

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
- MINIMUM MOUNTING SURFACE FROM 251.71[9.910] TO 259.60[10.220] BOTH SIDES.
- DIMENSIONS IN BRACKETS [ ] ARE ENGLISH UNITS FOR REFERENCE ONLY.
- NO ANGULAR RELATIONSHIP BETWEEN MOUNTING HOLES ON EITHER SIDE OF ROTOR.
- RoHS (DIRECTIVE 2002/95/EC AND AMMENDMENTS) COMPLIANCE REQUIRED.

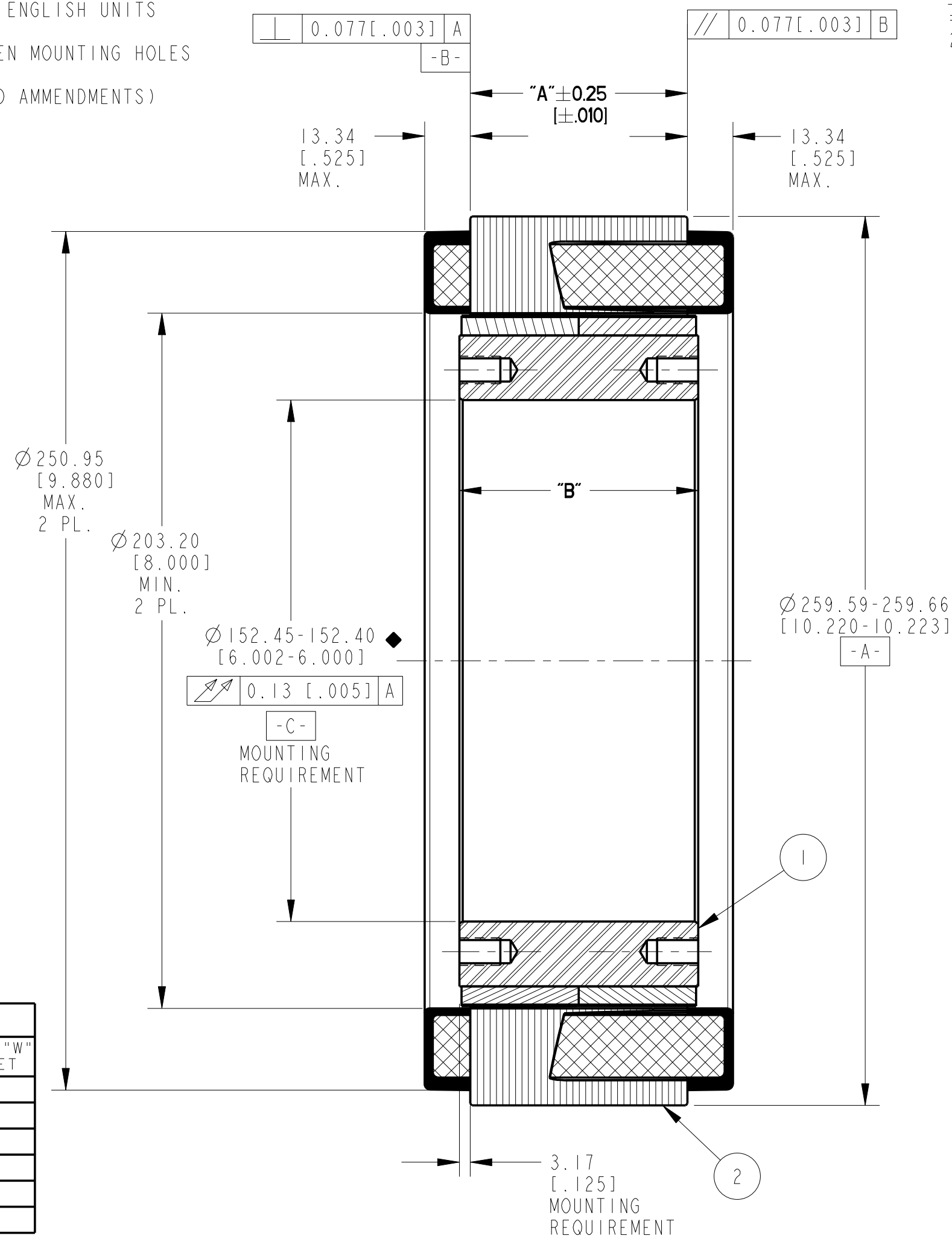
MOTOR LEADS :

