

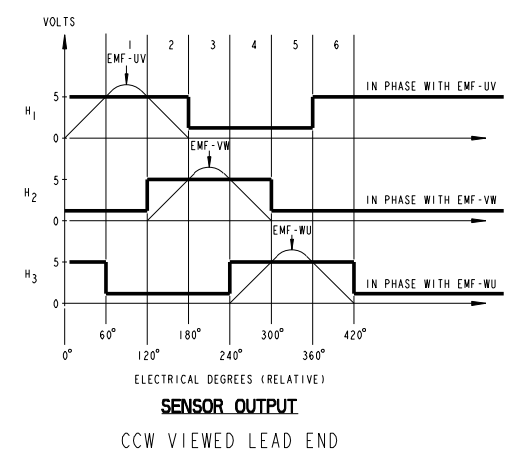
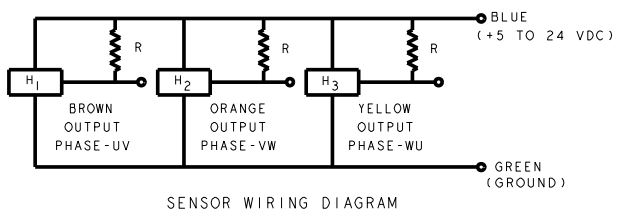
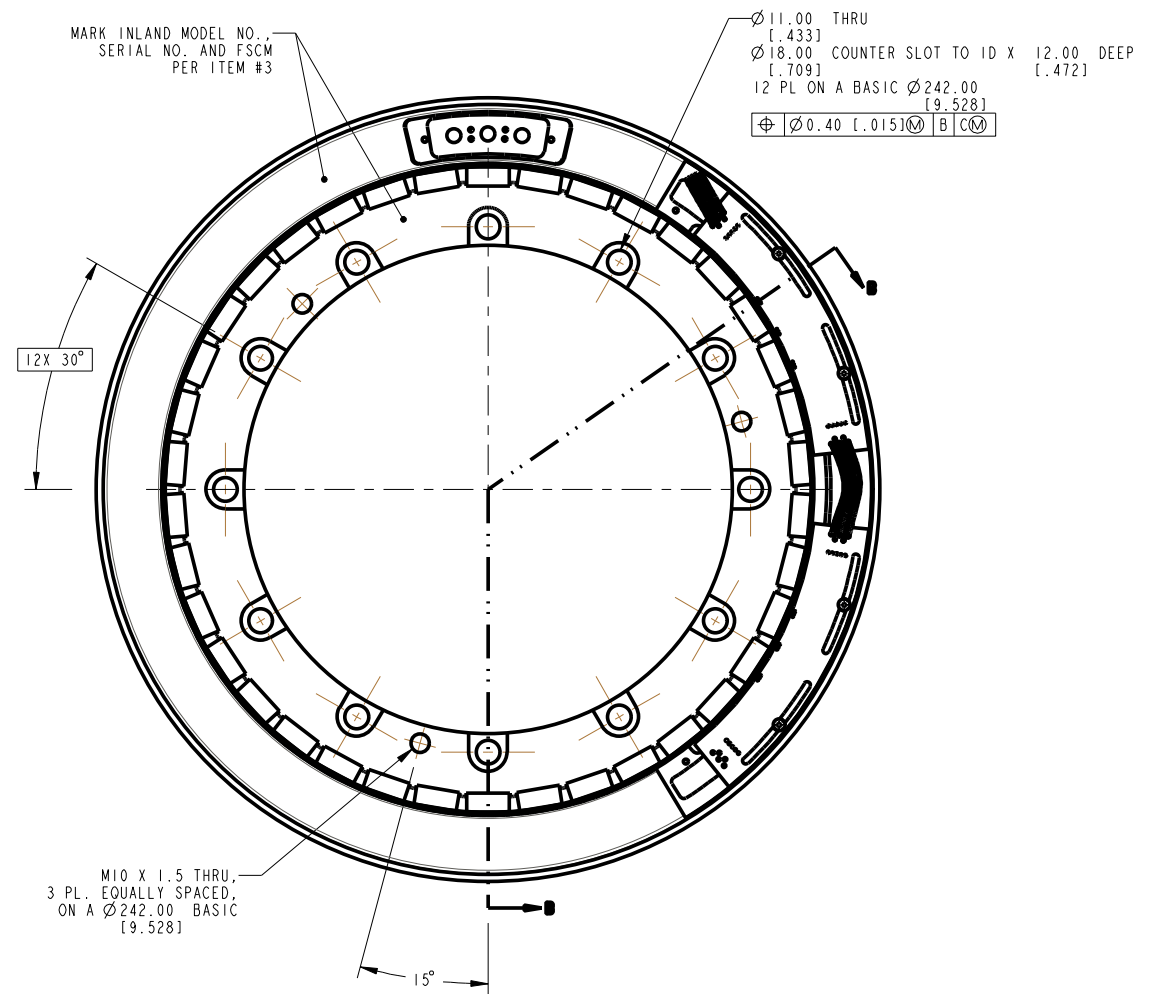
