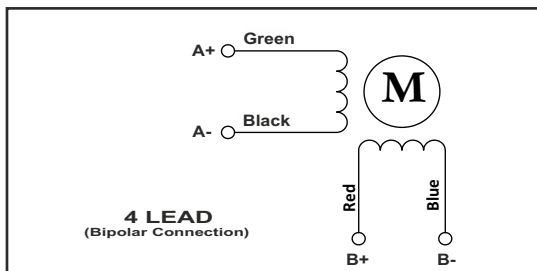
	MODEL	Bipolar	
1	Current / phase	A	3
2	Max Load Carrying Capacity (Kg)		12.5
3	Permissible Feed Speed (mm/sec)		22
4	Position Accuracy (mm)		0.05
5	Degree of protection (IP rating)		30
6	Linear Step Size at full step (Micron)		7.5
7	Operating voltage (VDC)		24 to 48
8	Max Axial play (mm)		± 0.05
9	Total Weight of ICLA (Kg)		2

**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.

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