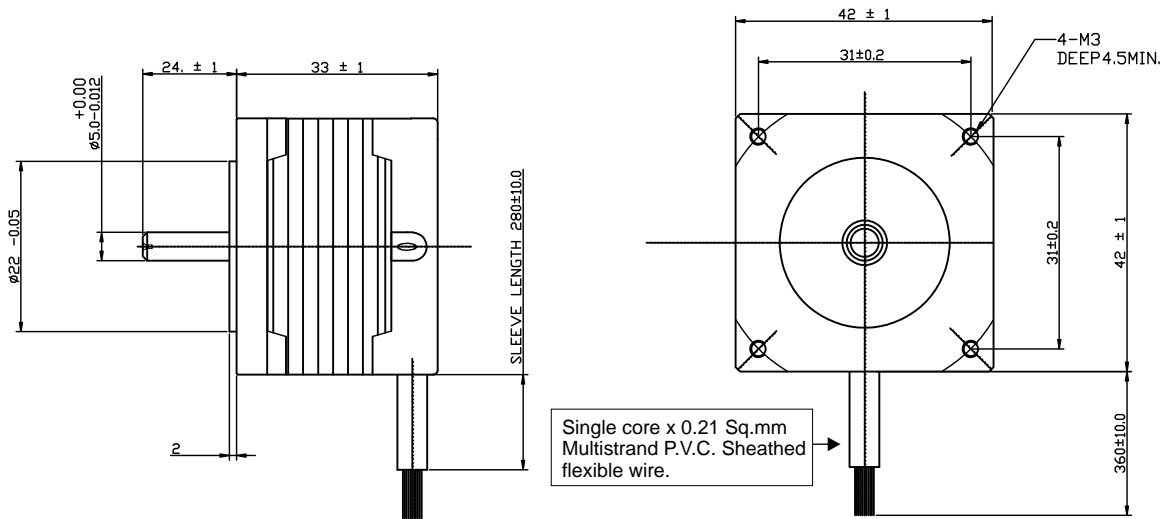


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH42 SH 33-0316 A
HIGH TORQUE HYBRID



TECHNICAL DATA

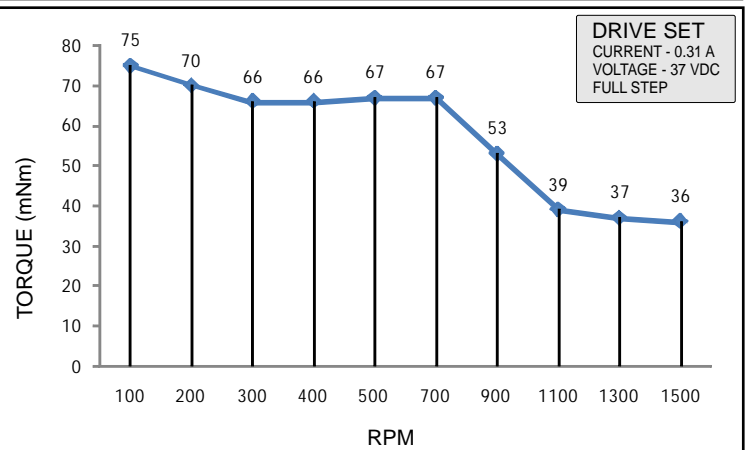
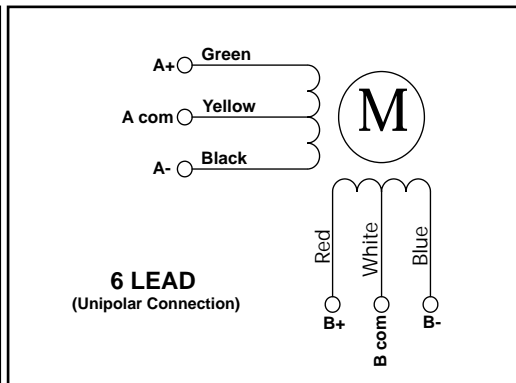
CHARACTERISTICS

Step Angle - 1.8°
Step Angle Accuracy - ± 5%
Insulation Class - H
Ambient Temperature - - 20°C + 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
Shaft Radial Play 0.02 Max. Play (450 G Load)
Shaft Axial Play 0.08 Max. Play (450 G Load)
Max.Radial Force 28 N (20MM From Front Flange)
Max.Axial Force 10 N

SPECIFICATION BH42SH33-0316A

MODEL	Unipolar		
1	Rated Voltage	V	11.94
2	Current / Phase	A	0.31
3	Resistance / Phase	± 10% Ω	38.5
4	Inductance / Phase	± 20% mH	6.90
5	Holding Torque	Nm	0.158
6	Rotor Inertia	G-CM ²	35
7	Weight	KG.	0.224
8	No of Lead	N ⁰	6

Wiring Diagram



MOTOR MODEL - BH42SH33-0316A



Bholanath Precision Engineering Pvt.Ltd.

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