

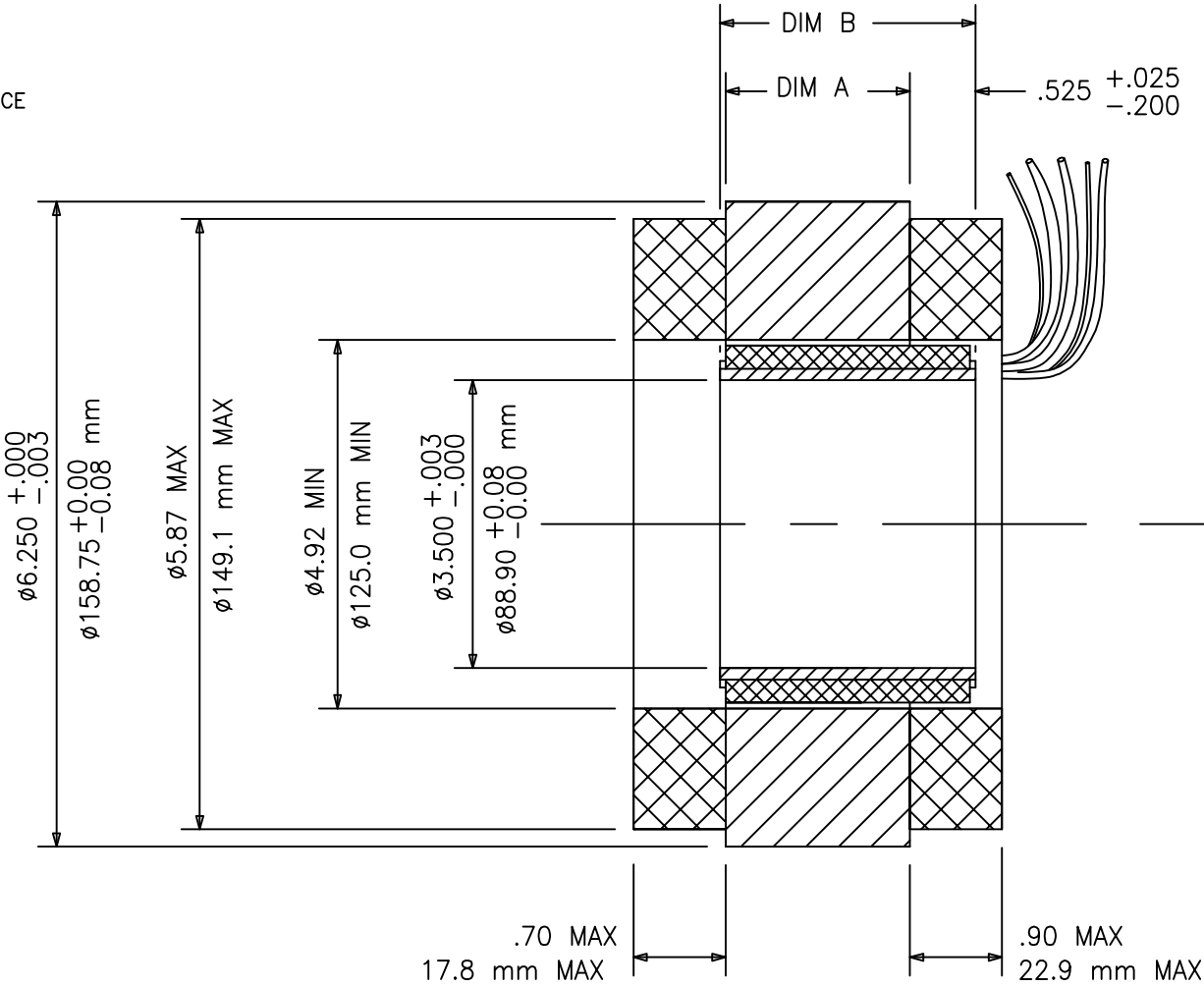
MODEL NUMBER	STACK LENGTH "A"		ROTOR LENGTH "B"	
	in $\pm .025$ $-.010$	mm ± 0.64 -0.25	in $\pm .005$ $-.000$	mm ± 0.13 -0.00
B16-13	.500	12.70	1.010	25.65
B16-25	1.000	25.40	1.515	38.48
B16-38	1.500	38.10	2.020	51.31
B16-51	2.000	50.80	2.525	64.14
B16-64	2.500	63.50	3.030	76.96
B16-76	3.000	76.20	3.535	89.79
B16-89	3.500	88.90	4.040	102.62
B16-102	4.000	101.60	4.545	115.14
B16-114	4.500	114.30	5.050	128.27
B16-127	5.000	127.00	5.555	141.10
B16-140	5.500	139.70	6.060	153.92
B16-152	6.000	152.40	6.565	166.75

