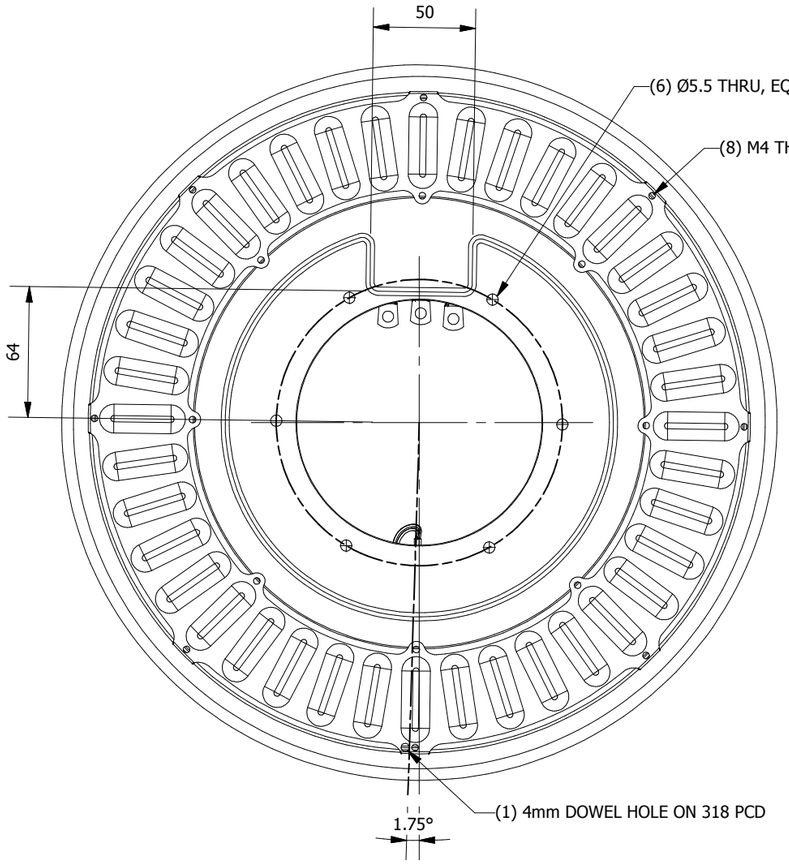

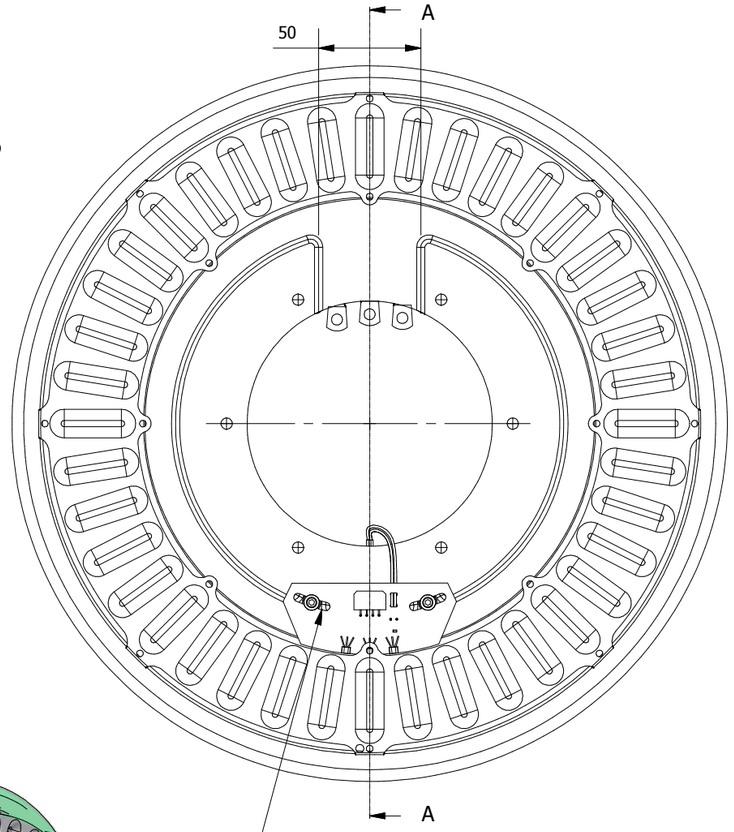

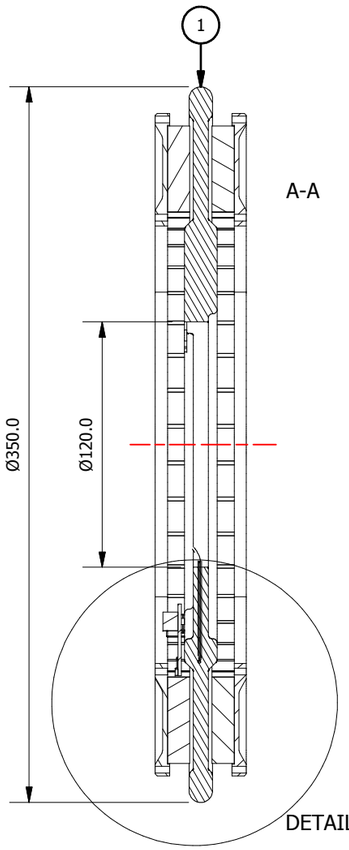

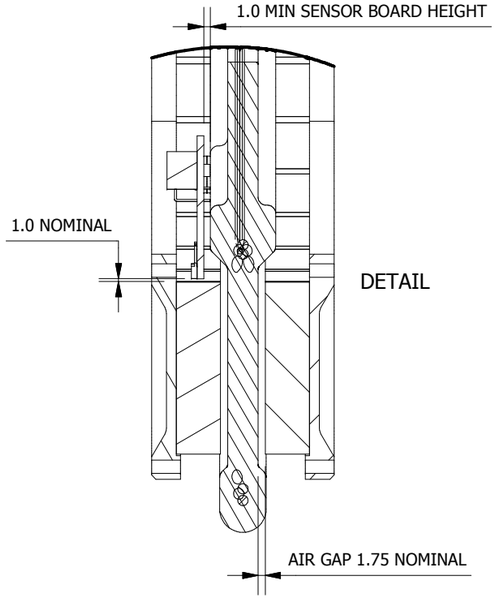

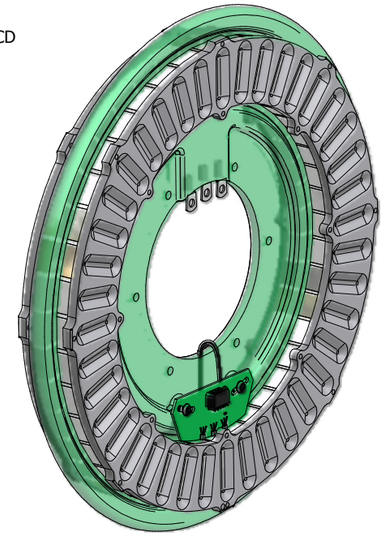

WARNING!

FORCE OF ATTRACTION BETWEEN MAGNET RINGS IS 4966N WHEN 10.9mm APPART

GENERAL FORMULA F ~ 6.4/(0.025+d)^2
WHERE F = FORCE (N)
D = MAGNETIC GAP (m)

FOR INFOMATIONAL PUROPSES ONLY
CONFIGURATION OR DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
CONTACT MARAND TO CONFIRM DIMENSIONS WHEN DESIGNING HOUSING

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	SCM01-0100-00	STATOR
2	1	SCM01-0200-00	MAGNET RING, SURFACE MOUNT - NORTH
3	1	SCM01-0300-00	MAGNET RING, SURFACE MOUNT - SOUTH
4	3	SCM01-0400-00	INDUCTORS

BREAK ALL SHARP EDGES

UNLESS OTHERWISE STATED

