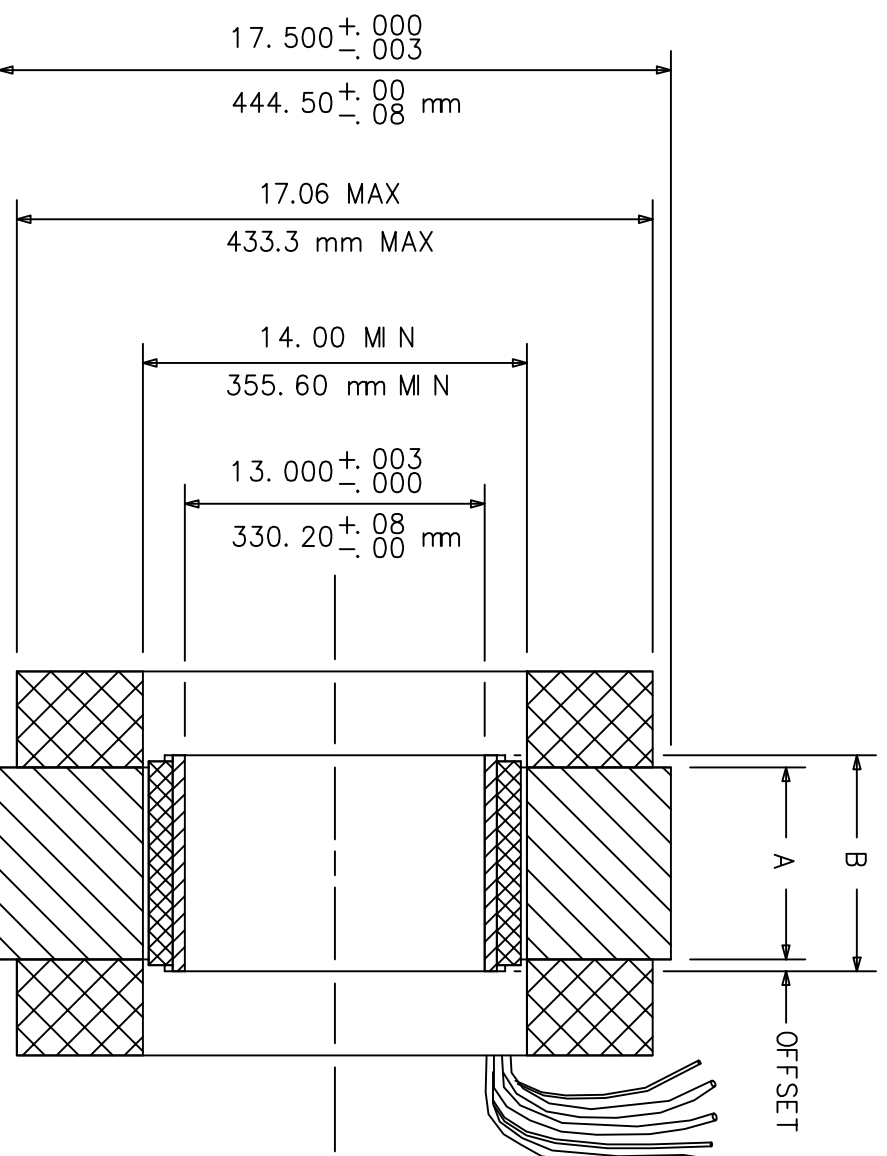


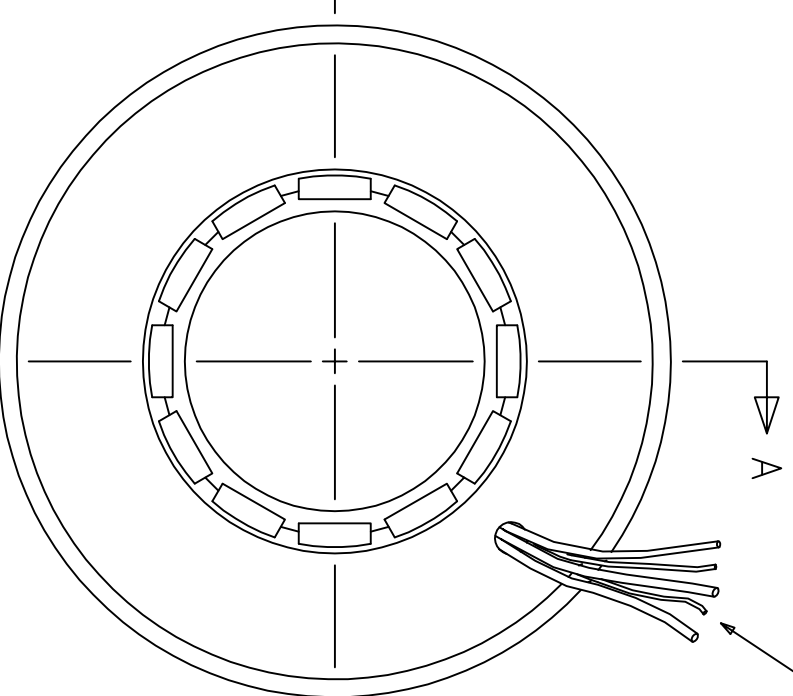
MODEL NUMBER	STACK LENGTH DI M. "A" $i n \pm .025$ $m m \pm 0.25$	ROTOR LENGTH DI M. "B" $i n \pm .005$ $m m \pm 0.13$
B44-13	0.500	12.70
B44-25	1.000	25.40
B44-38	1.500	38.10
B44-51	2.000	50.80
B44-64	2.500	63.50
B44-76	3.000	76.20
B44-89	3.500	88.90
B44-102	4.000	101.60
B44-114	4.500	114.30
B44-127	5.000	127.00
B44-140	5.500	139.70
B44-152	6.000	152.40
B44-165	6.500	165.10
B44-178	7.000	177.80
B44-191	7.500	190.50
B44-203	8.000	203.20
B44-216	8.500	215.90
B44-229	9.000	228.60
B44-241	9.500	241.30
B44-254	10.000	254.00
B44-267	10.500	266.70
B44-279	11.000	279.40
B44-292	11.500	292.10
B44-305	12.000	304.80

