SPECIFICATIONS:						REVISIONS		
STEPS PER REVOLUTION: 200 ROTOR INERTIA: 120 G-CM ² (0.660Z-IN ² STEP ANGLE: 1.8' HOLDING TORQUE: 4.32KG-CM (60 0Z-IN ²		90		ECO NO.	REV	DESCRIPTION	DATE	APPROVED
STEP TO STEP ACCURACY: ±5.5% 1,2 DETENT TORQUE: 540 G-CM (7.5 OZ-IN)	MIN	6-	-	2942 3161	A B	INITIAL RELEASE Add sht 2, CHG H.T. & D.T.	5-22-85 5-26-87	JK KK
POSITIONAL ACCURACY: ±5.5% [1], [3] DYNAMIC TORQUE: 3.02 KG-CM (42 OZ-IN) HYSTERESIS: % INSULATION CLASS: B	MIN [10]	23-		3193	С	Added detail A, SEE ECO	6-25-87	KK
WINDING RESISTANCE: 1.2 OHM ±10% AT 25 T BEARINGS: ABEC 3 , DOUBLE SHIELDED WINDING INDUCTANCE:1,25 mH ± 20% 8 WEIGHT: 510 G (18 OZ) TYP		0		3270 3337	D E	SEE ECO ADDED NOTE 14.	1-12-88	JD B.Forsyth
PHASE VOLTAGE: 2.76 VDC TEMP. RISE: 80 °C MAX.	9	2		3419	F	CHG TOL./ MOUNT'G HOLES	12-1-88	
PHASE CURRENT: 2.3 AMP (RATED) OPERATING TEMP. RANGE: -10 TO 40 'C STORAGE TEMP. RANGE: -40 TO 70 'C				4404	G	REDRAWN ON CAD		
SHAFT RUNOUT: 0.025 TIR RELATIVE HUMIDITY RANGE: 5 TO 95 % RADIAL PLAY: 0.025 MAX W/A .45KG RADIAL LOAD.			-	5235	н	ADD EU COMPLIANCE NOTES	09/01/05	R. Hazelwood
END PLAY: 0.05 MAX W/A .45 KG AXIAL LOAD. MAX THRUST LOAD: 11.3 KG (25 LB) DYNAMIC RADIAL LOAD: 7.3kg (16 Ib) APPLIED 25.4mm FROM FRONT BEARING AT SPEED OF 3.	300							
STEPS/SEC WITH NO DAMAGE TO BEARING.								
OFF WHEN THE CURRENT IN THE MOTOR COMMON LEAD REACHES 2.3 AMP. 12. NO-LOAD MOTOR LOSS TEST: TEST FOR NO-LOAD MOTOR LOSS SHALL BE MADE USING THE DRIVER CIRCUIT SHOWN AT RIGHT. THE D.C. CURRENT SUPPLIED BY THE 40V SUPPLY SHALL NOT EXCEED 1.0 AMP WHEN THE MOTOR IS OPERATED WITH NO LOAD ON THE OUTPUT SHAFT, AT ANY STEP RATE FROM 400 TO 3300 STEPS/SEC WITH THE CURRENT REFERENCE SET	1% A — — — — — — — — — — — — — — — — — — —	82K	+12	5.6K		1W 1N645	AND Q4) .047 .7 .7 .7 .8 .8 .8 .9 .9 .9 .9 .9 .9 .9	-+40V
FOR 2.3 AMPS PEAK IN THE MOTOR COMMON LEAD.				ALL RES	ISTOR	COM S 1/4 WATT, ±5% UNLESS OTHERWISE	NOTED.	
SWITCHING SEQUENCE FOR CW ROTATION FACING MOUNTING END Q1 BLACK ————————————————————————————————————		ГC	ONTRACT	NO		6660 Anni III		
STEP BLACK GREEN RED BLUE		ا ا		GN 01711-0		1 APPLIED MOTION PRODUCT		
0 ON OFF ON OFF Q2 GREEN 3 3 3 3 3 3 3 3 3		Di	APP	ROVALS	-	STEP MOTOR	OUTI	INF
2 OFF ON OFF ON			HECKED R	JK . Barrick				
3 ON OFF OFF ON Q3 RED WHITE BLUE Q	4	A	PPROVED			B BASE DRAWING DWG NO.	5023-	
4 ON OFF ON OFF Q3 RED WHITE BLUE Q			TROVED			SCALE: 1=1	SHEET 1 OF	2
NOTES, CONTINUED FROM SHEET 1: 13. ROTOR TO BE LAMINATED CONSTRUCTION TO MINIMIZE EXCITATION LOSSES. 14. ADD -1 TO DATE CODE FOR NEW WINDING. 15. BLIND END OF SHAFT MUST BE ACCESSABLE SO THAT SHAFT CAN BE SUPPORTED WHEN PRESSING ON PULLEY. 16. MARK SHIPPING CONTAINER WITH NUMBER 44A501711. 17. MARK MOTOR WITH CUSTOMER NUMBER 44A501711.	OR TO BE !	MANUFA CLUDE	CTURE "ROHS	D IN COI	MPLIA ANT.	NCE WITH EU DIRECTIVE "ROHS 201	02/95/EC".	
Ø59.40 MAX 5.0±0.5 17	96.		0 0.013 05 A	2X 5	6.4	BB 0±0.05 4X Ø	+0.50 95.0-0.25 2X 23	_
R0.05/0.20						NEF		
SHARP RO.05 MAX	TOLERA DECIMALS: M X.XXX = ±0 X.XX = ±0 ANGLES:	MM (INC 0.01 (.00 0.10 (.00 0.20 (.00	05) 10) 20)	APPRODRAWN	 VALS		APPLIED MOTION PRODUCTS, IN	
DETAIL A SCALE: 2=1	MACH. = ±. CHAM. = ±5	5°		R. BA	<i>rrich</i> (K	6-25-87 B DWG NO. 50	23-99	90 REV
33.12. 2	COMPUTER BASE DRAI			APPROVED		SCALE: FULL	SHEET 2	