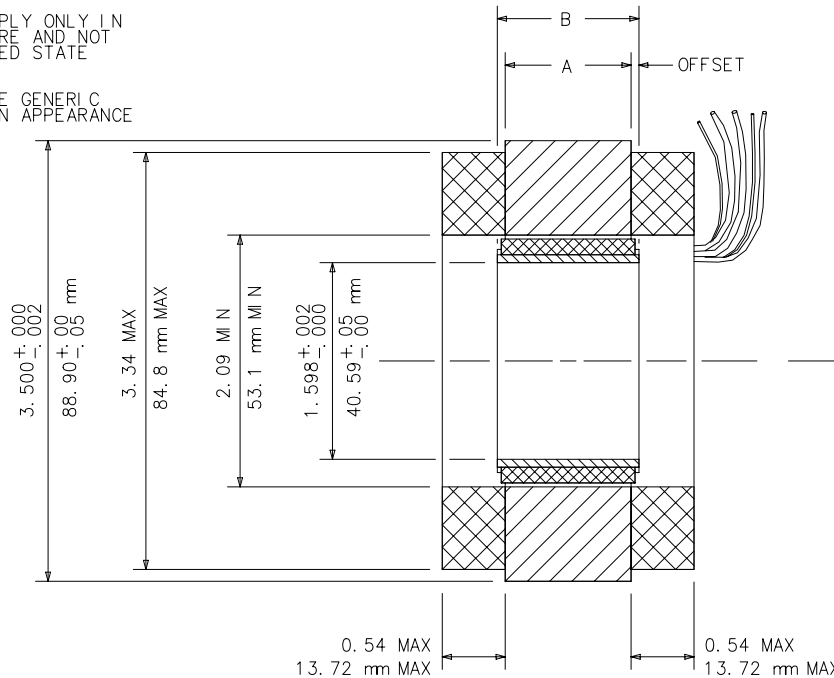


MODEL NUMBER	STACK LENGTH DI M. "A"		ROTOR LENGTH DI M. "B"	
	in ± 0.025	mm ± 0.64	in ± 0.005	mm ± 0.13
B09-13	0.500	12.70	0.505	12.83
B09-25	1.000	25.40	1.010	25.65
B09-38	1.500	38.10	1.515	38.48
B09-51	2.000	50.80	2.020	51.31
B09-64	2.500	63.50	2.525	64.14
B09-76	3.000	76.20	3.030	76.96
B09-89	3.500	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

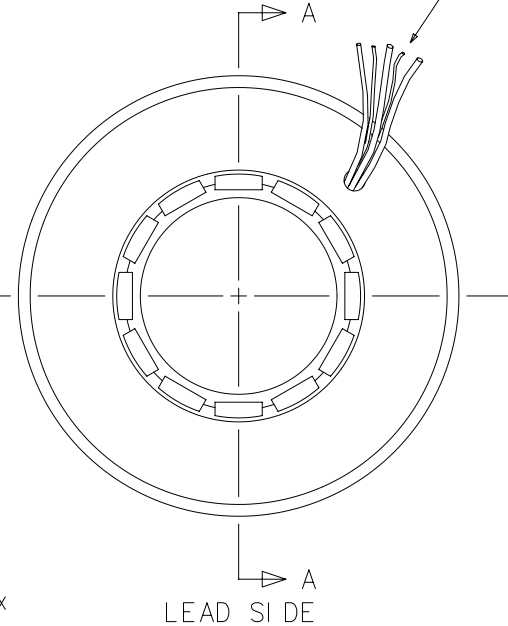
OFFSET SHOULD EQUAL (B-A)/2 ± 0.025 in
 ROTOR SHOULD BE MOUNTED CONCENTRIC TO
 WITHIN 0.004 WITH RESPECT TO STATOR OD

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

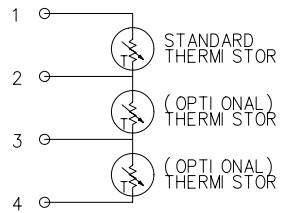
DETAILS OF MOTOR SHOWN ARE GENERIC
 ACTUAL MOTOR MAY DIFFER IN APPEARANCE



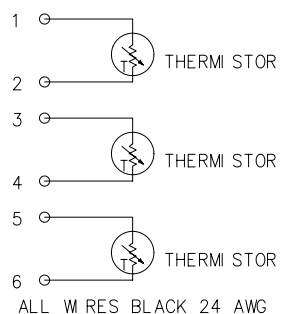
LEAD LENGTH 16 in MIN
 MOTOR WIRE GAUGE
 DETERMINED BY WINDING



ONE THERMISTOR IS STANDARD

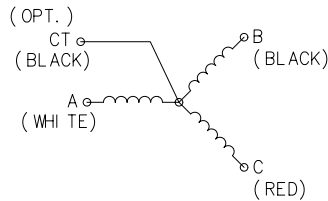


OPTIONAL 3 THERMISTOR CONFIG.

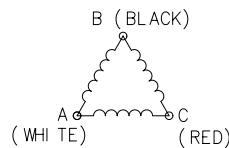


ALL WIRES BLACK 24 AWG

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

SECTION AA

NOTE: TOLERANCE FOR UNFLUIDIZED
 STACKS ARE ± 0.025 IN. ± 0.64 MM.

DO NOT
 SCALE DRAWING

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
REV	DESCRIPTION	DATE	APPR

OMCS MOTION CONTROL SYSTEMS
 NEW RIVER, VIRGINIA 24129

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

SIZE B	SCALE NONE	DWG NO. W2004044	REV. H
CHKD DATE: EEB 11-3-87		DWG DATE: RUL 11-30-87	SHEET 1 OF 1