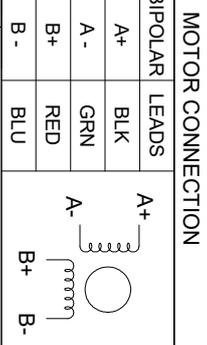


ENCODER RESOLUTION:1000PPR(4000CPR)

LEAD COLOR	RED	BLK	WHT	YEL	ORG	GRA	GRN	BLU
DESCRIPTION	VCC	GND	EA+	EA-	EB+	EB-	EZ+	EZ-

FULL STEP 2 PHASE-EX. WHEN FACING MOUNTING END (X)	STEP	A+	B+	A-	B-	CCW	
	1	+	+	-	-	←	→
	2	-	+	+	-	←	→
	3	-	-	+	+	←	→
4	+	-	-	+	CW		

UNIT mm
GRIT 180#M
EQVISO Z/8-1
CLASS W:
≤6 ±0.1
8-30 ±0.2
30-120 ±0.3
≥120-400 ±0.5



SPECIFICATION	VALUE
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AMPS/PHASE	1.00
RESISTANCE/PHASE(Ohms)@25°C	3.50±10%
INDUCTANCE/PHASE (mH)@1KHz	3.20±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	0.14[1.24]
GEAR RATIO	13 ² / ₅₅
EFFICIENCY	80%
STEP ANGLE w/o GEARBOX(°)	1.80
BACKLASH@NO-LOAD(°)	<=3
MAX.PERMISIBLE TORQUE(Nm)	3
MOMENT PERMISSIBLE TORQUE(Nm)	5
SHAFT MAXIMUM AXIAL LOAD(N)	-
SHAFT MAXIMUM RADIAL LOAD(N)	-
AMBIENT TEMPERATURE	-10°C-50°C[14°F-122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

mm	
UNITS	DRN
3:2	APVD
SCALE	SIGNATURE
	DATE

PLANETARY GEARBOX MOTOR

11HSS20-1004D-E1000-PG14

