

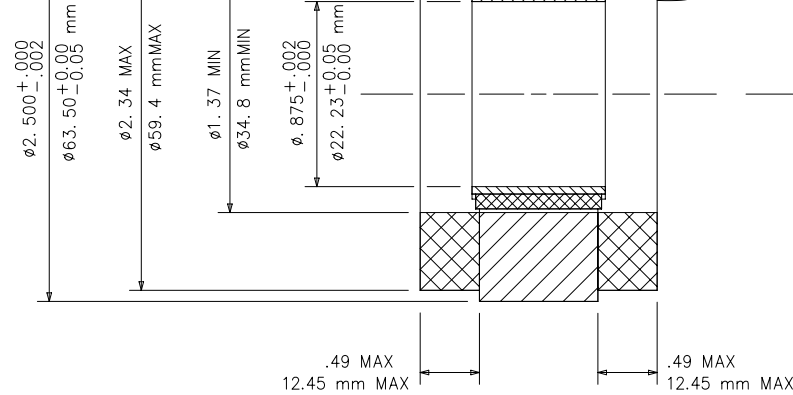
MODEL NUMBER	STACK LENGTH "A"		ROTOR LENGTH "B"	
	DI M. in $\pm .025$	DI M. mm $\pm 0.64$	DI M. in $\pm .005$	DI M. mm $\pm 0.13$
B06-06	0.250	6.35	0.255	6.48
B06-13	0.500	12.70	0.505	12.83
B06-25	1.000	25.40	1.010	25.65
B06-38	1.500	38.10	1.515	38.48
B06-51	2.000	50.80	2.020	51.31
B06-64	2.500	63.50	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

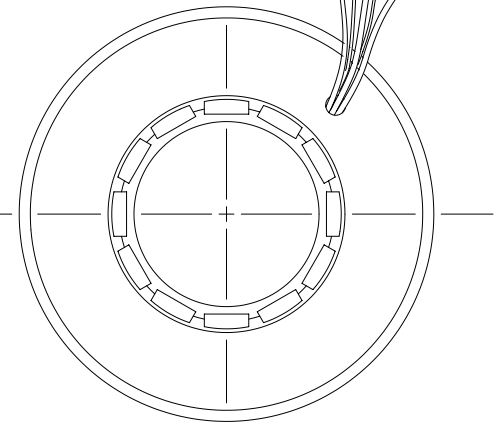
ROTOR SHOULD BE MOUNTED CONCENTRIC TO WITHIN .004 WITH RESPECT TO STATOR OD

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

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

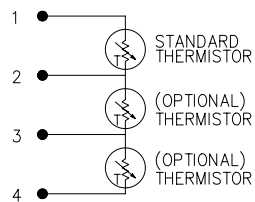


LEAD LENGTH 16 IN MIN  
MOTOR WIRE GAUGE  
DETERMINED BY WINDING

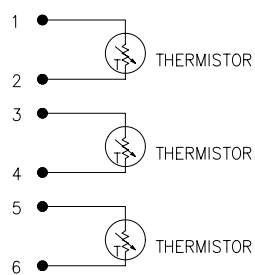


LEAD SIDE

ONE THERMISTOR IS STANDARD

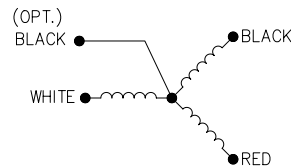


OPTIONAL 3 THERMISTOR CONFIG.

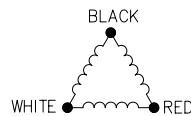


ALL WIRES BLACK 22 AWG

WYE CONFIGURATION



DELTA CONFIGURATION



DO NOT SCALE DRAWING

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

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
REV	DESCRIP TI ON	DATE	APPR

**MCS** MOTION CONTROL SYSTEMS  
NEW RIVER, VIRGINIA 24129

FRAMELESS MOTOR PHYSICAL SPECIFICATION  
B06-XXX-8 VARNISHED WINDINGS

SIZE B	SCALE NONE	DWG NO. W2003024	REV. J
CHKD DATE: EEB 9-11-91	DWG DATE: TD 9-10-91	SHEET 1 OF 1	