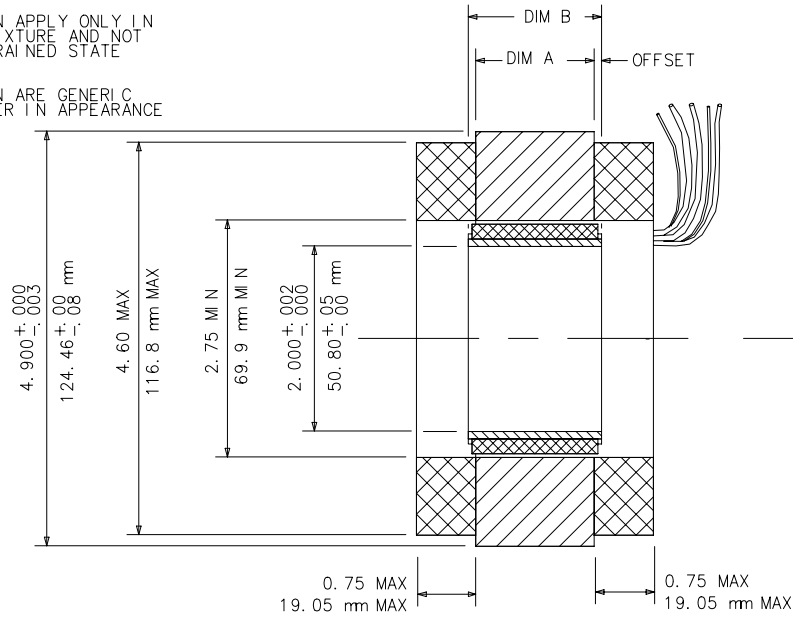


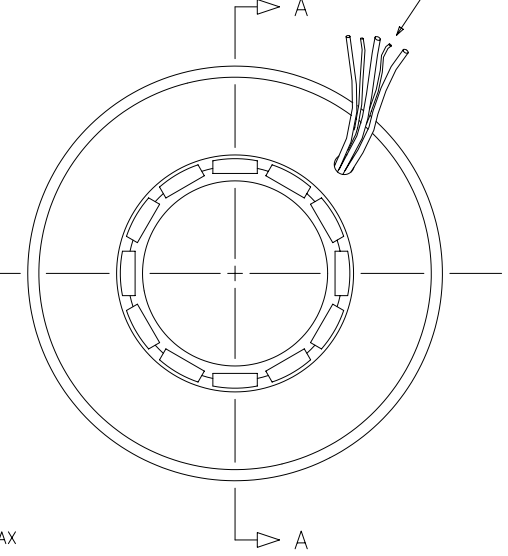
MODEL NUMBER	STACK LENGTH "A"		ROTOR LENGTH "B"	
	in ±.025 mm ±.64	in ±.010 mm ±.25	in ±.005 mm ±.13	in ±.005 mm ±.13
B12-13	0.500	12.70	0.505	12.83
B12-25	1.000	25.40	1.010	25.65
B12-38	1.500	38.10	1.515	38.48
B12-51	2.000	50.80	2.020	51.31
B12-64	2.500	63.50	2.525	64.14
B12-76	3.000	76.20	3.030	76.96
B12-89	3.500	88.90	3.535	89.79
B12-102	4.000	101.60	4.040	102.62
B12-114	4.500	114.30	4.545	115.44
B12-127	5.000	127.00	5.050	128.27
B12-140	5.500	139.70	5.555	141.10
B12-152	6.000	152.40	6.060	153.92

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



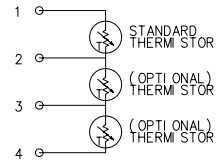
LEAD LENGTH 16 in MIN MOTOR WIRE GAUGE DETERMINED BY WINDING



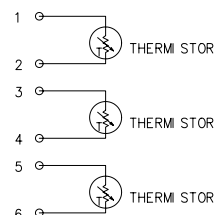
SECTION AA

LEAD SIDE

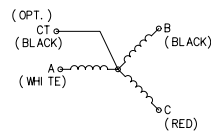
ONE THERMISTOR IS STANDARD



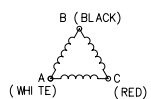
OPTIONAL 3 THERMISTOR CONFIG.



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

ALL WIRES BLACK 22 AWG

A	CORRECTED CHART AND NOTES		
REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		Motion Control Systems NEW RIVER, VIRGINIA 24129	
FRACTIONS R1/64	DECIMALS .XX = R.01 .XXX = R.005		
FRAMELESS MOTOR PHYSICAL SPECIFICATION B12-XXX VARNISHED WINDINGS (2.000 ID)		SIZE B	SCALE NONE
MATERIAL		DWG NO. W2015054	REV. A
FINISH		CHKD DATE: EEB 3-30-95	DWG DATE: TD 6-2-94
DO NOT SCALE DRAWING		SHEET	1 OF 1