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

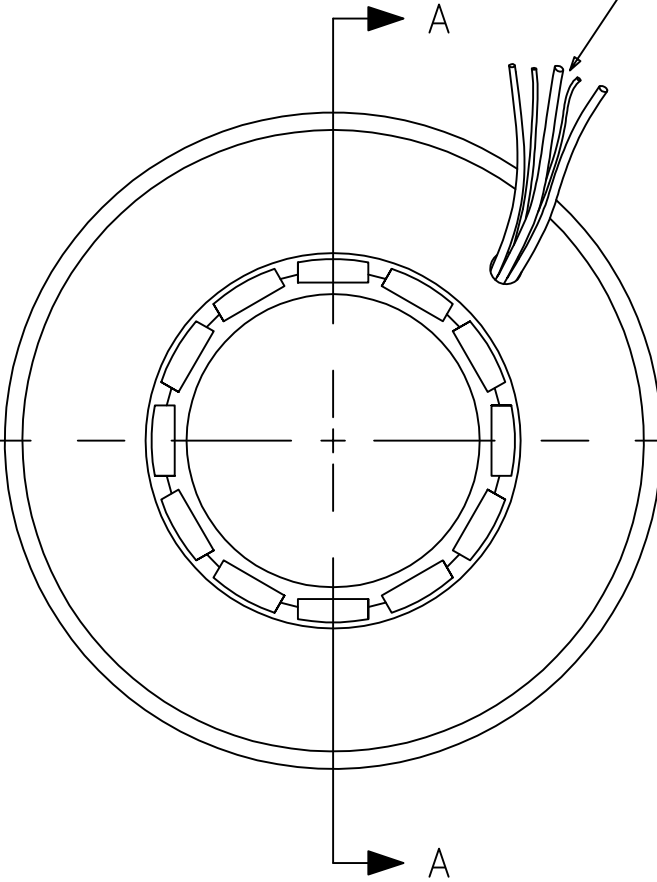
MOTOR DIMENSIONS SHOWN APPLY ONLY IN A MACHINING OR TEST FIXTURE AND NOT IN THE FREE OR UNRESTRICTED STATE

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

IF THE MOTOR TO CONTROLLER CABLE DISTANCE IS LONGER THAN 10 FT, THE CUSTOMER SHOULD ATTACH TWO CAPACITORS TO THE HALL EFFECT POWER LEADS AT THE MOTOR JUNCTION BOX AS SHOWN BELOW

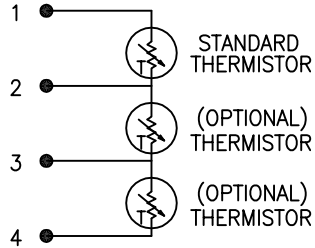


LEAD LENGTH 16 in MIN
MOTOR WIRE GAUGE
DETERMINED BY WINDING

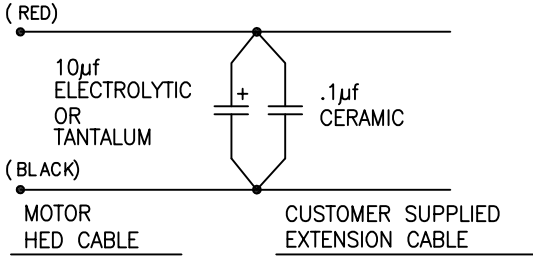
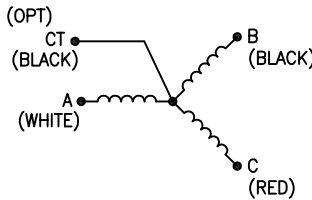


MOTOR ROTATION WILL BE IN THE CLOCKWISE DIRECTION AS VIEWED FROM THE LEAD SIDE WHEN ENERGIZED IN THE SEQUENCE WHITE-BLACK-RED

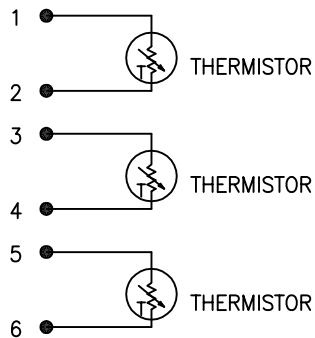
ONE THERMISTOR IS STANDARD



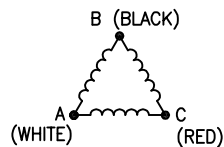
WYE CONFIGURATION



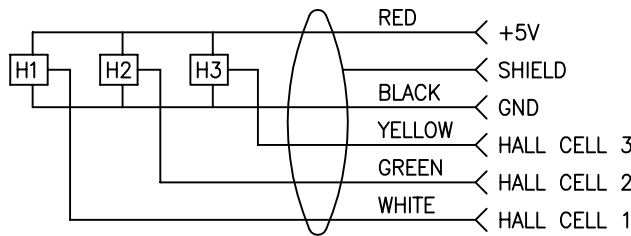
OPTIONAL 3 THERMISTOR CONFIG



DELTA CONFIGURATION



CONSULT FACTORY FOR SIX LEAD CONFIGURATION



A	CHANGED STACK ID	1-16-20	TD
REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		MOTION CONTROL SYSTEMS, INC. New River, Virginia 24129	
FRACTIONS $\pm 1/64$		FRAMELESS MOTOR PHYSICAL SPECIFICATION B16-XXX VARNISHED WINDINGS WITH HED'S (3.500 ID)	
DECIMALS .XX = $\pm .01$.XXX = $\pm .005$		SIZE B	SCALE NONE
ANGLES $\pm 1^\circ$		DWG NO. 2026054	REV. A
MATERIAL		CHKD DATE : EEB 11-24-10	DWG DATE : TD 4-6-10
FINISH		SHEET 1 OF 1	
DO NOT SCALE DRAWING			