DO NOT SCALE DRAWING

CHAMFER ALL EDGES 0.5 x 45°

DRAWING PRACTICE AS1100

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

3 DECIMAL PLACES	+/- 0.025
2 DECIMAL PLACES	+/- 0.15
1 DECIMAL PLACES	+/- 0.3
NO DECIMAL PLACES	0 - 125 +/- 0.8
NO DECIMAL PLACES	126 - 250 +/- 1.5
NO DECIMAL PLACES	OVER 250 +/- 3.0
ANGLES	+/- 0.5~
MACHINED FINISH	3.2

	INITIALS	DATE
DESIGNED	M.KAMP	21/12/2010
DRAWN	M.KAMP	21/12/2010
CHECKED		
PROJ. ENG.		
SAFETY		
APPROVED	M.KAMP	11/03/2011
FILENAME	SCM01-0000-00-A - SURFACE MOUNT KIT MOTOR.idw	

ITEM	QTY	DRG / PART NO	DESCRIPTION
MATERIAL			FINISH
HEAT TREAT			QUANTITY
CUSTOMER		CUSTOMER No	

SURFACE MOUNT KIT MOTOR

Qaf154

MARAND PRECISION

DRAWING No SCM01-0000-00

REV A

SCALE NTS SHEET 1 **A3**

REVISIONS

REV	BY	DATE	DESCRIPTION	CKD	APP