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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Applied Motion Products 5023-308* at our website: ***Click HERE***

SPECIFICATIONS:

STEPS PER REVOLUTION: 200	ROTOR INERTIA: 110 G-CM ^{2} (0.60 OZ-IN^2) REF
STEP ANGLE: 1.8°	HOLDING TORQUE: 3.8 KG-CM (53 OZ-IN) MIN [1]
STEP TO STEP ACCURACY: ±5 % [1], [2]	DETENT TORQUE: 90 G-CM (1.25 OZ-IN) MIN
POSITIONAL ACCURACY: ±10 % [1], [3]	
HYSTERESIS: %	INSULATION CLASS: B
WINDING RESISTANCE: 5.1 OHM ±10% AT 25° [7]	BEARINGS: ABEC 3, DOUBLE SHIELDED
WINDING INDUCTANCE: 10 mH ± 20% [8]	MAX CASE TEMP.: 100°C
PHASE VOLTAGE: 5.1 VDC	TEMP. RISE: 80 °C MAX. [9]
PHASE CURRENT: 1.0 AMP (RATED)	OPERATING TEMP. RANGE: -20 TO 50 °C
	STORAGE TEMP. RANGE: -40 TO 70 °C
SHAFT RUNOUT: .025 T.I.R.	RELATIVE HUMIDITY RANGE: 5 TO 95 %
RADIAL PLAY: .025 MAX WITH .45KG RADIAL LOAD.	WEIGHT: 560 G (20 OZ) REF
END PLAY: .025 MAX WITH 4.1KG AXIAL LOAD.	
MAX OVERHANG LOAD: 6.8 KG	
MAX THRUST LOAD: 11.32 KG	

5023-308

REVISIONS

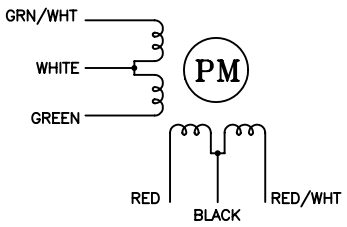
ECO NO.	REV	DESCRIPTION	DATE	APPROVED
4066	A	INITIAL RELEASE	10/22/97	K. Kordik
4150	B	CHG MOTOR L'NTH,WAS:75.2		

NOTES, UNLESS OTHERWISE SPECIFIED:

[1] MEASURMENTS MADE AT RATED CURRENT IN EACH PHASE.
[2] BETWEEN ANY TWO ADJACENT STEP POSITIONS.
[3] MAXIMUM ERROR IN 360°.
4. HIPOT 500 VAC, 60 Hz FOR ONE MINUTE.
5. LEADS: 6 ,AWG 22,7 STRAND MIN.,UL AND CSA APPROVED, UL 1430.
6. INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
[7] AS MEASURED ACROSS ANY WINDING.
[8] AS MEASURED ACROSS ANY WINDING USING AN A.C. INDUCTANCE BRIDGE, AT 1KHz.
[9] AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED VOLTAGE APPLIED TO 2 PHASES; WITH MOTOR AT REST.
10. LAMINATION MATERIAL: 0.5mm thk, SEE AMP STD SPEC #1500-062.
11. 4023-819 MOTOR WINDING.

