

SPECIFICATIONS:

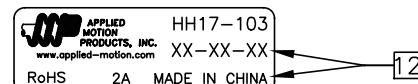
NUMBER OF PHASES: 2	ROTOR INERTIA: 82 g·cm ² (0.45 oz-in ²) NOM
STEPS PER REVOLUTION: 200	INSULATION CLASS: B
STEP ANGLE: 1.8°	TEMP. RISE: 80 °C MAX.
STEP TO STEP ACCURACY: ±0.09°	OPERATING TEMP. RANGE: -20 TO +50 °C
POSITIONAL ACCURACY: ± 5 %	STORAGE TEMP. RANGE: -30 TO +70 °C
AXIAL MOVEMENT: 0.1mm MAX (100N AXIAL FORCE)	RELATIVE HUMIDITY RANGE: 15 TO 85 %
BEARING SIZE: 19*10*5 mm	WEIGHT: 0.36 kg (0.79 lb)
SHAFT MATERIAL: SUS303	

HH17-103

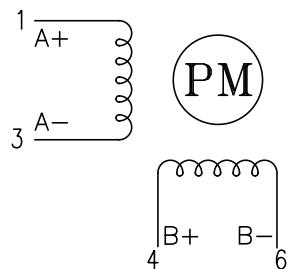
NOTES, UNLESS OTHERWISE SPECIFIED:

- 1 MEASUREMENTS MADE AT RATED CURRENT IN EACH PHASE.
- 2 BETWEEN ANY TWO ADJACENT FULL STEP POSITIONS.
- 3 MAXIMUM ERROR IN 360°.
- 4 HIPOT 500 VAC, 60 Hz FOR ONE MINUTE.
- 5 CONNECTOR: JSTS6B-PH-K(LF)(SN)
- 6 INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
- 7 AS MEASURED ACROSS EACH PHASE.
- 8 AS MEASURED ACROSS EACH PHASE USING AN A.C. INDUCTANCE BRIDGE AT 1 KHz.
- 9 AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED CURRENT APPLIED TO 2 PHASES; WITH MOTOR AT REST.
- 10 ROTOR & STATOR LAMINATED CONSTRUCTION.
- 11 THIS MOTOR IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EU RoHS DIRECTIVE.
- 12 MOTOR LABEL TO INCLUDE "ROHS" COMPLIANT, AMP P/N, 'MADE IN (COUNTRY OF ORIGIN)', AND DATE CODE.
- 13 HIGH TORQUE MOTOR DESIGN.

LABFI DFTAI

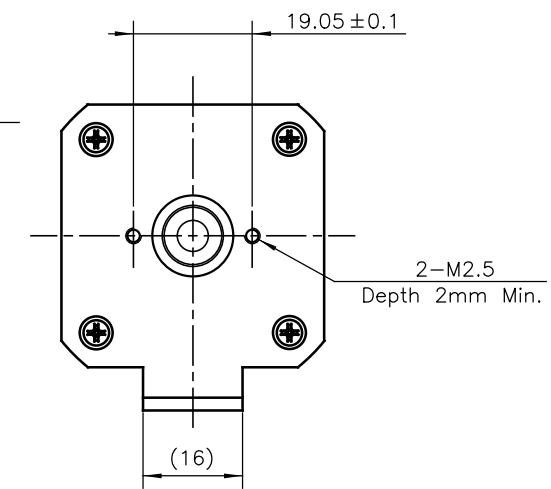
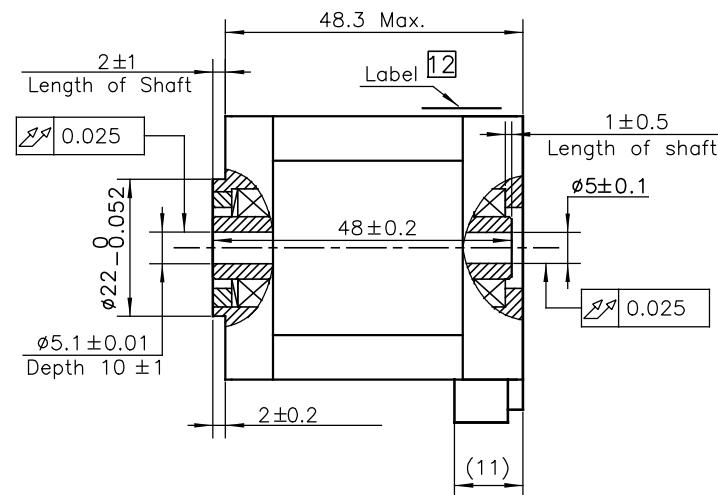
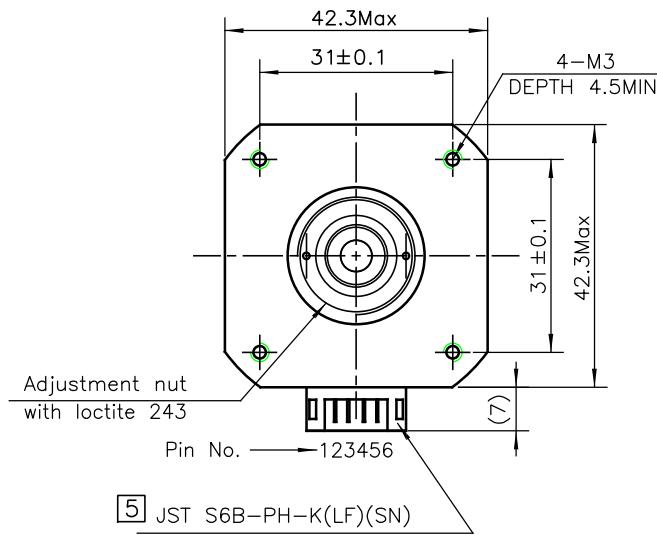


PHASE DETAIL



STEP	A+	A-	B+	B-
0	+	-	+	-
1	-	+	+	-
2	-	+	-	+
3	+	-	-	+
4	+	-	+	-

CONTRACT NO. —		 APPLIED MOTION PRODUCTS, INC.			
APPROVALS	DATE	STEP MOTOR OUTLINE			
DRAWN K.KESLER	10/31/19				
CHECKED R.JONEZ	10/31/19	B	COMPUTER DATA BASE DRAWING	DWG NO. HH17-103	REV C
APPROVED J.KORDIK	10/31/19				
APPROVED —	—	SCALE: NONE		SHEET 1 OF 2	



*ALL DIMENSIONS IN MM

TOLERANCES		THIRD ANGLE PROJECTION		APPROVALS		DATE
DECIMALS: MM						
X.XX = ±0.13						
X.X = ±0.25						
X = ±0.5						
ANGLES:						
MACH. = ±0.5°						
CHAM. = ±5°						
COMPUTER DATA						
BASE DRAWING						
APPROVED						

APPLIED MOTION PRODUCTS, INC.

STEP MOTOR OUTLINE

B DWG NO. HH17-103 REV C

SCALE: NONE SHEET 2 OF 2