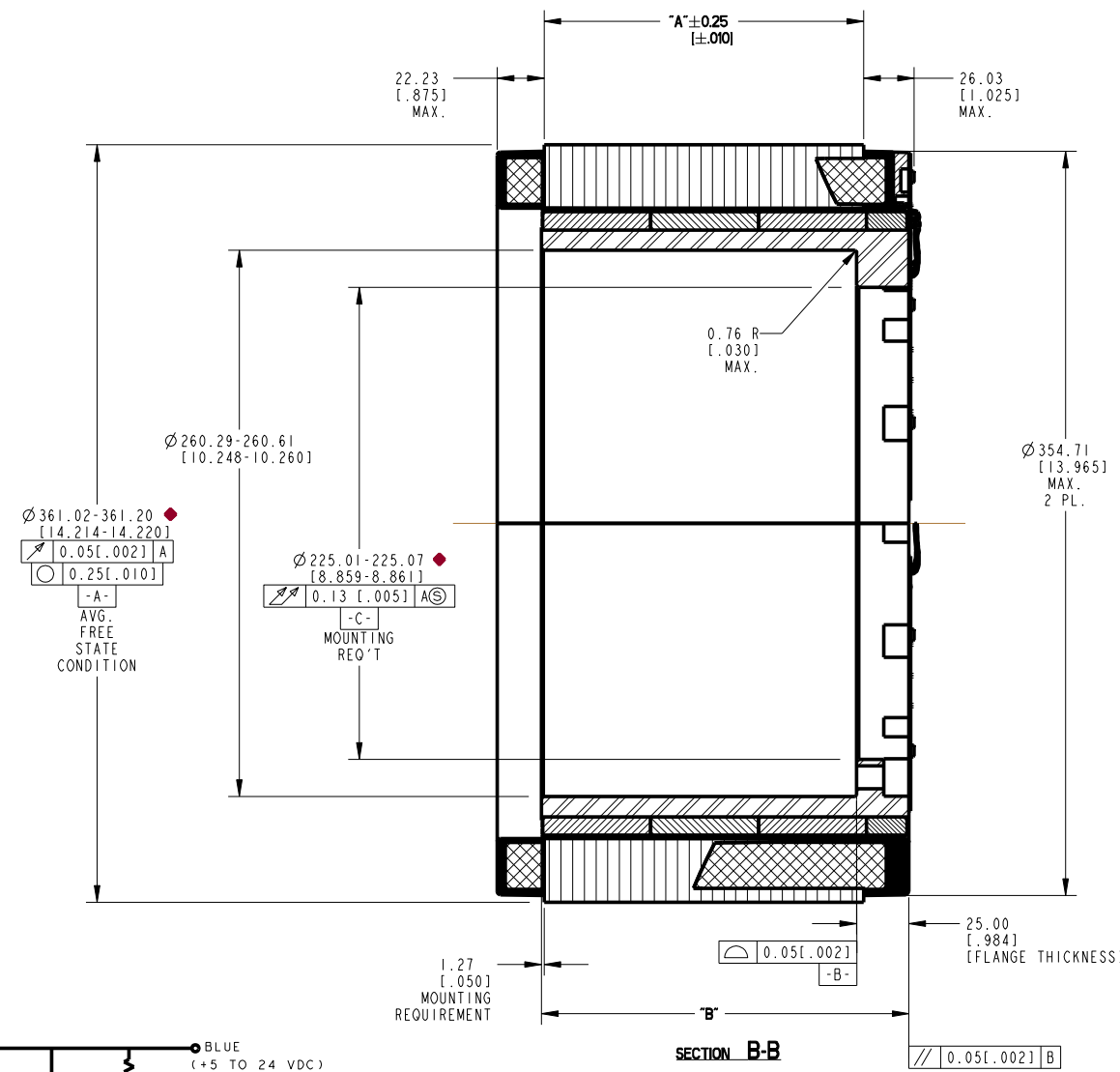
REVISION					
REV	ECN NO.	DESCRIPTION	DATE	APPROVED	
A	R01-13452	SEE ECO	HLW	3-05-2010	T&B

