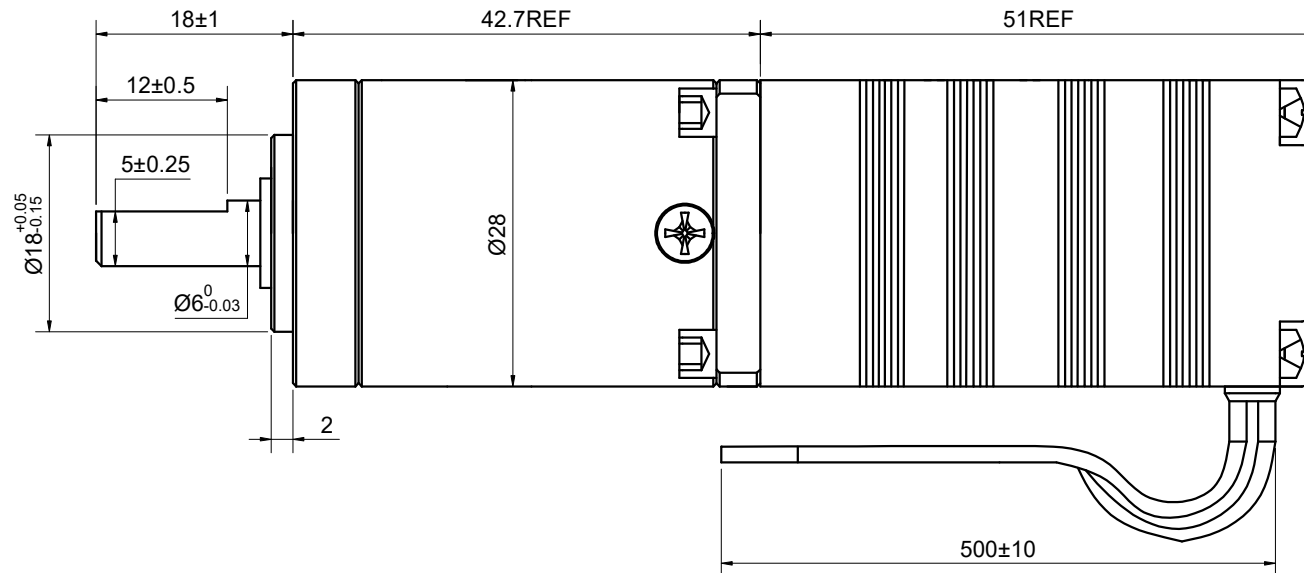
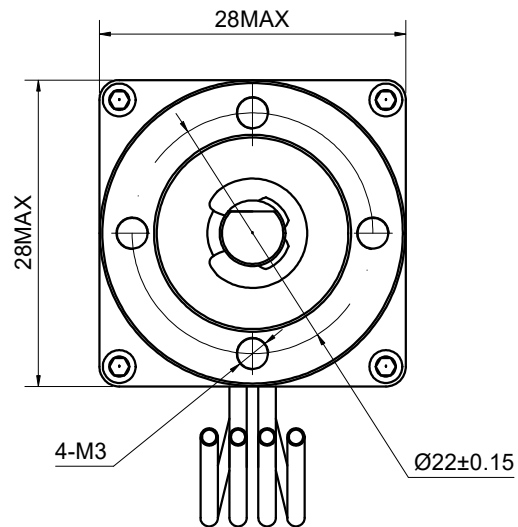


MODEL NO.	11HS20-0714S-PG100	DWG NO.	A0143
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CUSTOMER'S MODEL: NO MODEL  
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	8.28.2023



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.71
RESISTANCE/PHASE(Ohms)@25°C		9.00±10%
INDUCTANCE/PHASE(mH)@1KHz		8.40±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		0.13[1.15]
STEP ANGLE w/o GEARBOX(°)		1.80
GEAR RATIO		99.548
GEAR EFFICIENCY		70%
BACKLASH@NO-LOAD		<=3°
MAX.PERMISSIBLE TORQUE(Nm)		3
MOMENT PERMISSIBLE TORQUE(Nm)		5
AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]
INSULATION CLASS		B 130°C[266°F]
TEMPERATURE RISE		MAX.80°C

COMMENT:

- 1.DYNAMIC AXIAL LOAD: 50N MAX
- 2.DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 100N MAX
- 3.TMBF 6000h OR MORE @ 24V/300RPM
- 4.INSULATION RESISTANCE (NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
- 5.DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE )

MOTOR CONNECTION			
PIN NO	BIPOLAR	LEADS	WINDING
1	A+	BLK	
2	A-	GRN	
3	B+	RED	
4	B-	BLU	

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)					DIMENSIONS ARE IN MILLIMETERS. TOLERANCES AS BELOW: DECIMALS      ANGLES X      ±0.5      ±2° X.X    ±0.25 X.XX ±0.13
STEP	A+	B+	A-	B-	
1	+	+	-	-	
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

**STEPPERONLINE®**

STEPPER MOTOR

11HS20-0714S-PG100

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SIGNATURE		DATE
DRN	LDJ	8.28.2023
APVD	YSX	8.28.2023

REV.	0	SCALE	1:1	DWG NO.	A0143
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