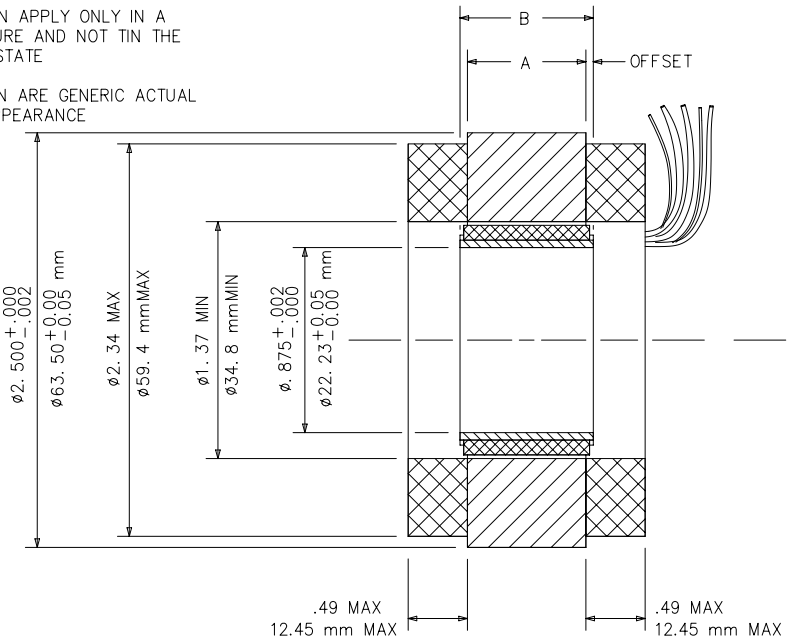
MODEL NUMBER	STACK LENGTH DIM. "A"		ROTOR LENGTH DIM. "B"	
	in $^{+.025}_{-.010}$	mm $^{+0.64}_{-0.25}$	in $^{+.005}_{-.000}$	mm $^{+0.13}_{-0.00}$
B06-06	0.250	6.35	0.255	6.48
B06-13	0.500	12.70	0.505	12.83
B06-25	1.000	25.40	1.010	25.65
B06-38	1.500	38.10	1.515	38.48
B06-51	2.000	50.80	2.020	51.31
B06-64	2.500	63.50	2.525	64.14
B06-76	3.000	76.20	3.030	76.96
B06-89	3.500	88.90	3.535	89.79
B06-102	4.000	101.60	4.040	102.62
B06-114	4.500	114.30	4.545	115.44
B06-127	5.000	127.00	5.050	128.27

OFFSET SHOULD EQUAL (B-A)/2±.025 IN

ROTOR SHOULD BE MOUNTED CONCENTRIC TO WITHIN .004 WITH RESPECT TO STATOR OD

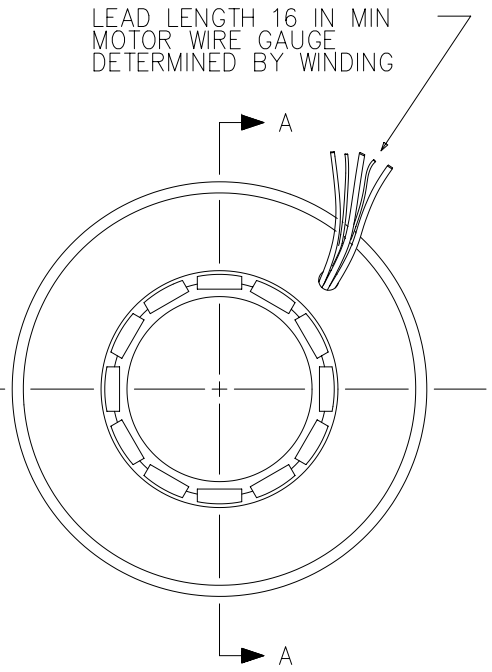
MOTOR DIMENSIONS SHOWN APPLY ONLY IN A MACHINING OR TEST FIXTURE AND NOT TIN THE FREE OR UNRESTRAINED STATE

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



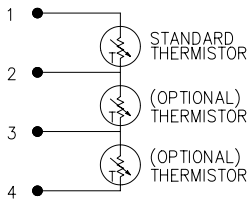
SECTION AA

LEAD LENGTH 16 IN MIN
MOTOR WIRE GAUGE
DETERMINED BY WINDING

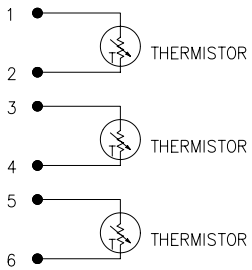


LEAD SIDE

ONE THERMISTOR IS STANDARD

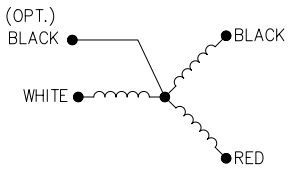


OPTIONAL 3 THERMISTOR CONFIG.

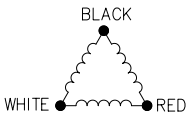


ALL WIRES BLACK 22 AWG

WYE CONFIGURATION



DELTA CONFIGURATION



MCS STANDARD MOTOR ROTATION IS IN THE CLOCKWISE DIRECTION AS VIEWED FROM THE LEAD SIDE WHEN ENERGIZED IN THE SEQUENCE WHITE – BLACK – RED. CONTACT MCS FOR OTHER CONFIGURATIONS.

CONSULT FACTORY FOR SIX-LEAD CONFIGURATION

DO NOT SCALE DRAWING

REV	DESCRIPTION	DATE	APPR
J	WIRING DIAGRAMS	2-23-01	RWD
H	CHANGED 24 AWG THERM. TO 22 AWG	12-16-99	TD
G	ADDED 06 LENGTH	11-8-96	EEB
F	ADDED NEW CHART	6-21-95	EEB
E	ECR 202 THRM AWG	9-17-91	EEB

MOTION CONTROL SYSTEMS
NEW RIVER, VIRGINIA 24129

FRAMELESS MOTOR PHYSICAL SPECIFICATION
B06-XXX-8 VARNISHED WINDINGS

SIZE	SCALE	DWG NO.	REV.
B	NONE	W2003024	J

CHKD DATE:	DWG DATE:	SHEET
EEB 9-11-91	TD 9-10-91	1 OF 1