SWITCHING SEQUENCE FOR CW ROTATION
FACING MOUNTING END

STEP	RED	RED/WHT	GREEN	GRN/WHT
0	ON	OFF	ON	OFF
1	OFF	ON	ON	OFF
2	OFF	ON	OFF	ON
3	ON	OFF	OFF	ON
4	ON	OFF	ON	OFF



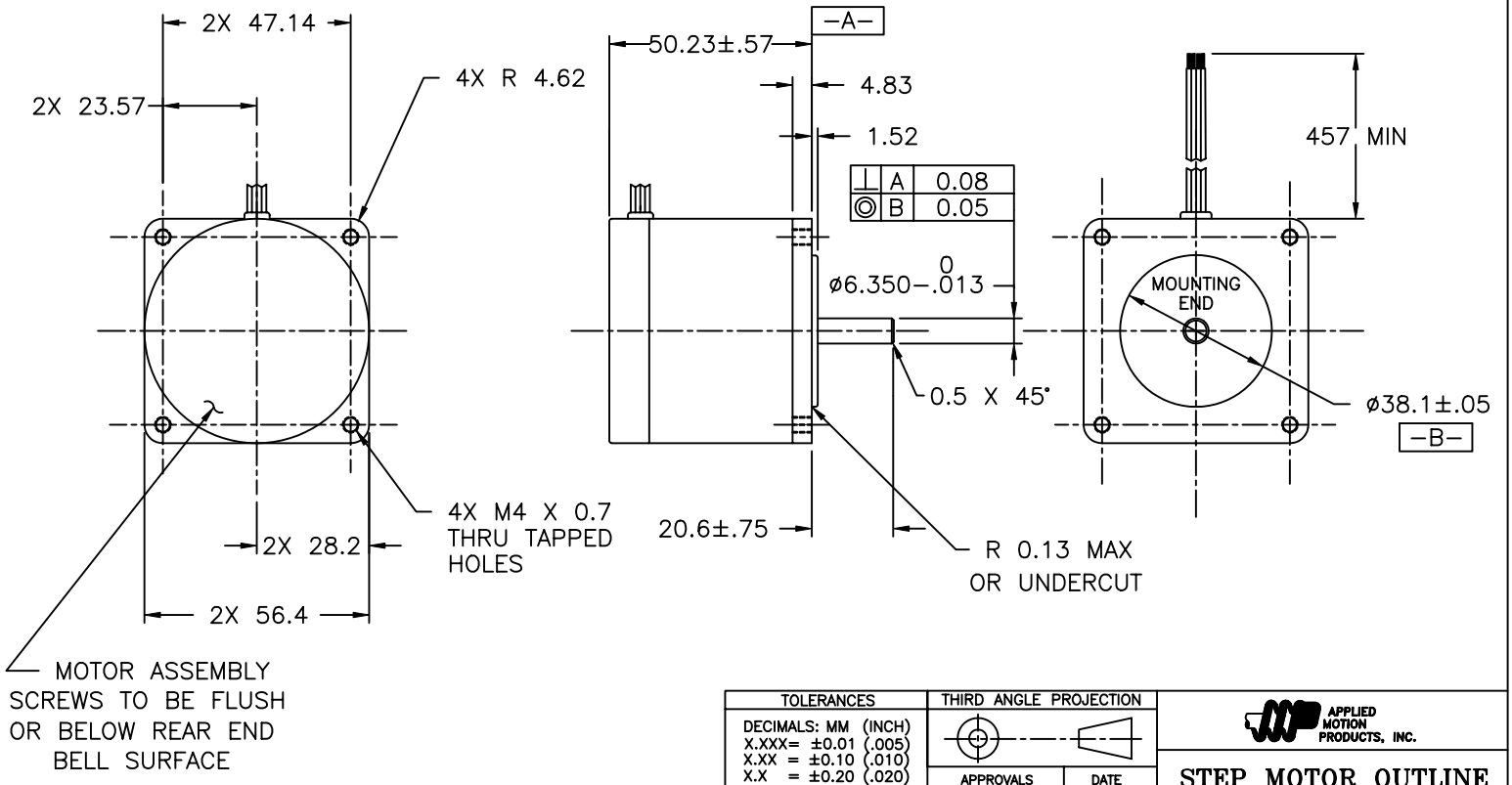
CONTRACT NO. /	JPM
APPROVALS	DATE
DRAWN R. BARRICK	10/22/97
CHECKED B. Corser	10/22/97
APPROVED K. Kordik	10/22/97
APPROVED	

APPLIED MOTION PRODUCTS, INC.

STEP MOTOR OUTLINE

B	COMPUTER DATA BASE DRAWING	DWG NO. 5023-308	REV B

SCALE: FULL | SHEET 1 OF 2



TOLERANCES	THIRD ANGLE PROJECTION
DECIMALS: MM (INCH) X.XXX= ±0.01 (.005) X.XX = ±0.10 (.010) X.X = ±0.20 (.020) ANGLES: MACH. = ±.5° CHAM. = ±5°	

APPROVALS	DATE
DRAWN R. BARRICK	10/22/97
CHECKED B. Corser	10/22/97
APPROVED K. Kordik	10/22/97

APPLIED MOTION PRODUCTS, INC.

STEP MOTOR OUTLINE

B	COMPUTER DATA BASE DRAWING	DWG NO. 5023-308	REV B

SCALE: FULL | SHEET 2 OF 2

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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