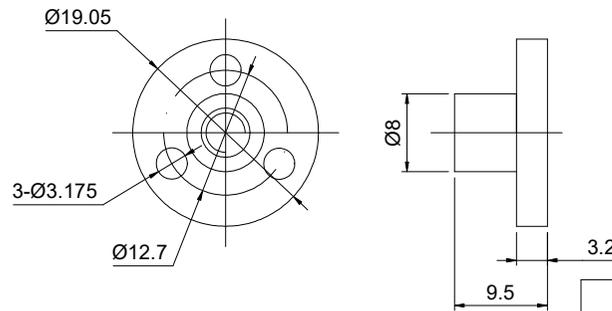
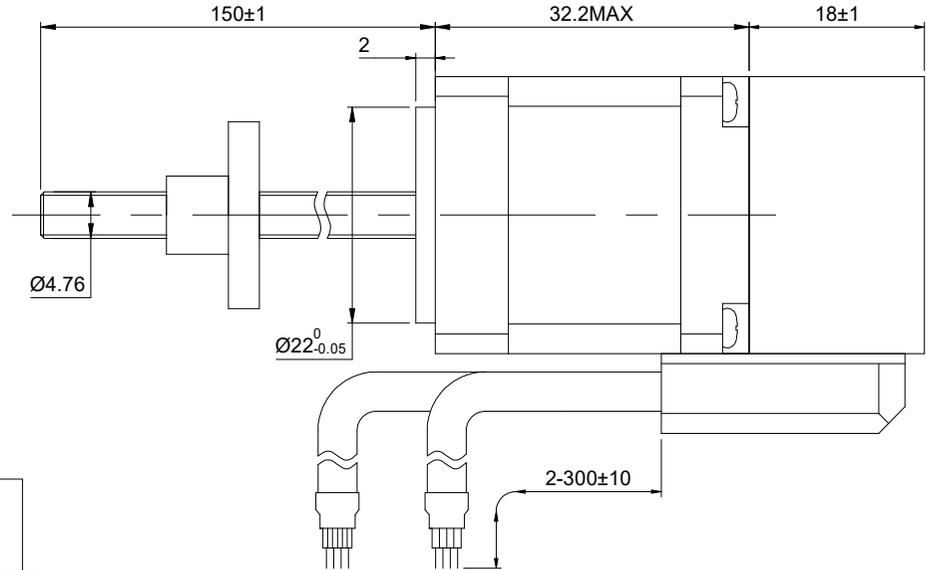
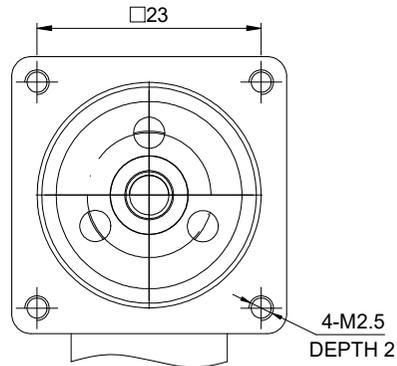


DWG NO. -



ENCODER RESOLUTION:1000PPR		
PIN NO	DESCRIPTION	COLOR
1	VCC	RED
2	GND	BLK
3	EA+	WHT
4	EA-	YEL
5	EB+	ORG
6	EB-	GRY
7	EZ+	GRN
8	EZ-	BLU

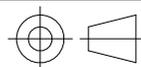
FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-	CW ↓	CCW ↑
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

UNIT mm  
GB/T 1804-M EQV.ISO  
2768-1 CLASS M:  
<math>\le 6</math> ±0.1  
<math>>6\sim 30</math> ±0.2  
<math>>30\sim 120</math> ±0.3  
<math>>120\sim 400</math> ±0.5

WINDING			CONNECTION		BIPOLAR
			SPECIFICATION		
			AMPS/PHASE		1.00
			RESISTANCE/PHASE(Ohms)@25°C		2.10±10%
			INDUCTANCE/PHASE(mH)@1KHz		1.50±20%
			HOLDING TORQUE(Nm)[lb-in]		0.05[0.44]
			STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%			
PIN NO	BIPOLAR	LEADS	LEAD(mm)		2.54
1	A+	BLK	LINEAR TRAVEL/STEP(mm)		0.0127
2	A-	GRN	AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]
3	B+	RED	INSULATION CLASS		B 130°C[266°F]
4	B-	BLU	TEMPERATURE RISE		MAX.80°C

**OSMTEC**<sup>®</sup>  
Stepper Motor Specialists



mm			
UNITS	DRN	LDJ	1.15.2026
3:2	APVD	ZPJ	1.20.2026
SCALE	SIGNATURE		DATE

**LINEAR STEPPER MOTOR**

**11E13S1004GD4-150RS-OE1K**