

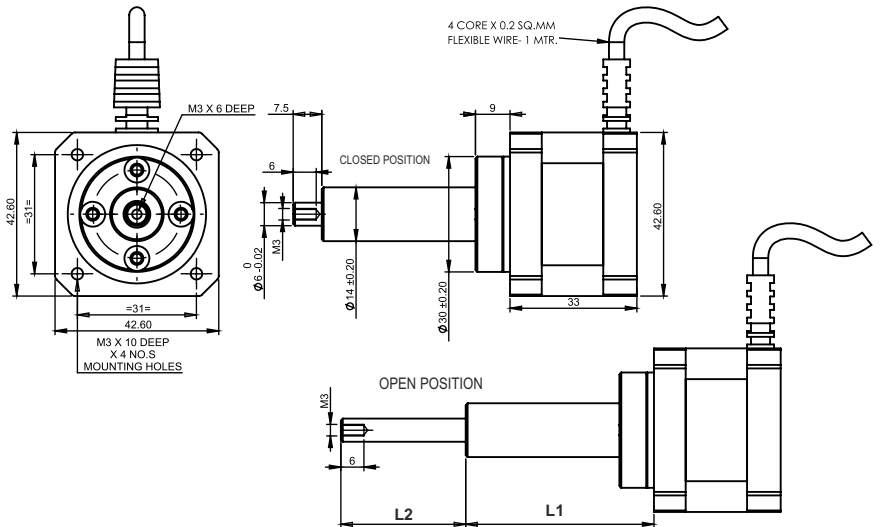
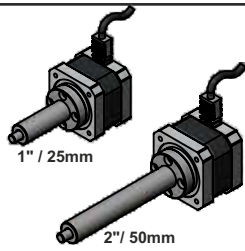
SPECIFICATION SHEET

Bholanath

Integrated Captive Linear Actuator stepper motor

BH 42 SH 33 - 1334 ICLA (25/50) (T6X2)

HIGH TORQUE HYBRID



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

TECHNICAL DATA

CHARACTERISTICS

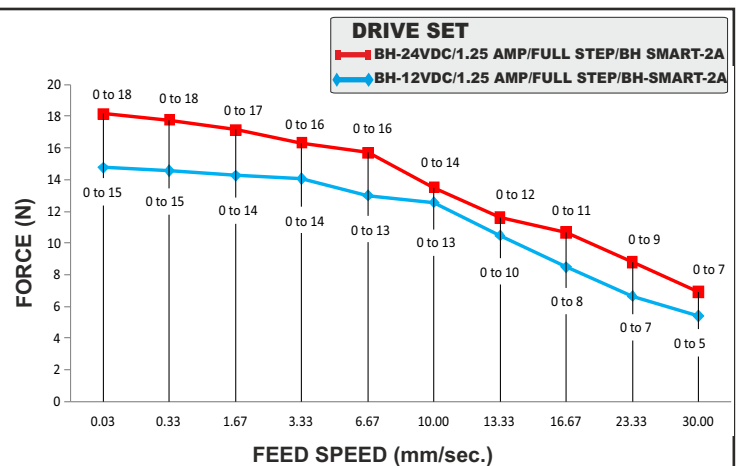
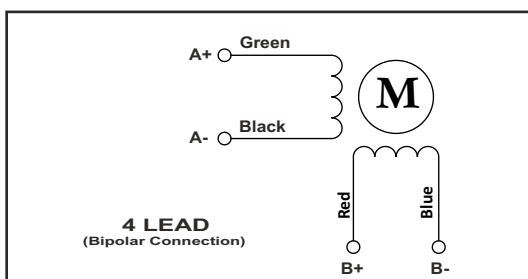
- Step Angle of motor - 1.8°
- Step Angle Accuracy of motor - ± 3 Arc Minute
- Insulation Class - H
- Ambient Temperature - (- 20°C to + 50°C)
- Temperature Rise - 80°C Max. (Rated Current Phase 2 ON)
- Insulation Resistance
100 M Ohms Min.500 VDC
- Dielectric Strength
500 VAC For One Minute

SPECIFICATION BH 42 SH 33 - 1334 ICLA (25/50) (T6X2)

	MODEL	Bipolar
1	Current / phase	A
2	Max Horizontal Load Carrying Capacity (Kg)	1.8
3	Max 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)	12 to 24
8	Max Axial play (mm)	± 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 .

Wiring Diagram



Bholanath Precision Engineering Pvt.Ltd.

COMMITTED TO PRECISION

BHOLANATH COOL STEPPERS

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.