

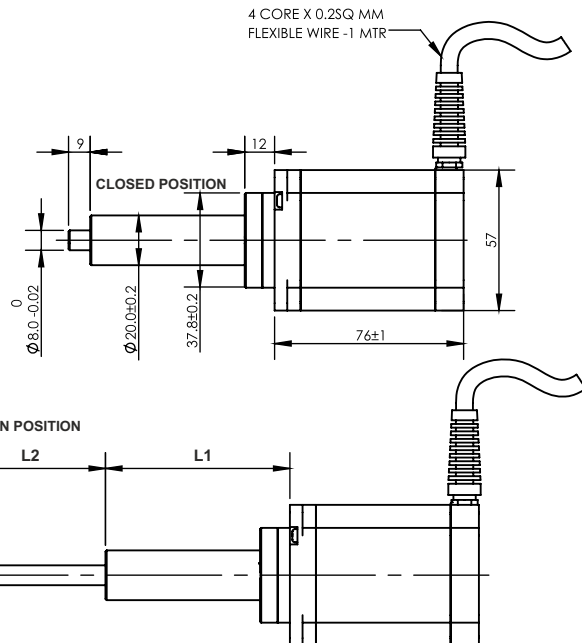
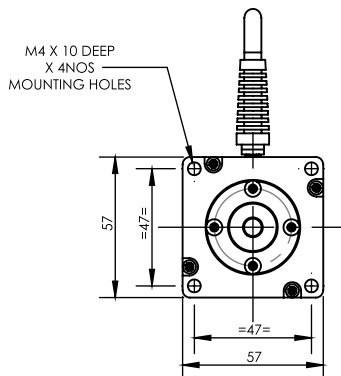
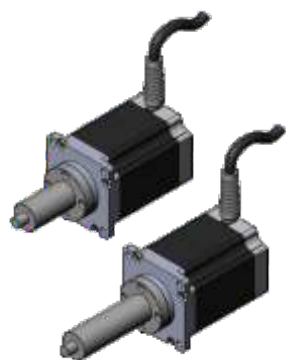
SPECIFICATION SHEET

Bholanath

Integrated Captive Linear Actuator stepper motor

BH 57 SH 100 - 3004 ICLA 25/50 (TR8 X 8)

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°
- Step Angle Accuracy - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - $(-20^{\circ}\text{C to } +50^{\circ}\text{C})$
- 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

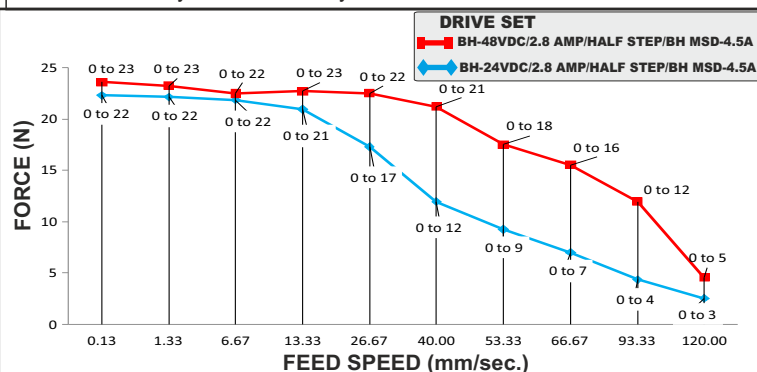
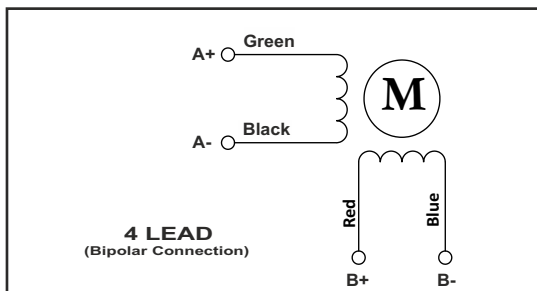
SPECIFICATION

BH 57 SH 100 - 3004 ICLA 25/50
(TR8X8)

	MODEL	Bipolar
1	Current / phase	A
2	Max Load Carrying Capacity (Kg)	2.3
3	Permissible Feed Speed (mm/sec)	120
4	Position Accuracy (mm)	0.05
5	Degree of protection (IP rating)	30
6	Linear Step Size at full step (Micron)	40
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.

Wiring Diagram



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