SPECIFICATIONS:				
STEPS PER REVOLUTION: 200	ROTOR INERTIA: 460 G-CM ² (2.51 OZ-IN ²) NOM			
STEP ANGLE: 1.8*	DETENT TORQUE: 714 G-CM (9.91 OZ-IN) MIN			
STEP TO STEP ACCURACY: ±5 % 1,2	INSULATION CLASS: B			
POSITIONAL ACCURACY: ±5 % 1,3	BEARINGS: ABEC 3, DOUBLE SHIELDED			
HYSTERESIS: - %	WEIGHT: 1.0 KG (2.2 LB)			
SHAFT RUNOUT: 0.05 T.I.R.	TEMP. RISE: 80 °C MAX.			
RADIAL PLAY: 0.02 MAX W/A .5KG RADIAL LOAD	OPERATING TEMP. RANGE: -20 TO +50 °C			
END PLAY: 0.08 MAX W/A .5KG AXIAL LOAD	STORAGE TEMP. RANGE: -30 TO +70 °C			
	RELATIVE HUMIDITY RANGE: 15 TO 85 %			

ECO NO.	REV	DESCRIPTION	DATE	APPROVED
5976	Α	INITIAL RELEASE	8/28/09	J KORDIK
6090	В	STANDARDIZE ENCODER HOLES	3/11/10	J KORDIK

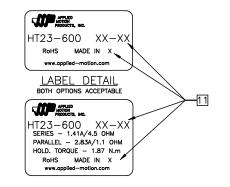
HT23-600

REVISIONS

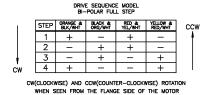
			\Box				
SPECIFICATION	NUMBER	RESISTANCE	INDUCTANCE	RATED	RATED	HOLDING]
	OF	PER PHASE	PER PHASE	CURRENT	VOLTAGE	TORQUE	
CONNECTION	PHASE	OHM ±10%	mH ±20%	Amp	V	N.m Min	1
BI-POLAR SERIES	2	4.5	15.6	1.41	6.4	1.87	
BI-POLAR PARALLEL	2	1.1	3.9	2.83	3.2	1.87	1
UNI-POLAR	4	2.3	3.9	2.00	4.6	1.32	1

NOTES, UNLESS OTHERWISE SPECIFIED:

- 1 MEASUREMENTS 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: 8, 22AWG, 7 STRAND MIN.,UL AND CSA APPROVED, UL 3265, UL1430.
 6. INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
- 7 AS MEASURED USING AN A.C. INDUCTANCE BRIDGE, AT 1KHz.
- 8 AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED VOLTAGE APPLIED TO 2 PHASES; WITH MOTOR AT REST.
- 9 SHAFT OPTION: ADD "D" TO END OF PART NUMBER ONLY IF DOUBLE SHAFT REQUIRED. DOUBLE SHAFT REQUIRES ADDED HOLES FOR ENCODER OPTIONS.
- 10. THIS MOTOR TO BE MANUFACTURED IN COMPLIANCE WITH EU DIRECTIVE "ROHS 2002/95/EC".
- MOTOR LABEL TO INCLUDE "ROHS" COMPLIANT, 'MADE IN (COUNTRY OF ORIGIN)' AND DATE CODE.



WIRING DIAGRAM	
ORANGE-	
ORG/WHT BLK/WHT BLACK	
RED/WHT YEL/WHT	



CONTRACT NO.	APPLIED MOTION PRODUCTS, INC.						
APPROVALS DATE							
DRAWN R.JONEZ	STEP MOTOR OUTLINE						
CHECKED		TO COMPUTER DATA DWG NO REV					
APPROVED		В	B COMPUTER DATE		DWG NO. HT23-600		ΪB
APPROVED		SCALE: NONE			SHEET 1 OF 2	•	

