



STEPPERONLINE 8HS11-0204S Nema Bipolar Smallest Stepper Motor User Guide

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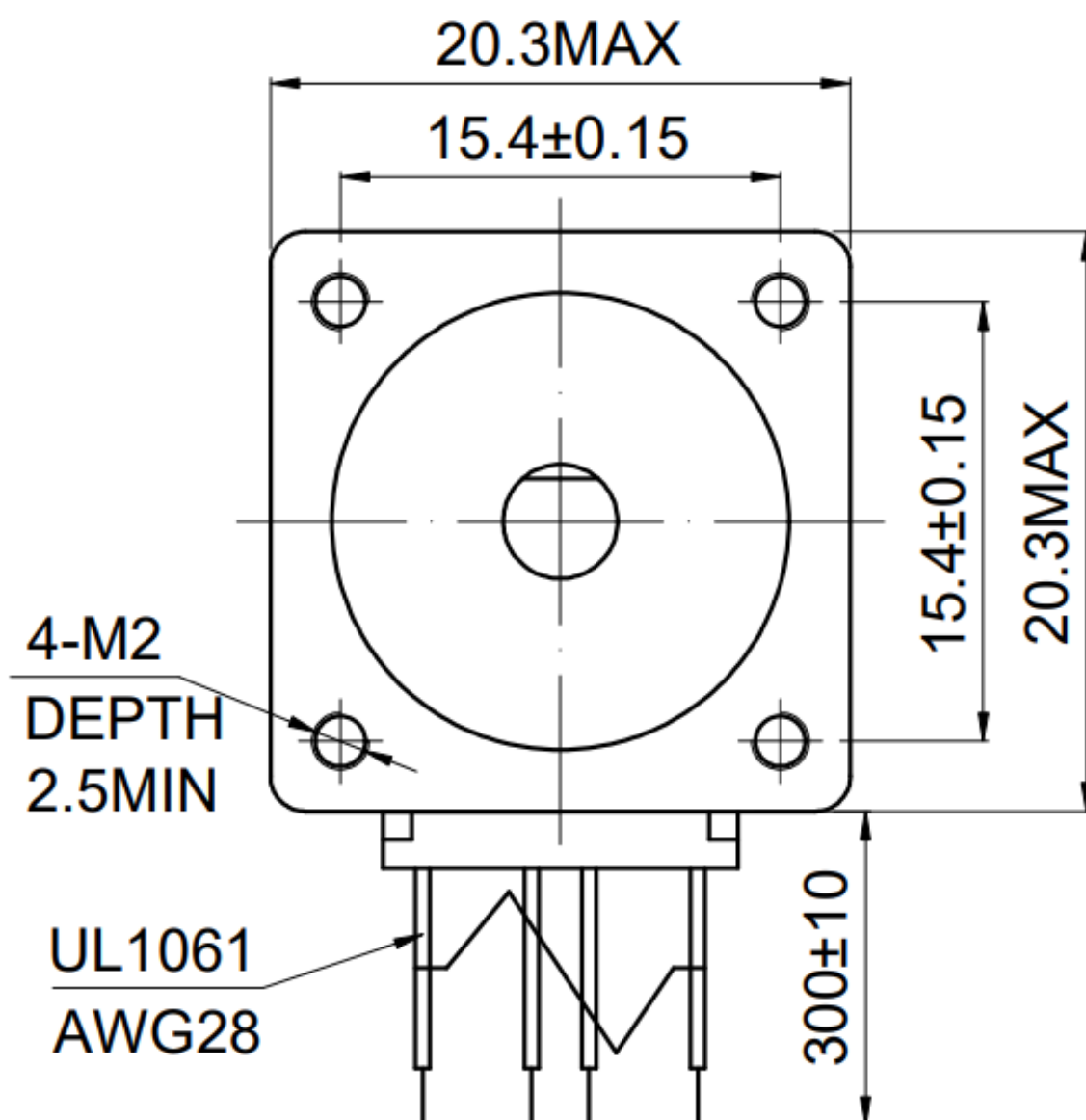
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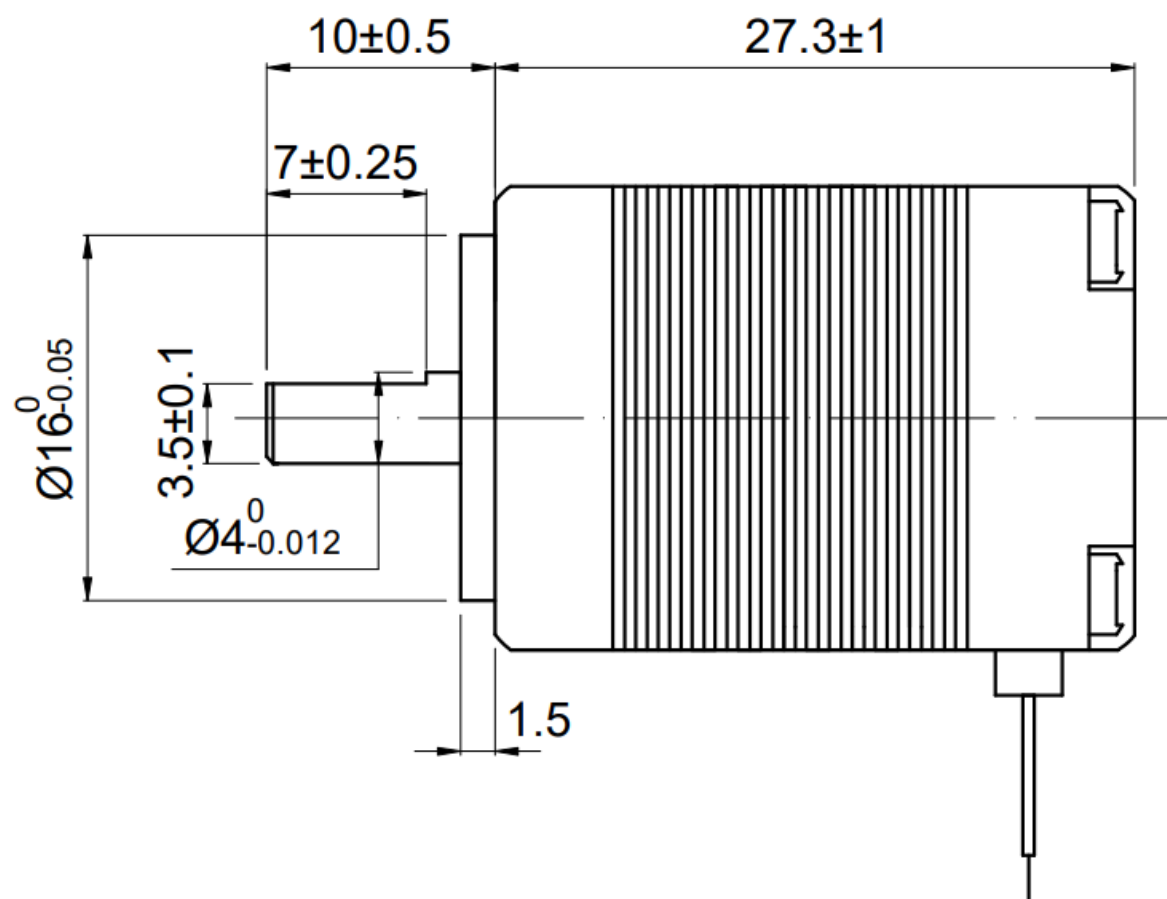


