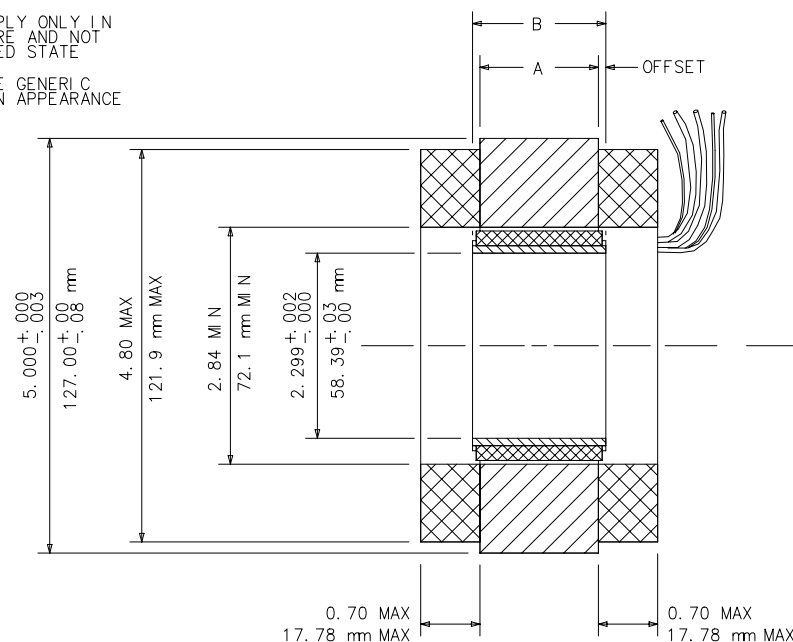


MODEL NUMBER	STACK LENGTH		ROTOR LENGTH	
	DI M. "A"	DI M. "B"	DI M. "A"	DI M. "B"
B13-13	0.500	12.70	0.505	12.83
B13-25	1.000	25.40	1.010	25.65
B13-38	1.500	38.10	1.515	38.48
B13-51	2.000	50.80	2.020	51.31
B13-64	2.500	63.50	2.525	64.14
B13-76	3.000	76.20	3.030	76.96
B13-89	3.500	88.90	3.535	89.79
B13-102	4.000	101.60	4.040	102.62
B13-114	4.500	114.30	4.545	115.44
B13-127	5.000	127.00	5.050	128.27
B13-140	5.500	139.70	5.555	141.10
B13-152	6.000	152.40	6.060	153.92

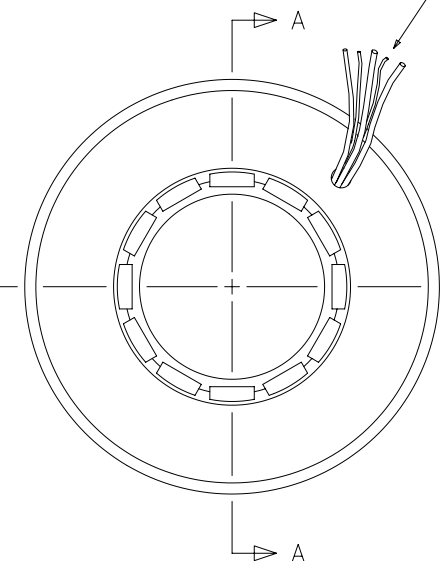
OFFSET SHOULD EQUAL $(B-A)/2 \pm 0.025$ in
 ROTOR SHOULD BE MOUNTED CONCENTRIC TO
 WITHIN 0.004 WITH RESPECT TO STATOR OD

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



LEAD LENGTH 16 in MIN
 MOTOR WIRE GAUGE
 DETERMINED BY WINDING



SECTION AA

LEAD SIDE

E	ADDED NEW CHART	7-22-95	EEB
D	REQ #129 CORRECTED mm TOLERANCE	12-22-92	EEB
C	ECR #150	6-91	EEB
B	REDRAWN DIM A	6-91	NH
A	REDRAWN	2-88	EEB
REV	DESCRIPTION	DATE	APPROVED

REVISIONS

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES.
 TOLERANCES ARE:

FRACTIONS DECIMALS ANGLES
 $\frac{R1}{64}$.XX = R.01
 .XXX = R.005

MATERIAL

FINISH

DO NOT SCALE DRAWING

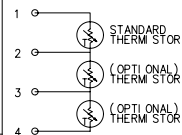


Motion Control Systems
 NEW RIVER, VIRGINIA 24129

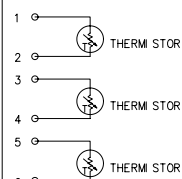
FRAMELESS MOTOR PHYSICAL SPECIFICATION
 B13-XXX-12 VARN WINDINGS (2.299 ID)

SIZE	SCALE	DWG NO.	REV.
B	NONE	W2005104	E
CHKD:	DATE:	DWG DATE: TD 6-4-91	SHEET 1 OF 1

ONE THERMISTOR IS STANDARD

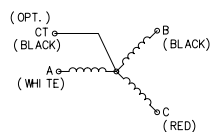


OPTIONAL 3 THERMISTOR CONFIG.



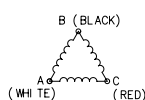
ALL WRES BLACK 22 AWG

WYE CONFIGURATION



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

DELTA CONFIGURATION



CONSULT FACTORY FOR
 SIX-LEAD CONFIGURATION