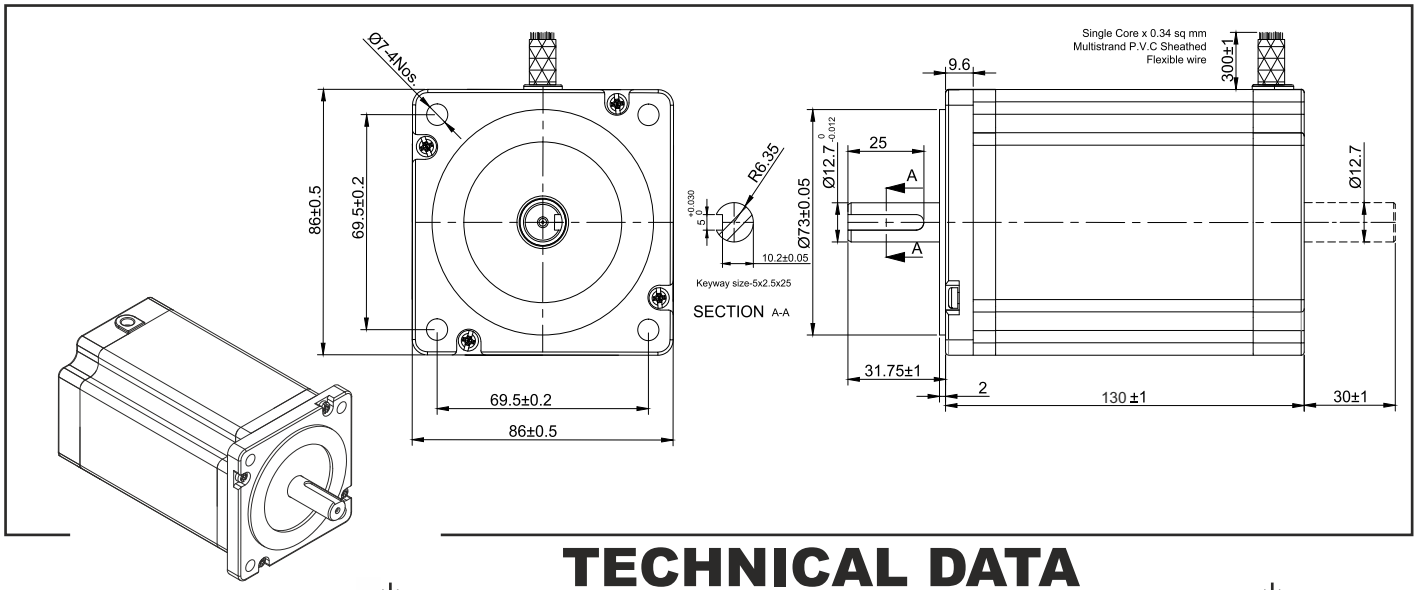
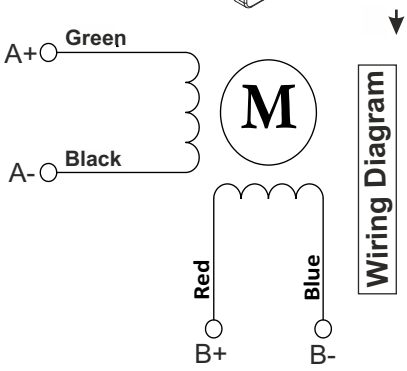
SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH86 SH 130 - 6004AK
HIGH TORQUE HYBRID

Bholanath™
COMMITTED TO PRECISION



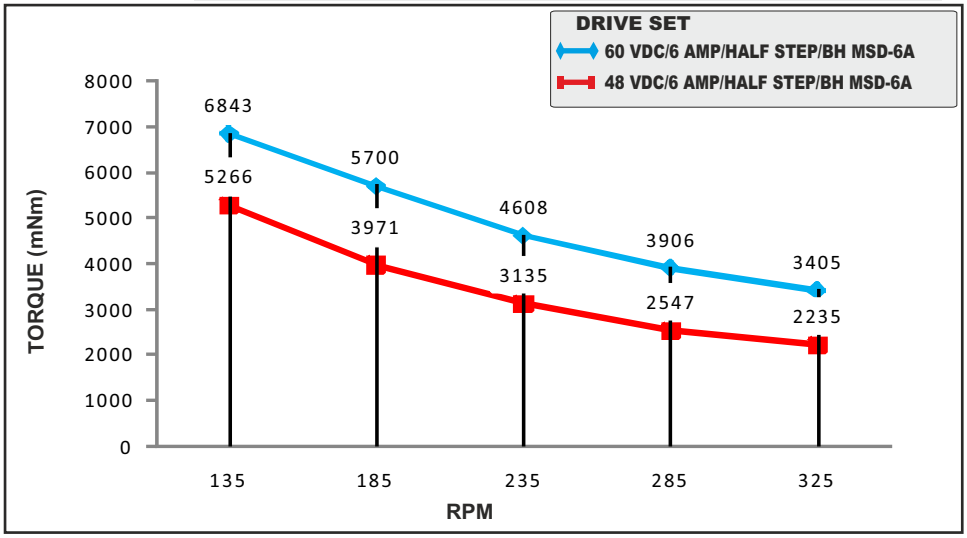


TECHNICAL DATA

SPECIFICATION	BH 86SH 118 - 6004 AK		
	MODEL		Bipolar
1	Rated Voltage	V	2.52
2	Current / Phase	A	6
3	Resistance / Phase	± 10% Ω	0.42
4	Inductance / Phase	± 20% mH	4.25
5	Holding Torque	Nm	10.0
6	Rotor Inertia	G-CM^2	2700
7	Weight	KG.	4
8	No of Lead	N^0	4
9	Operating Voltage	VDC	48 - 170
10	Operating Voltage	VAC	34 - 120

CHARACTERISTICS

Step Angle - 1.8^0
Step Angle Accuracy - ± 3 Arc Minute
Insulation Class - H
Ambient Temperature - - 20^{0}C + 50^{0}C
Temperature Rise - 80^{0}C Max. (Rated Current Phase 2 ON)
Insulation Resistance 100 M Ohms Min.500 VDC
Dielectric Strength 820 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 220 N (20MM From Front Flange)
Max.Axial Force 60 N



STEPPER MOTOR - BH86SH130 -6004 AK

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BHOLANATH COOL STEPPERS™

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