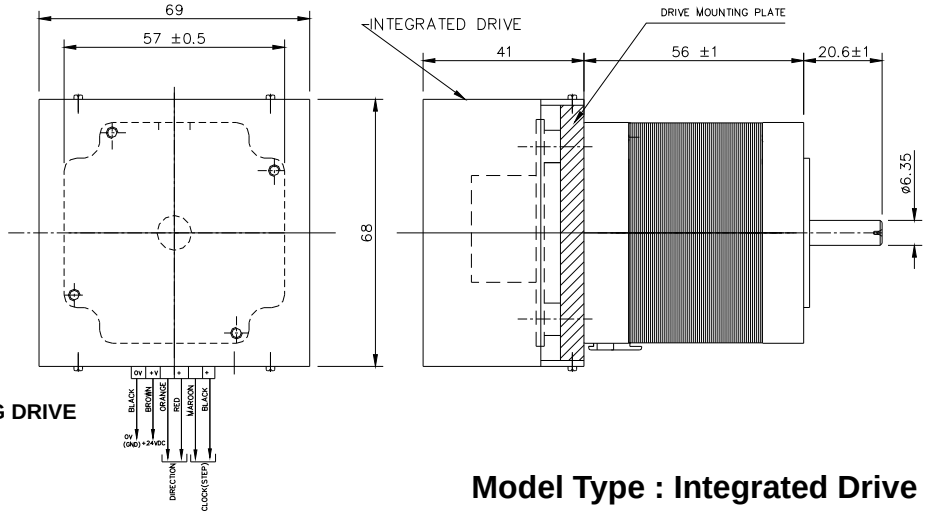
SPECIFICATION SHEET *Bholanath*	STEPPER MOTOR BH 57 SH 56 HIGH TORQUE HYBRID	Bholanath™ COMMITTED TO PRECISION



ORION MICROSTEPPING DRIVE
MSD -2A5-032-24
MICROSTEPPING - 1/32
VOLTS — 24 VOLTS

Model Type : Integrated Drive Stepper Motor

TECHNICAL DATA

CHARACTERISTICS

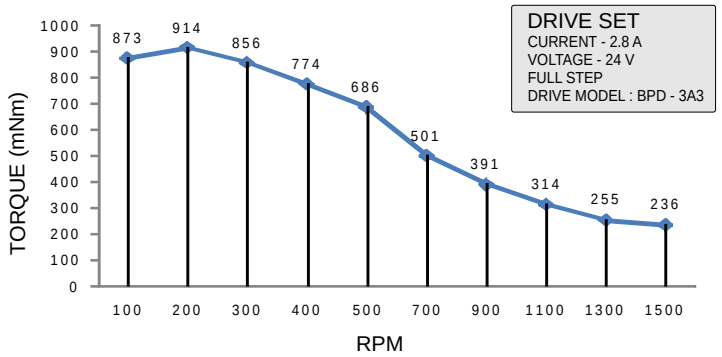
Step Angle - 1.8°
Step Angle Accuracy - ± 5%
Insulation Class - H
Ambient Temperature - - 20°C + 50°C
Temperature Rise - 80° C Max. (Rated Current Phase 2 ON)
Insulation Resistance 100 M Ohms Min.500 VDC
Dielectric Strength 500 VAC For One Minute
Shaft Radial Play 0.02 Max. Play (450 G Load)
Shaft Axial Play 0.08 Max. Play (450 G Load)
Max.Radial Force 28 N (20MM From Front Flange)
Max.Axial Force 10 N

CONNECTION

Lead No	Color	Gauge	Function
1	Red	UL 1430 SWG 34	Phase A
2	Blue	UL 1430 SWG 34	Phase A-
3	Green	UL 1430 SWG 34	Phase B
4	Black	UL 1430 SWG 34	Phase B-

SPECIFICATION BH57SH56-2804A-ID

	MODEL		Bipolar
1	Rated Voltage	V	2.8
2	Current / Phase	A	2.8
3	Resistance / Phase	±10% Ω	1.01
4	Inductance / Phase	±20% mH	2.5
5	Holding Torque	Nm	1.26
6	Rotor Inertia	G-CM²	300
7	Weight	KG.	0.72
8	No of Lead	N°	4



MOTOR MODEL - **BH57SH56-2804A-ID**

Bholanath™ COMMITTED TO PRECISION
BHOLANATH COOL STEPPERS™

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