SPECIFICATION SHEET
Bholanath

Integrated Captive Linear Actuator stepper motor

BH 42 SH 47 - 1504 ICLA (25/50) (T6 X 2)

HIGH TORQUE HYBRID

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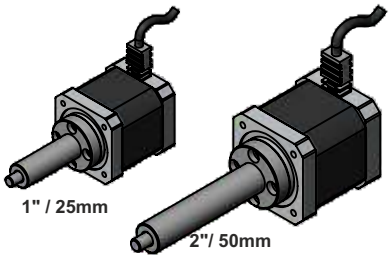

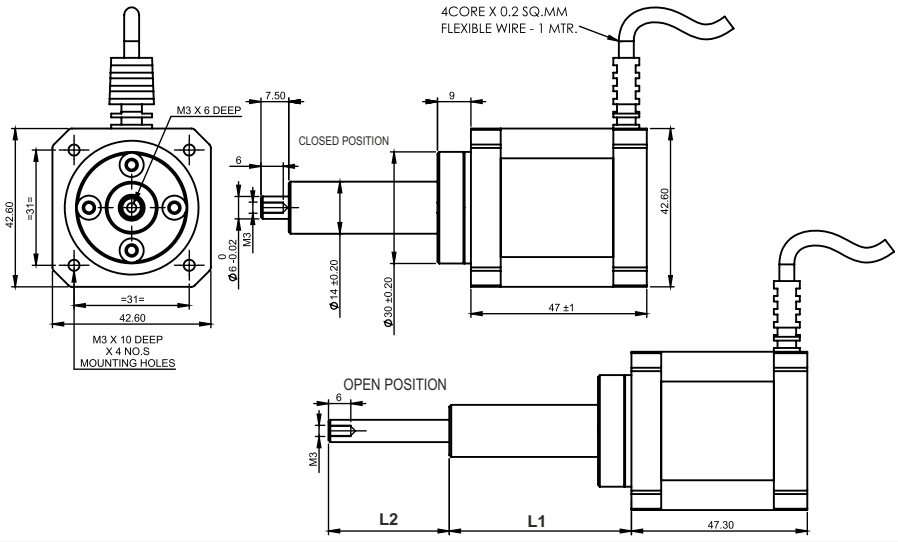

Travel Length (Inch/mm)	L1 (mm)	L2 (mm)
1" / 25mm	49	32.50
2"/ 50mm	74	57.5

TECHNICAL DATA

CHARACTERISTICS

- Step Angle - 1.8^0
- 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

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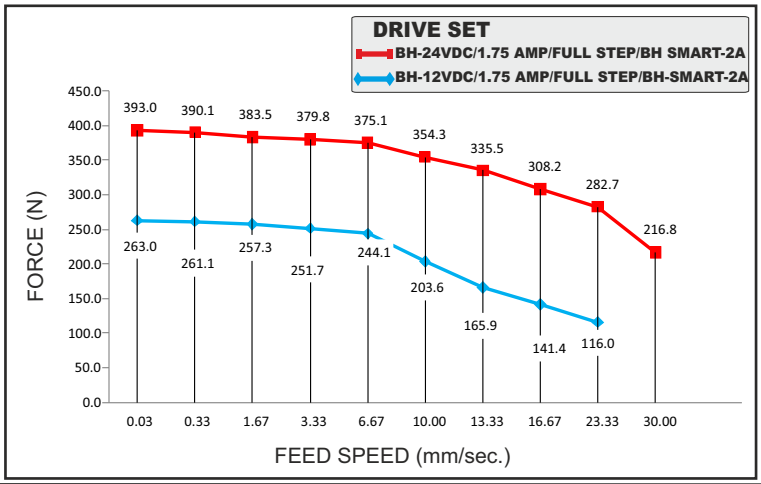
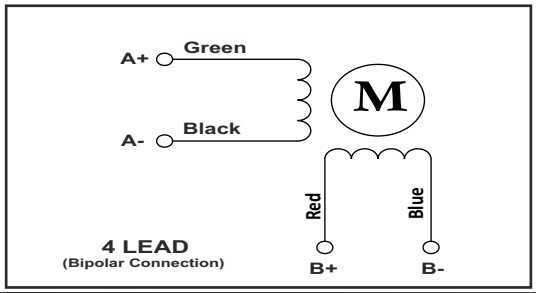
	MODEL		Bipolar
1	Current / phase	A	1.5
2	Max Horizontal Load Carrying Capacity (Kg)		39
3	Permissible Feed Speed	(mm/sec)	30
4	Position Accuracy	(mm)	0.05
5	Degree of protection	(IP rating)	30
6	Linear Step Size at full step	(Micron)	10
7	Operating voltage	(VDC)	12 to 24
8	Max Axial play	(mm)	± 0.05
9	Total Weight of ICLA	(Gm)	500

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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BHOLANATH COOL STEPPERS™

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.