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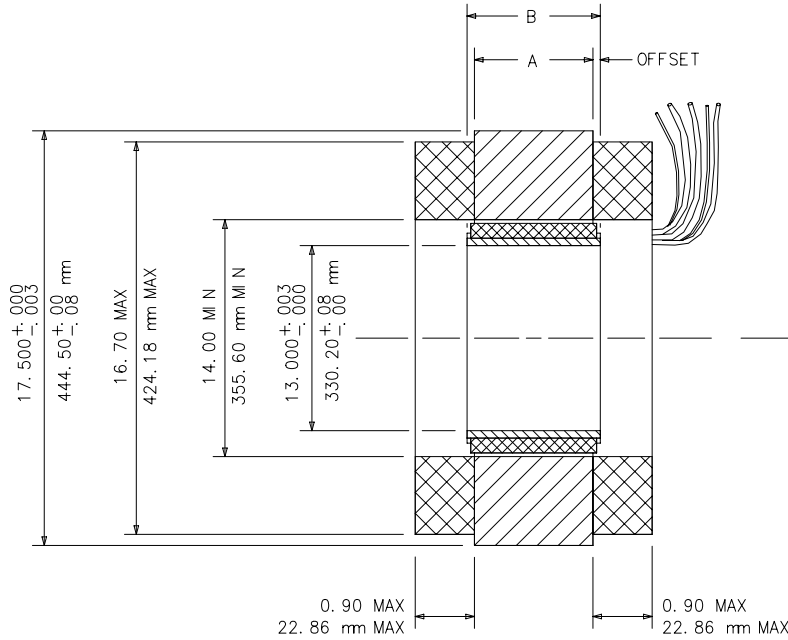
MODEL NUMBER	STACK LENGTH "A"		ROTOR LENGTH "B"	
	in $\pm .025$ $\pm .010$	mm $\pm 0.64$ $\pm 0.25$	in $\pm .005$ $\pm .000$	mm $\pm 0.13$ $\pm 0.00$
B44-13	0.500	12.70	0.505	12.83
B44-25	1.000	25.40	1.010	25.65
B44-38	1.500	38.10	1.515	38.48
B44-51	2.000	50.80	2.020	51.31
B44-64	2.500	63.50	2.525	64.14
B44-76	3.000	76.20	3.030	76.96
B44-89	3.500	88.90	3.535	89.79
B44-102	4.000	101.60	4.040	102.62
B44-114	4.500	114.30	4.545	115.44
B44-127	5.000	127.00	5.050	128.27
B44-140	5.500	139.70	5.555	141.10
B44-152	6.000	152.40	6.060	153.92
B44-165	6.500	165.10	6.565	166.75
B44-178	7.000	177.80	7.070	179.58
B44-191	7.500	190.50	7.575	192.41
B44-203	8.000	203.20	8.080	205.23
B44-216	8.500	215.90	8.585	218.06
B44-229	9.000	228.60	9.090	230.89
B44-241	9.500	241.30	9.595	243.71
B44-254	10.000	254.00	10.100	256.54
B44-267	10.500	266.70	10.605	269.37
B44-279	11.000	279.40	11.110	282.19
B44-292	11.500	292.10	11.615	295.02
B44-305	12.000	304.80	12.120	307.85

OFFSET SHOULD EQUAL (B-A)/2  $\pm 0.025$  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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REDRAWN	5-13-91	NH
C	ECR #150	6-91	EEB
D	ADDED NEW CHART AND NOTES		

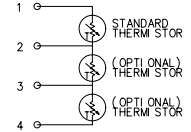


LEAD LENGTH 16 in MIN MOTOR WIRE GAUGE DETERMINED BY WINDING

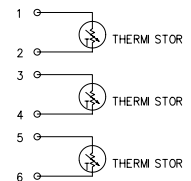
SECTION AA

LEAD SIDE

ONE THERMISTOR IS STANDARD

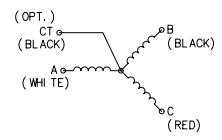


OPTIONAL 3 THERMISTOR CONFIG.

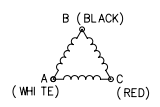


ALL WIRES BLACK 22 AWG

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		MOTION CONTROL SYSTEMS, INC. Dublin, Virginia 24084	
FRACTIONS r1/64	DECIMALS .XX = r.01 .XXX = r.005	ANGLES r10	FRAMELESS MOTOR PHYSICAL SPECIFICATIONS B44-XXX-38 VARNISHED WINDINGS (13.000 ID)
MATERIAL	SCALE B	DWG NO. 2007004	REV. D
FINISH	DO NOT SCALE DRAWING	CHKD DATE : NH 5-13-91	DWG DATE : TD 5-13-91 SHEET 1 OF 1

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