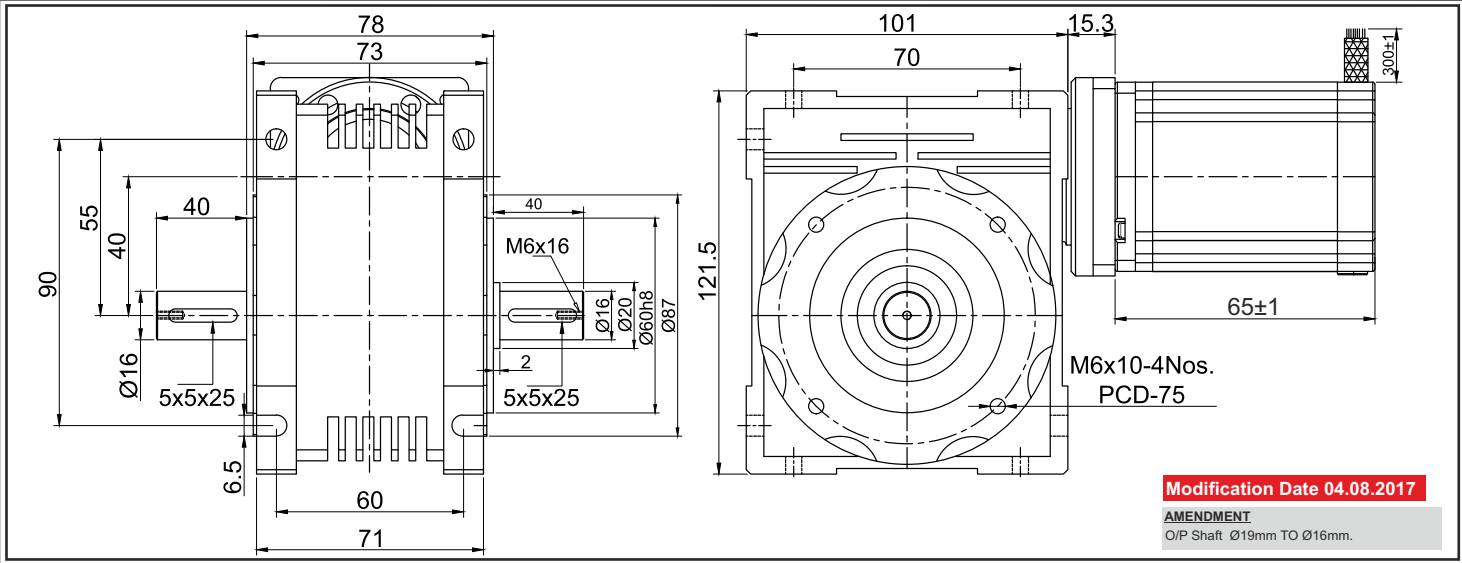


SPECIFICATION SHEET
Bholanath

STEPPER MOTOR
BH 60 SH 65 - 2804 HL-10
HIGH TORQUE HYBRID



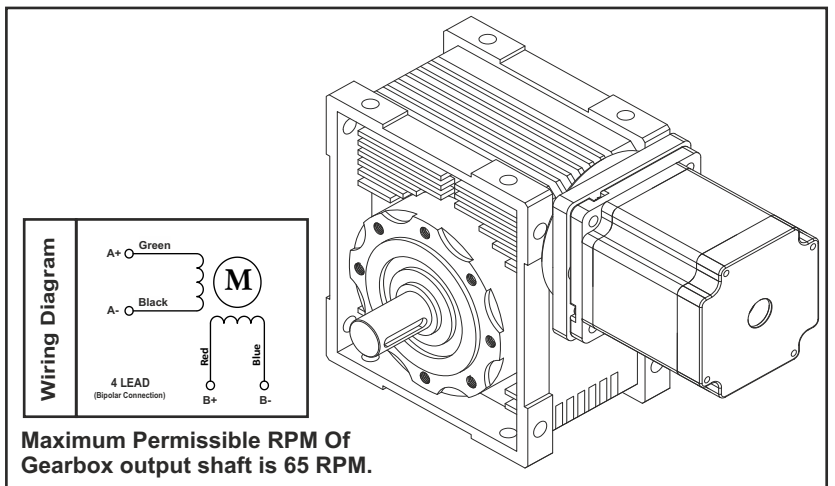
Modification Date 04.08.2017

AMENDMENT
O/P Shaft Ø19mm TO Ø16mm.

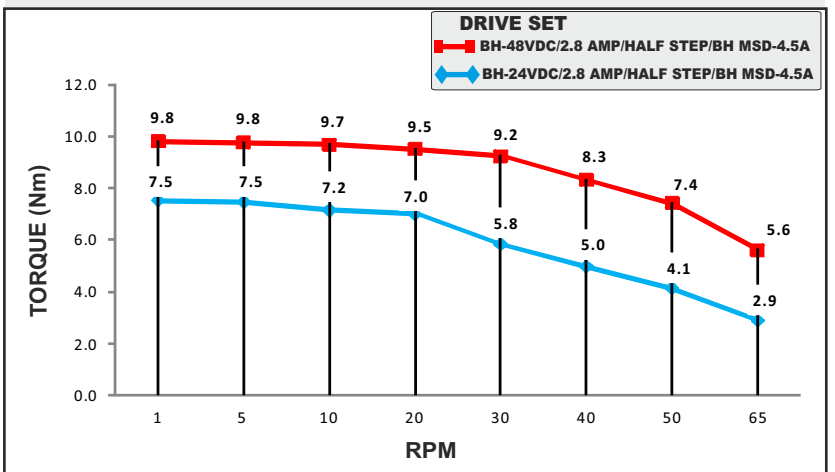
TECHNICAL DATA

CHARACTERISTICS

Motor - Bipolar
Steps per Revolution - 200
Step Angle - 1.8 degree
Motor Step Angle Accuracy - ± 3 Arc Minute
Dimensions - Refer drawing
Weight with Gear box - 4.0 Kg
Insulation Class - Class 155
Protection Class - DIN40050 - Ip30
Resistance of Insulation - 100M Ω
Resistance per phase ±10% - 1.2 / 1.21Ω
Inductance per phase ±20% - 4.25 / 4.2 mH
Normal current per phase - 2.8 Amp
Normal Power - 9.408 Watt
Rated Voltage - 3.36
Operating Voltage - 24 - 48 Vdc
Stock Temperature - 10°C To 40°C
Operation Temperature -10°C To 40°C
Holding Torque for Motor - 2.1 Nm
Holding Torque With gear Box - 21.0 Nm (210Kgcm)
Admissible Radial Load < 1447 N
Gear Box Ratio - 10:1
Backlash ≤ 0.8 Degree



Maximum Permissible RPM of Gearbox output shaft is 65 RPM.



MOTOR MODEL - BH60SH65-2804HL-10



Bholanath Precision Engineering Pvt.Ltd.

COMMITTED TO PRECISION

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