#16 AWG, TEFLON INSULATED, U.L. 1199  
3 LEADS, 400 MM [15.75"] MIN  
1- BLUE 1-BROWN 1-VIOLET

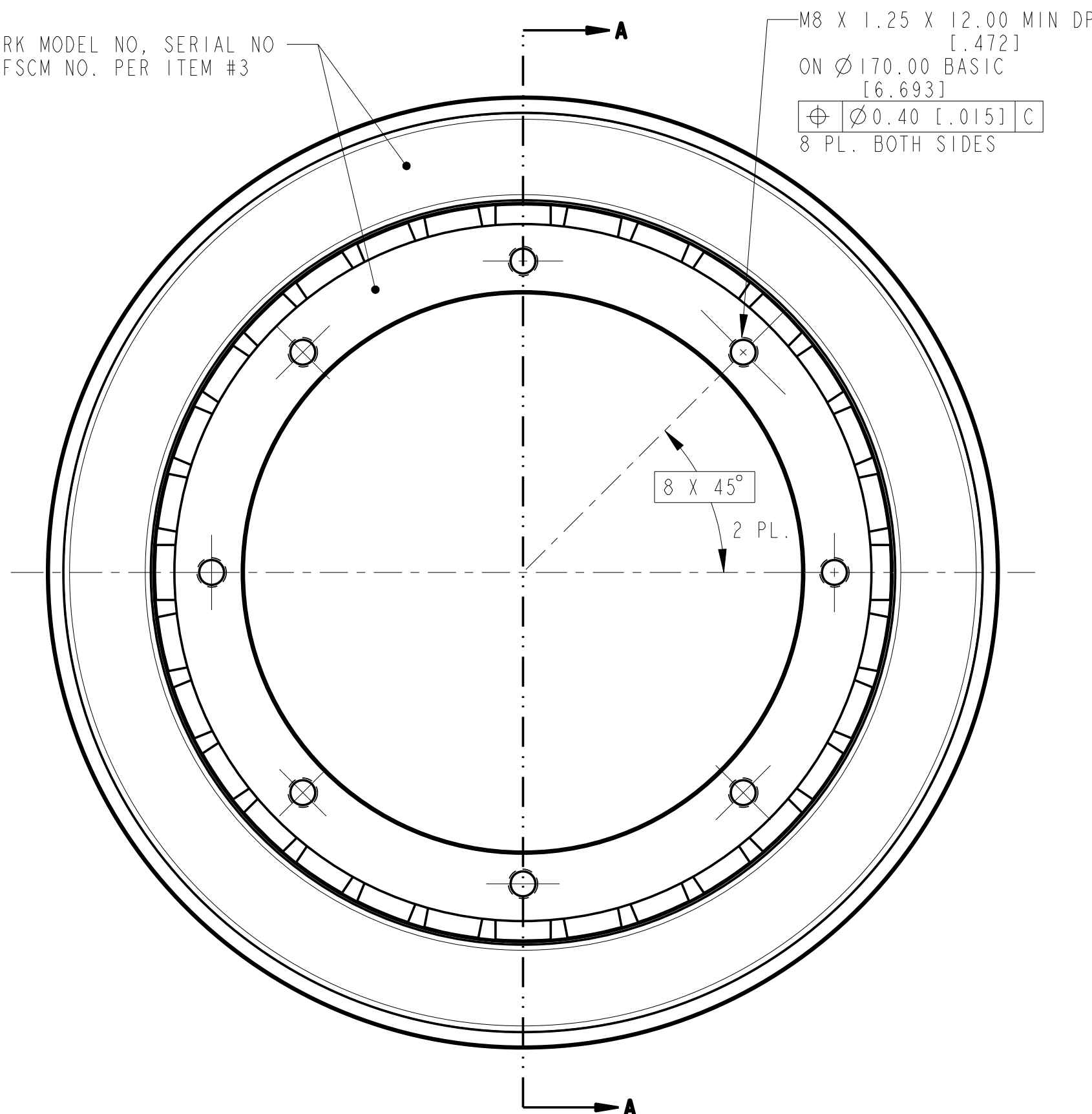
THERMISTOR LEADS :

#26 AWG, TEFLON INSULATED  
2 LEADS, 400 MM [15.75"] MIN  
1-BLUE 1-RED

REVISION				
REV	ECN NO.	DESCRIPTION	DATE	APPROVED
A	ROI_14394	SEE ECO L&T	19-Apr-11	LW
B	ROI_15666	SEE ECO ALM	9/4/13	KLR



MARK MODEL NO, SERIAL NO & FSCM NO. PER ITEM #3



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

EXCITATION SEQUENCE TABLE

SECTION A-A

TABLE 1					
MODEL NUMBER	ARMATURE ASSY H.V. INSULATION	ARMATURE ASSY STD. INSULATION	FIELD ASSEMBLY	DIM "A"	DIM "B"
KBM-79X01	946461/01X	946462/01X	946463/01	31.75 [1.250]	38.10 [1.500]
KBM-79X02	946461/02X	946462/02X	946463/02	63.50 [2.500]	69.85 [2.750]
KBM-79X03	946461/03X	946462/03X	946463/03	127.00 [5.000]	133.35 [5.250]
KBM-79X04	946461/04X	946462/04X	946463/04	170.94 [6.730]	177.29 [6.980]
KBM-79X05	946461/05X	946462/05X	946463/05	214.89 [8.460]	221.49 [8.720]

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Pro/E Instance Name	KBM19_OUTLINE_946460
Pro/E Drawing Name	946460
Pro/E Model Type	ASSEM
Pro/Engineer Drawing	

METRIC DRAWING

SIGNIFICANT PRODUCT CHARACTERISTIC	DO NOT SCALE DRAWING. USE DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN BRACKETS [ ] ARE IN INCHES AND ARE FOR REFERENCE ONLY.
CRITICAL PRODUCT CHARACTERISTIC	INTERPRET GEOMETRIC SYMBOLS PER ANSI Y14.5M-1982

3	AR	IM-2709	MARKING PROCEDURE
2	I	SEE TABLE	ARMATURE ASSEMBLY
1	I	SEE TABLE	FIELD ASSEMBLY
ITEM	QTY	IDENTIFYING NO.	DESCRIPTION
LIST OF PARTS			
KOLLMORGEN		INLAND MOTOR 501 FIRST STREET RADFORD, VIRGINIA 24141	
OUTLINE KBM-79XXX-X00			
FSCM	SIZE	DWG. NO.	REV
11384	C	946460	B
SCALE: 1.000	JOB NO.:	SHEET 1 OF 1	