

PULLEY SPECIFICATIONS		
MODULE	m	0.5
NUMBER OF TEETH	Z	10
PITCH DIAMETER	d	Ø5
OUTSIDE DIAMETER	da	Ø6
PRESSURE ANGLE	α	20°
MATERIAL		H59

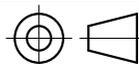
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

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

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

WINDING			CONNECTION		SPECIFICATION		BIPOLAR	
			AMPS/PHASE		1.00			
			RESISTANCE/PHASE(Ohms)@25°C		3.90±10%			
			INDUCTANCE/PHASE(mH)@1KHz		2.00±20%			
			HOLDING TORQUE(Nm)[lb-in]		0.09[0.80]			
			STEP ANGLE(°)		0.90			
			STEP ACCURACY(NON-ACCUM)		±5.00%			
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm²)		6.00			
1	A+	RED	WEIGHT(Kg)[lb]		—			
2	A-	GRN	AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]			
3	B+	BLK	INSULATION CLASS		B 130°C[266°F]			
4	B-	BLU	TEMPERATURE RISE		MAX.80°C			

OSMTEC®
 Stepper Motor Specialists



mm

UNITS

3:2

SCALE

DRN

APVD

SIGNATURE

YSX

LJ

DATE

1.12.2026

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STEPPER MOTOR

14HR07-1004VRN