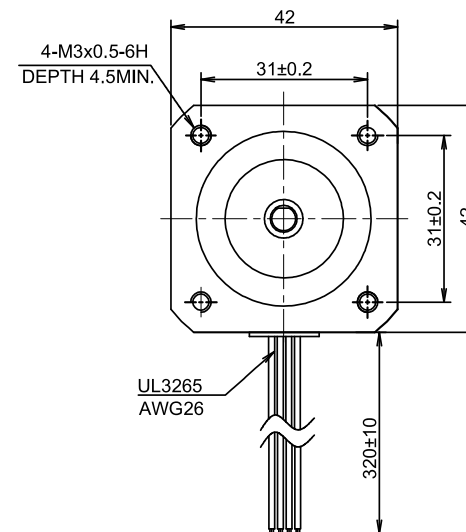
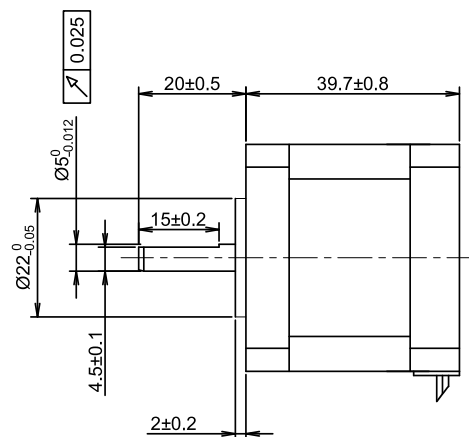
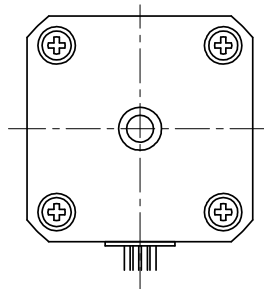
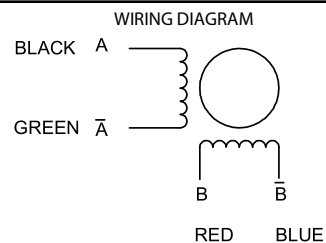


RoHS



MOTOR SPECIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	1.20 Amps/Ph
HOLDING TORQUE	0.35 Nm Min.
RESISTANCE	2.80 ohm ±10% at 25°C
INDUCTANCE	4.20 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	60 g.cm ²
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
IP CODE	IP20
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	280 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	10 N
SHAFT RADIAL LOAD	21 N (ON FRONT SHAFT END)

EXCITING SEQUENCE(TWO PHASES)
VS.DIRECTION OF ROTATION

STEP	A	B	$\bar{A}$	$\bar{B}$
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+



CLOCK WISE VIEW FROM MOUNTING SIDE

SM17HE16012M401

Stepping Motor Specification

GUNDA
AutomationStockäcker Str.10, 88281 Schlier, Germany
www.gunda-automation.de
0049 7529 9979 000UNIT: mm
UNLESS OTHERWISE SPECIFIED TOLERANCES
DIMENSIONS : ±0.3 mm DEGREES : ±5%

REV

00a - First release.

DESIGN	Stm02135-01a
CHECK	
APPROVED	
DATE	24 / 09 / 2020