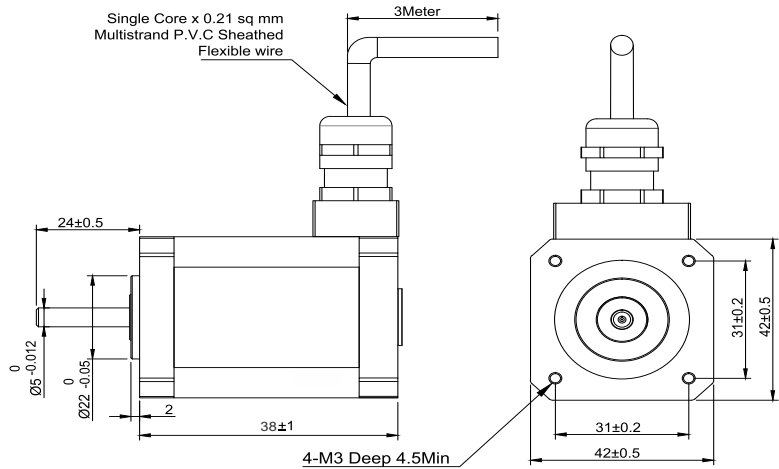
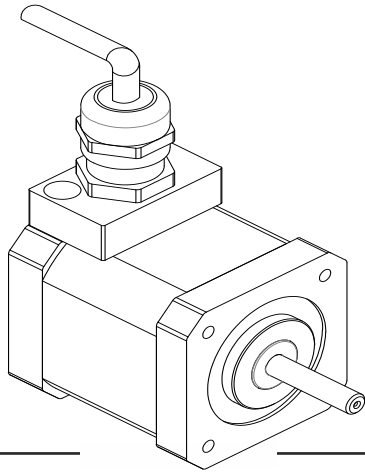


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 42 SH 38-1684 A - CE
HIGH TORQUE HYBRID



TECHNICAL DATA

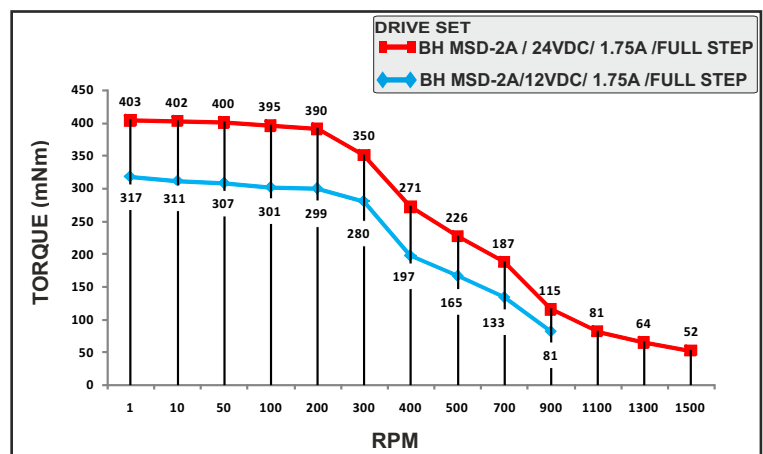
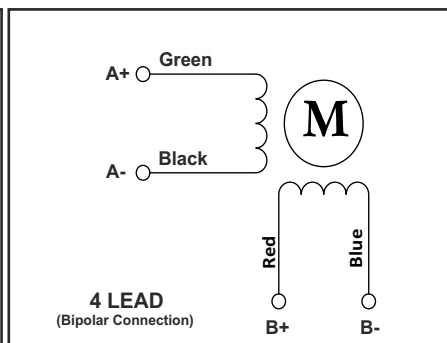
CHARACTERISTICS

| |
|--|
| Step Angle - 1.8° |
| Step Angle Accuracy - ± 3 Arc Minute |
| Insulation Class - H |
| Protection Class - DIN 40050 - IP 65 |
| 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 BH42SH38 -1684 A - CE

| | MODEL | Bipolar |
|---|--------------------|----------------------|
| 1 | Rated Voltage | V 2.85 |
| 2 | Current / Phase | A 1.68 |
| 3 | Resistance / Phase | ± 10% Ω 1.70 |
| 4 | Inductance / Phase | ± 20% mH 1.80 |
| 5 | Holding Torque | Nm 0.36 |
| 6 | Rotor Inertia | G-CM ² 54 |
| 7 | Weight | KG. 0.27 |
| 8 | No of Lead | N ⁰ 4 |
| 9 | Operating Voltage | VDC 12 - 24 |

Wiring Diagram



MOTOR MODEL - BH42SH38-1684 A - CE



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