SPECIFICATION SHEET
Bholanath

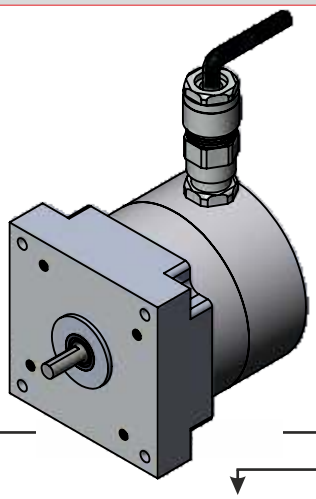
STEPPER MOTOR
BH60 SH 121 - 2804AF - FLP
HIGH TORQUE HYBRID

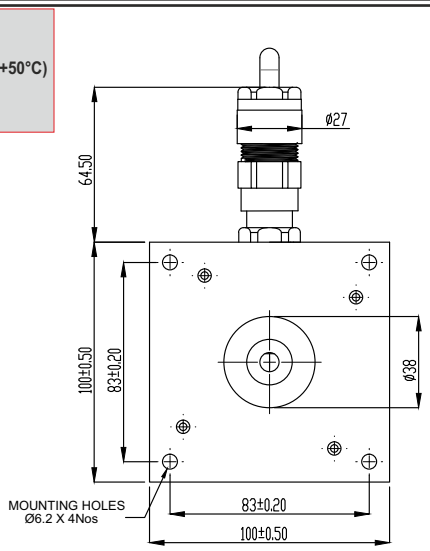
Bholanath™
COMMITTED TO PRECISION

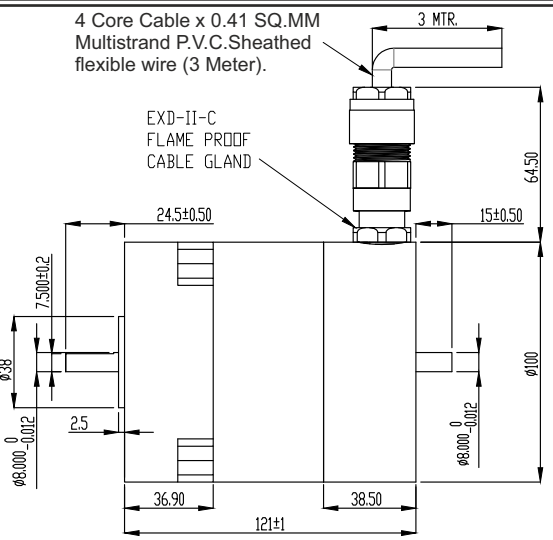
Flame Proof Standard:-

CLASS :- 1 , ZONE :- 1 , Ex db IIC T6 Gb(-20°C ≤ Ta ≤ +50°C)
INGREESE PROTECTION:- IP 64

Note:- Working Hours- 5000Hrs.







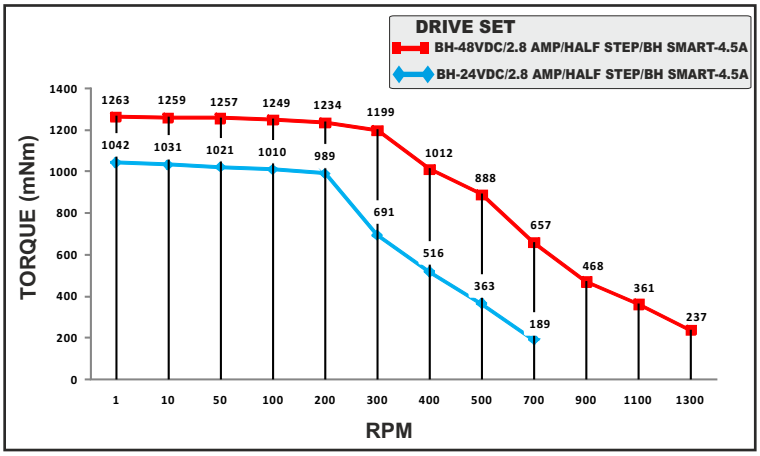
TECHNICAL DATA

CHARACTERISTICS

Step Angle - 1.8^0
Step Angle Accuracy - ± 3 Arc Minute
Insulation Class - H
Protection Class - DIN 40050 - IP 64
Ambient Temperature - 20^0C + 50^0C
Temperature Rise - 80^0C 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 BH60SH121 - 2804 AF - FLP

	MODEL		Bipolar
1	Rated Voltage	V	4.48
2	Current / Phase	A	2.8
3	Resistance / Phase	± 10% Ω	1.6
4	Inductance / Phase	± 20% mH	6.5
5	Holding Torque	Nm	3.1
6	Rotor Inertia	G-CM^2	840
7	Weight	KG.	3.5 KG ± 0.1
8	No of Lead	N^0	4
9	Operating Voltage	VDC	24 - 48



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BHOLANATH COOL STEPPERS™

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