OFFSET SHOULD EQUAL (B-A)/2 ± 0.025 in
 ROTOR SHOULD BE MOUNTED CONCENTRIC TO WITHIN 0.004 WITH RESPECT TO STATOR OD
 MOTOR DIMENSIONS SHOWN APPLY ONLY IN A MACHINING OR TEST FIXTURE AND NOT IN THE FREE OR UNRESTRAINED STATE
 DETAILS OF MOTOR SHOWN ARE GENERIC ACTUAL MOTOR MAY DIFFER IN APPEARANCE

REV	DESCRIPTION	DATE	APPROVED
B	REDRAWN	5-13-91	NH
C	ECR #150	6-91	EEB
D	ADDED NEW CHART AND NOTES	6-91	EEB
E	ECR 2766, END TURN OD FROM 16.70	12/17	TRD



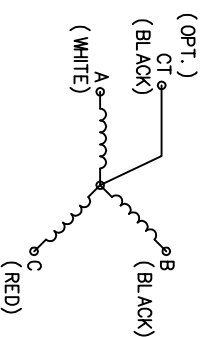
LEAD LENGTH 16 in MIN
 MOTOR WIRE GAUGE DETERMINED BY WINDING



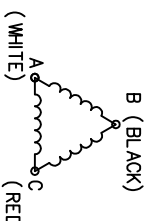
SECTION AA

LEAD SIDE

WYE CONFIGURATION



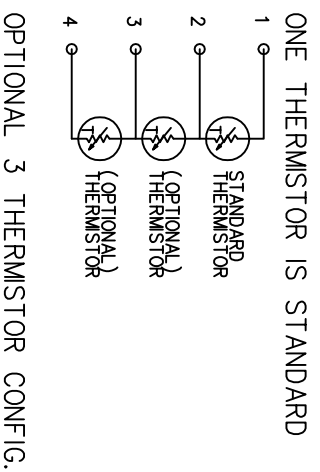
DELTA CONFIGURATION



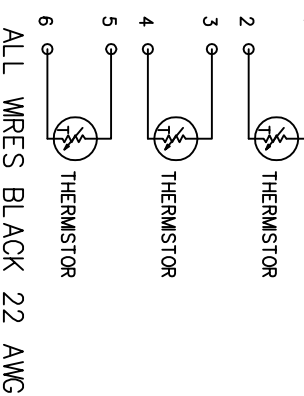
MOTOR ROTATION WILL BE IN THE CLOCKWISE DIRECTION AS VIEWED FROM THE LEAD SIDE WHEN ENERGIZED IN THE SEQUENCE WHITE-BLACK-RED

CONSULT FACTORY FOR SIX-LEAD CONFIGURATION

WHITE-BLACK-RED



OPTIONAL 3 THERMISTOR CONFIG.



ALL WIRES BLACK 22 AWG

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

FRACTIONS $\pm 1/64$ DECIMALS $.XX = \pm .01$ $.XXX = \pm .005$ ANGLES $\pm 1'$

MOTION CONTROL SYSTEMS, INC.
 Dublin, Virginia 24084
 FRAMELESS MOTOR PHYSICAL SPECIFICATION
 B44-XXX-38 VARNISHED WINDINGS
 (1.3.000 ID)

MATERIAL	FINISH	DO NOT SCALE DRAWING	SIZE	SCALE	NONE	DWG NO.	2007004	REV.	E	
			CHKD DATE	NH	5-13-91	DWG DATE	TD	5-13-91	SHEET	1 OF 1