- NOTES:
- FOR A.C.C.W. ROTATION, AS VIEWED FROM LEAD END, ENERGIZE PER EXCITATION SEQUENCE BELOW.
 - MOTOR SUPPLIED AS TWO SEPARATE COMPONENTS, ARMATURE ASSEMBLY, AND FIELD ASSEMBLY.
 - RECOMMENDED MOUNTING : O.D. SHRINK FIT.
 - R=1.5k OHMS APPROXIMATELY (CUSTOMER SUPPLIED).
 - EMF-UV, EMF-VW AND EMF-WU IS BACK EMF OF MOTOR PHASE, UV, VW AND WU ALIGNED WITH SENSOR OUTPUT SHOWN FOR C.C.W ROTATION ONLY.
 - DIMENSIONS IN BRACKETS () ARE ENGLISH UNITS FOR REFERENCE ONLY.
 - RoHS (DIRECTIVE 2002/95/EC AND AMENDMENTS) COMPLIANCE REQUIRED.

MOTOR LEADS:
 #10 AWG, TEFLON INSULATED, U.L 1199
 3 LEADS, 900 mm [35"] MIN
 1 - BLUE 1 - BROWN 1 - VIOLET

THERMISTOR LEADS:
 #26 AWG, TEFLON INSULATED
 4 LEADS, 900 mm [35"] MIN
 2 - BLUE 2 - RED

SENSOR LEADS:
 #26 AWG TEFLON COATED PER MIL-W-22759/11
 5 LEADS, 900 MM [35"] MIN
 1-BLUE 1-GREEN 1-BROWN 1-ORANGE 1-YELLOW



POWER CONNECTION			
STEP	PHASE "U" BLUE	PHASE "V" BROWN	PHASE "W" VIOLET
1	(+)	(-)	(-)
2	(+)	(-)	(-)
3	(+)	(+)	(-)
4	(-)	(+)	(-)
5	(-)	(-)	(+)
6	(-)	(-)	(+)

EXCITATION SEQUENCE TABLE

TABLE 1					
MODEL NUMBER	ARMATURE & SENSOR ASSY HV. INSULATION	ARMATURE & SENSOR ASSY STD. INSULATION	FIELD ASSEMBLY	DIM "A"	DIM "B"
KBMS-118X01	946290/01X	946291/01X	946292/01	101.60 [4.000]	123.83 [4.875]
KBMS-118X02	946290/02X	946291/02X	946292/02	152.40 [6.000]	175.26 [6.900]
KBMS-118X03	946290/03X	946291/03X	946292/03	203.20 [8.000]	226.70 [8.925]
KBMS-118X04	946290/04X	946291/04X	946292/04	254.00 [10.000]	278.13 [10.950]

3	AR	IM-2709	MARKING PROCEDURE
2	I	SEE TABLE	FIELD ASSEMBLY
1	I	SEE TABLE	ARMATURE ASSEMBLY
ITEM	QTY	IDENTIFYING NO.	DESCRIPTION
LIST OF PARTS			
UNLESS OTHERWISE SPECIFIED: REMOVE ALL SHARP BURRS AND BREAK ALL SHARP EDGES X DECIMAL PLACES ±.4 (.015) XX DECIMAL PLACES ±.13 (.005) ANGULAR DIMENSIONS ±1°			INLAND MOTOR 501 FIRST STREET RADFORD, VIRGINIA 24141
OUTLINE AND ASSEMBLY KBMS-118XXX-X00			FSCM
SCALE: 0.600			SIZE DWG. NO. 946289
JOB NO.:			REV A
SHEET 1 OF 1			

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Proj Instance Name: KBMS118.OUTLINE.946289
 Proj Drawing Name: 946289
 Proj Model Type: ASSEM
 Pro/Engineer Drawing