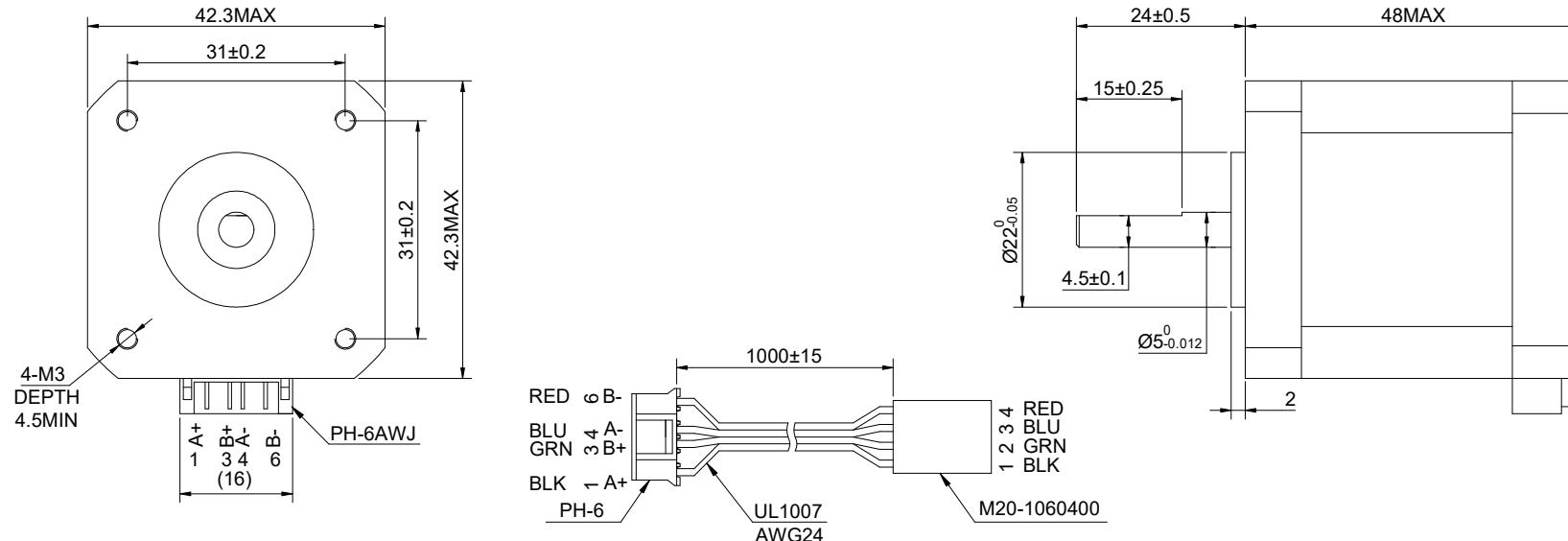


CUSTOMER'S MODEL: NO MODEL
END COVER COLOR: BLACK

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	7.30.2025



COMMENT:

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

SPECIFICATION \ CONNECTION	BIPOLAR
AMPS/PHASE	2.00
RESISTANCE/PHASE(Ohms)@25°C	1.30±10%
INDUCTANCE/PHASE(mH)@1KHz	2.40±20%
HOLDING TORQUE(Nm)[lb-in]	0.55[4.87]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	62.00
WEIGHT(Kg)[lb]	0.27[0.595]
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C

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

THIS DOCUMENT SHALL NOT BE REPRODUCED
NOR SHALL THE INFORMATION CONTAINED
HEREIN BE USED BY OR DISCLOSED TO
OTHERS UNLESS EXPRESSLY AUTHORIZED IN
BY WRITING STEPPERONLINE.



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

STEPPERONLINE®

STEPPER MOTOR

17HE19-2004S

REV.	0	SCALE	1:1	DWG NO.	A0492
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