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Dimension





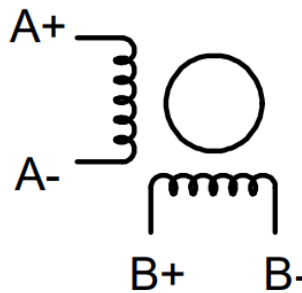
SPECIFICATION

SPECIFICATION CONNECTION	BIPOLAR
AMPS/PHASE	0.
RESISTANCE/PHASE(Ohms)@25°C	24.00±10%
INDUCTANCE/PHASE(mH)@1KHz	8.00±20%
HOLDING TORQUE(Nm)[lb-in]	0.014[0.12]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm ²)	2.50
WEIGHT(Kg)[lb]	—
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

COMMENT:

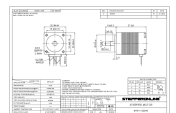
1. DYNAMIC AXIAL LOAD: 10N MAX
2. DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 21N MAX
3. TMBF 6000h OR MORE @ 24V/300RPM
4. INSULATION RESISTANCE
(NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm
5. DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)

FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)							DIMENSIONS ARE IN MILLIMETERS. TOLERANCES AS BELOW		
STEP	A+	B+	A-	B-	 CW	 CCW	DECIMALS	ANGLES	
1	+	+	-	-			X ±0.5	±2	
2	-	+	+	-			X.X ±0.2		
3	-	-	+	+			.XX ±0.1		
4	+	-	-	+					
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							DRN	LDJ	7.26.2023
							APVD	ZPJ	7.26.2023

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

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Documents / Resources

	STEPPERONLINE 8HS11-0204S Nema Bipolar Smallest Stepper Motor [pdf] User Guide 8HS11-0204S Nema Bipolar Smallest Stepper Motor, 8HS11-0204S, Nema Bipolar Smallest Stepper Motor, Bipolar Smallest Stepper Motor, Smallest Stepper Motor, Stepper Motor, Motor
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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