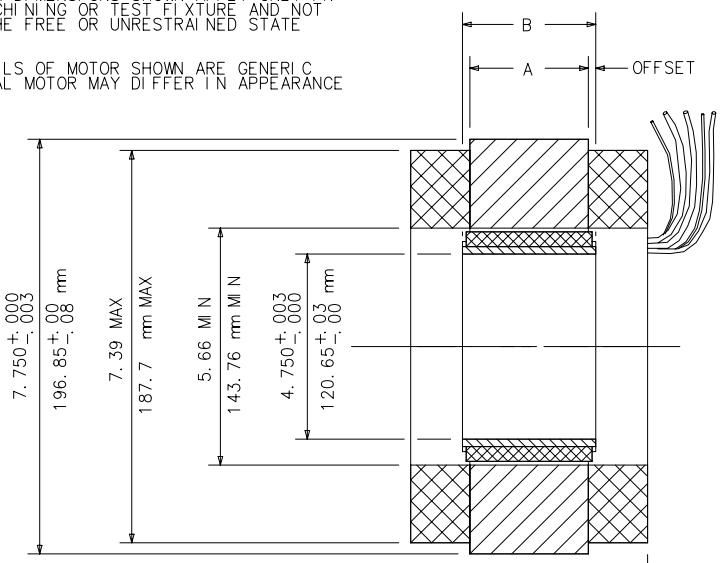
MODEL NUMBER	STACK LENGTH DIM. "A"		ROTOR LENGTH DIM. "B"	
	in $^{+.025}_{-.010}$	mm $^{+0.64}_{-0.25}$	in $^{+.005}_{-.000}$	mm $^{+0.13}_{-0.00}$
B20-13	0.500	12.70	0.505	12.83
B20-25	1.000	25.40	1.010	25.65
B20-38	1.500	38.10	1.515	38.48
B20-51	2.000	50.80	2.020	51.31
B20-64	2.500	63.50	2.525	64.14
B20-76	3.000	76.20	3.030	76.96
B20-89	3.500	88.90	3.535	89.79
B20-102	4.000	101.60	4.040	102.62
B20-114	4.500	114.30	4.545	115.44
B20-127	5.000	127.00	5.050	128.27
B20-140	5.500	139.70	5.555	141.10
B20-152	6.000	152.40	6.060	153.92
B20-165	6.500	165.10	6.565	166.75
B20-178	7.000	177.80	7.070	179.58
B20-191	7.500	190.50	7.575	192.41
B20-203	8.000	203.20	8.080	205.23
B20-216	8.500	215.90	8.585	218.06
B20-229	9.000	228.60	9.090	230.89
B20-241	9.500	241.30	9.595	243.71
B20-254	10.000	254.00	10.100	256.54

OFFSET SHOULD EQUAL (B-A)/2 ± .0.025 IN.
ROTOR SHOULD BE MOUNTED CONCENTRIC TO WITHIN 0.004 WITH RESPECT TO STATOR OD

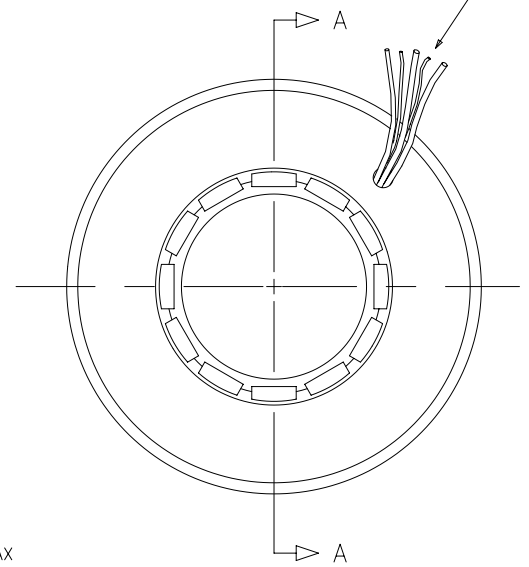
MOTOR DIMENSIONS SHOWN APPLY ONLY IN A MACHINING OR TEST FIXTURE AND NOT IN THE FREE OR UNRESTRAINED STATE

DETAILS OF MOTOR SHOWN ARE GENERIC ACTUAL MOTOR MAY DIFFER IN APPEARANCE



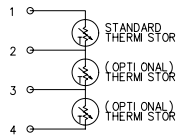
SECTION AA

LEAD LENGTH 16 in MIN
MOTOR WIRE GAUGE
DETERMINED BY WINDING

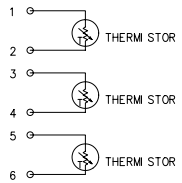


LEAD SIDE

ONE THERMISTOR IS STANDARD

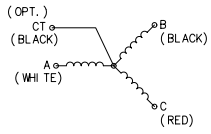


OPTIONAL 3 THERMISTOR CONFIG.

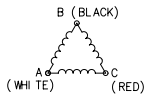


ALL WIRES BLACK 22 AWG

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

REV	DESCRIPTION	DATE	APPROVED

REVISIONS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

FRACTIONS ñ1/64 DECIMALS .XX = ñ.01 .XXX= ñ.005 ANGLES ñ1ø

MATERIAL

FINISH

DO NOT SCALE DRAWING

MOTION CONTROL SYSTEMS, INC.
Dublin, Virginia 24084

FRAMELESS MOTOR PHYSICAL SPECIFICATION
B20-XXX-16 VARNISHED WINDINGS (4.75 I.D.)

SIZE	SCALE	DWG NO.	REV.
B	NONE	W2013124	

CHKD DATE: 4-7-95 EEB

DWG DATE: LDB 12-15-94

SHEET 1 OF 1