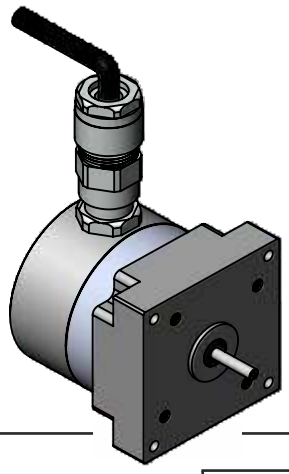
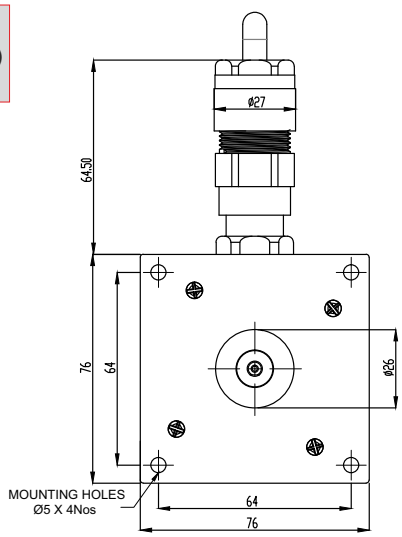
SPECIFICATION SHEET
Bholanath

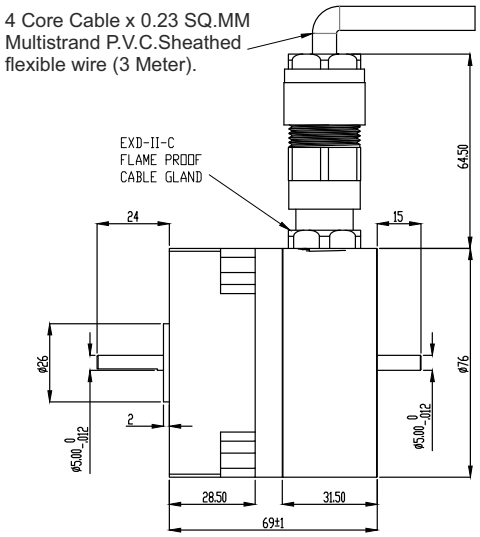
STEPPER MOTOR
BH 42 SH 69-1504 AF - FLP
HIGH TORQUE HYBRID

Bholanath™
COMMITTED TO PRECISION

Flame Proof Standard:-
CLASS :- 1 , ZONE :- 1 , Ex db (IIA/IIB/IIC) T6 Gb(-20°C ≤ Ta ≤ +50°C)
INGRESS PROTECTION:- IP 64







TECHNICAL DATA

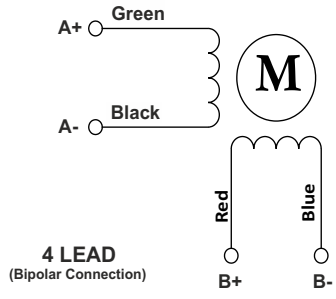
CHARACTERISTICS

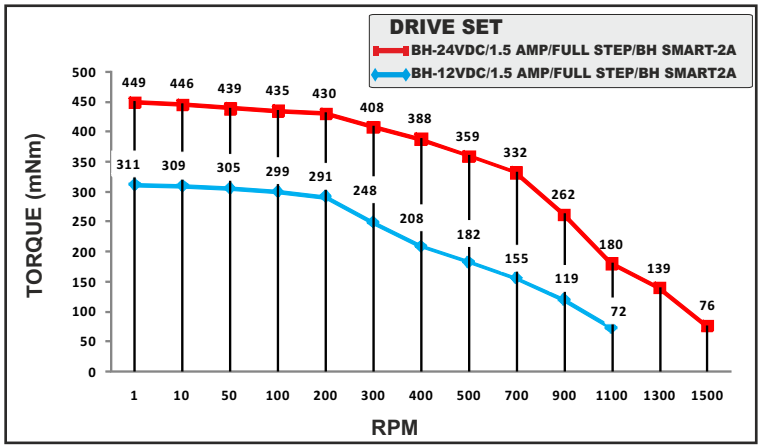
Step Angle - 1.8^0
Step Angle Accuracy - ± 3 Arc Minute
Insulation Class - H
Protection Class - DIN 40050 - IP 64
Ambient Temperature - 20^{0}C + 50^{0}C
Temperature Rise - 80^{0}C Max. (Rated Current Phase 2 ON)
Insulation Resistance 100 M Ohms Min.500 VDC
Dielectric Strength 500 VAC For One Minute
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 BH42SH69 - 1504 AF- FLP

	MODEL		Bipolar
1	Rated Voltage	V	4.2
2	Current / Phase	A	1.5
3	Resistance / Phase	± 10% Ω	2.8
4	Inductance / Phase	± 20% mH	5.7
5	Holding Torque	Nm	0.55
6	Detent Torque	Nm	0.055
7	Rotor Inertia	G-CM^2	68
8	Weight	KG.	1.3 KG ± 0.1
9	No of Lead	N^0	4
10	Operating Voltage	VDC	12 - 24

Wiring Diagram





MOTOR MODEL - Bh42 SH69-1504AF - FLP

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BHOLANATH COOL STEPPERS™

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