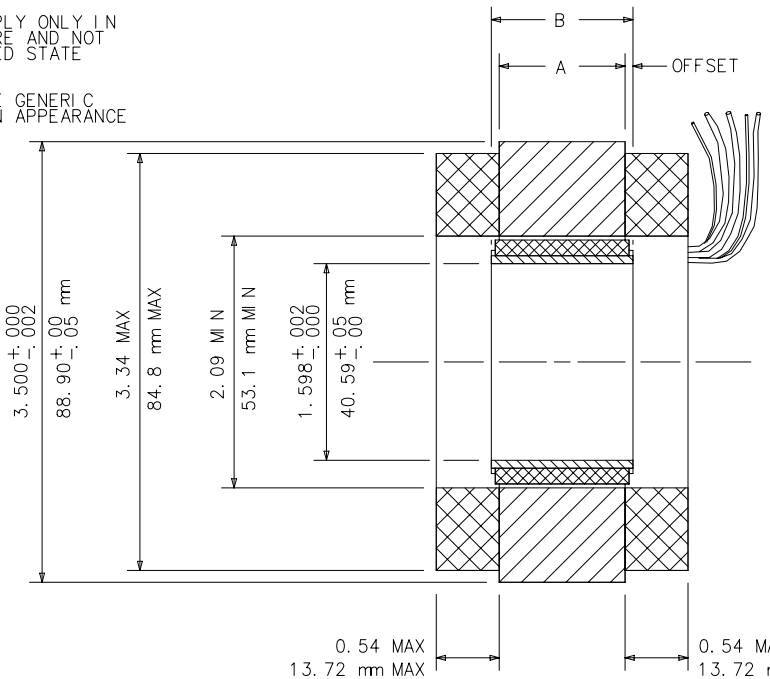
MODEL NUMBER	STACK LENGTH DIM. "A"		ROTOR LENGTH DIM. "B"	
	in $^{+.025}_{-.010}$	mm $^{+0.64}_{-0.25}$	in $^{+.005}_{-.000}$	mm $^{+0.13}_{-0.00}$
B09-13	0.500	12.70	0.505	12.83
B09-25	1.000	25.40	1.010	25.65
B09-38	1.500	38.10	1.515	38.48
B09-51	2.000	50.80	2.020	51.31
B09-64	2.500	63.50	2.525	64.14
B09-76	3.000	76.20	3.030	76.96
B09-89	3.500	88.90	3.535	89.79
B09-102	4.000	101.60	4.040	102.62
B09-114	4.500	114.30	4.545	115.44
B09-127	5.000	127.00	5.050	128.27

OFFSET SHOULD EQUAL (B-A)/2 ±0.025 in

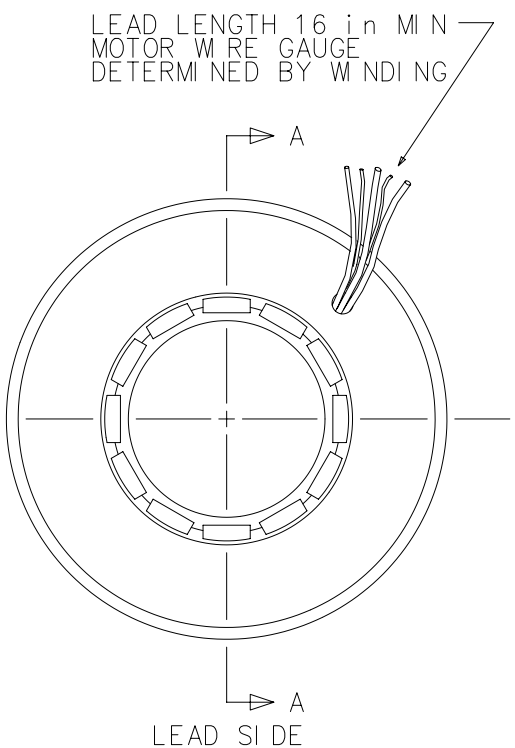
ROTOR SHOULD BE MOUNTED CONCENTRIC TO WITHIN 0.004 WITH RESPECT TO STATOR OD

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

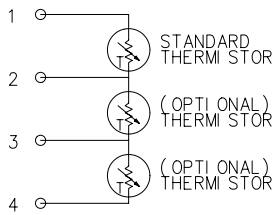
DETAILS OF MOTOR SHOWN ARE GENERIC ACTUAL MOTOR MAY DIFFER IN APPEARANCE



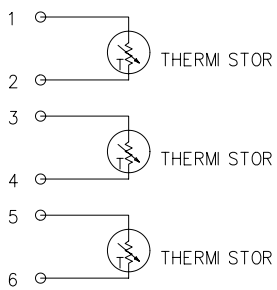
SECTION AA



ONE THERMISTOR IS STANDARD

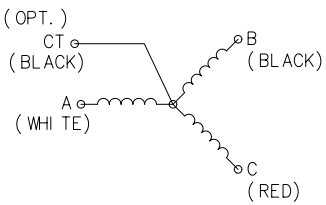


OPTIONAL 3 THERMISTOR CONFIG.

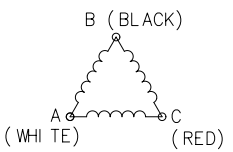


ALL WIRES BLACK 24 AWG

WYE CONFIGURATION



DELTA CONFIGURATION



NOTE: TOLERANCE FOR UNFLUIDIZED STACKS ARE $^{+.025}_{-.010}$ IN. $^{+0.64}_{-0.25}$ MM.

DO NOT SCALE DRAWING

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	APPR
H	NEW CHART		
G	REQ #204 CHGD LENGTH TOL.	3-17-93	KS
F	REQ #129 CORRECT METRIC TOLERANCE	12-23-92	NH
E	ECR 202 THRM AWG	9-17-91	EEB
D	REDRAWN	6-91	EEB

OMCS® MOTION CONTROL SYSTEMS
NEW RIVER, VIRGINIA 24129

FRAMELESS MOTOR PHYSICAL SPECIFICATION
B09-XXX-12 VARNISHED WINDINGS (1.5981 ID)

SIZE	SCALE	DWG NO.	REV.
B	NONE	W2004044	H

CHKD DATE:	DWG DATE:	SHEET
EEB 11-3-87	RUL 11-30-87	1 OF 1