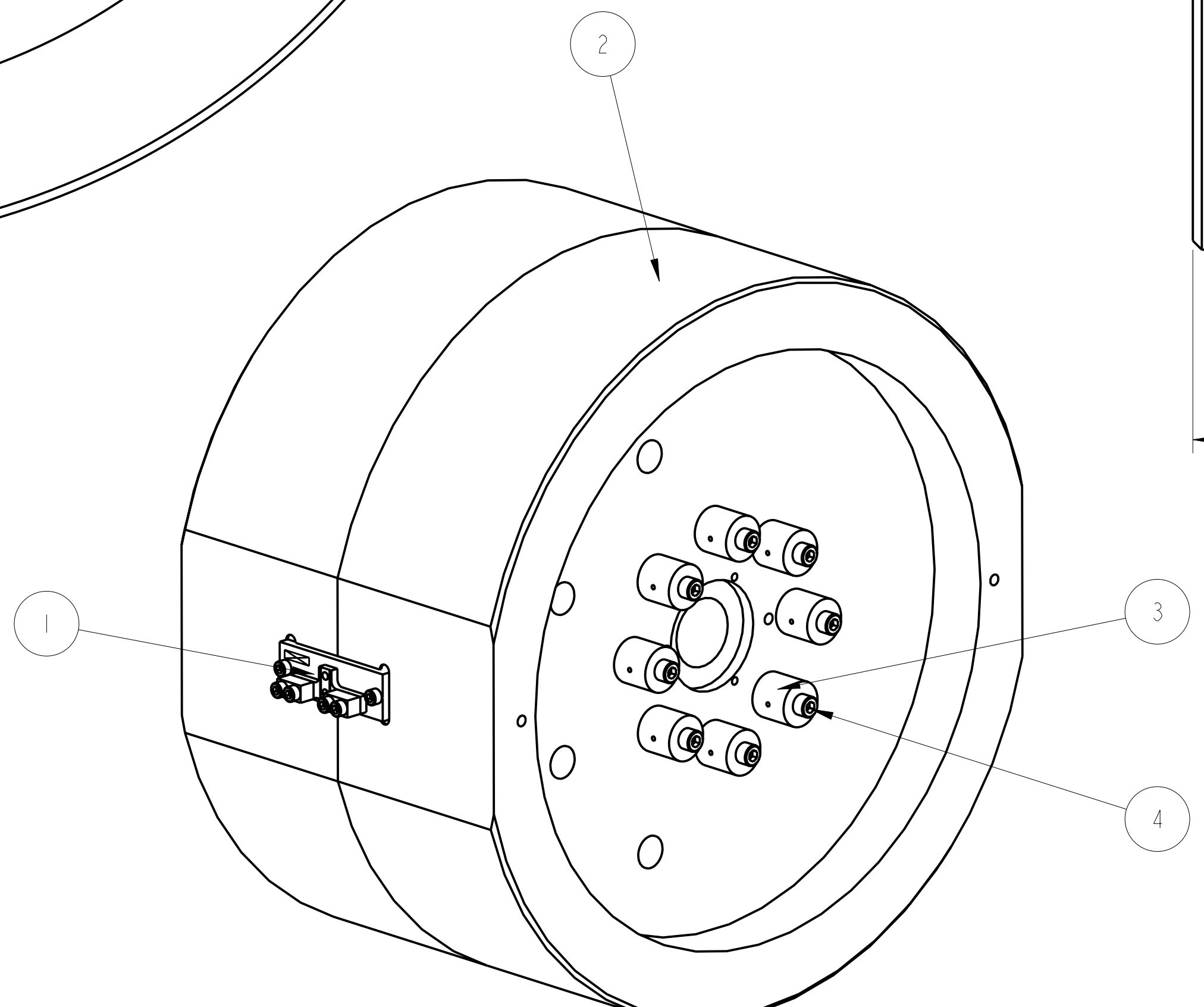
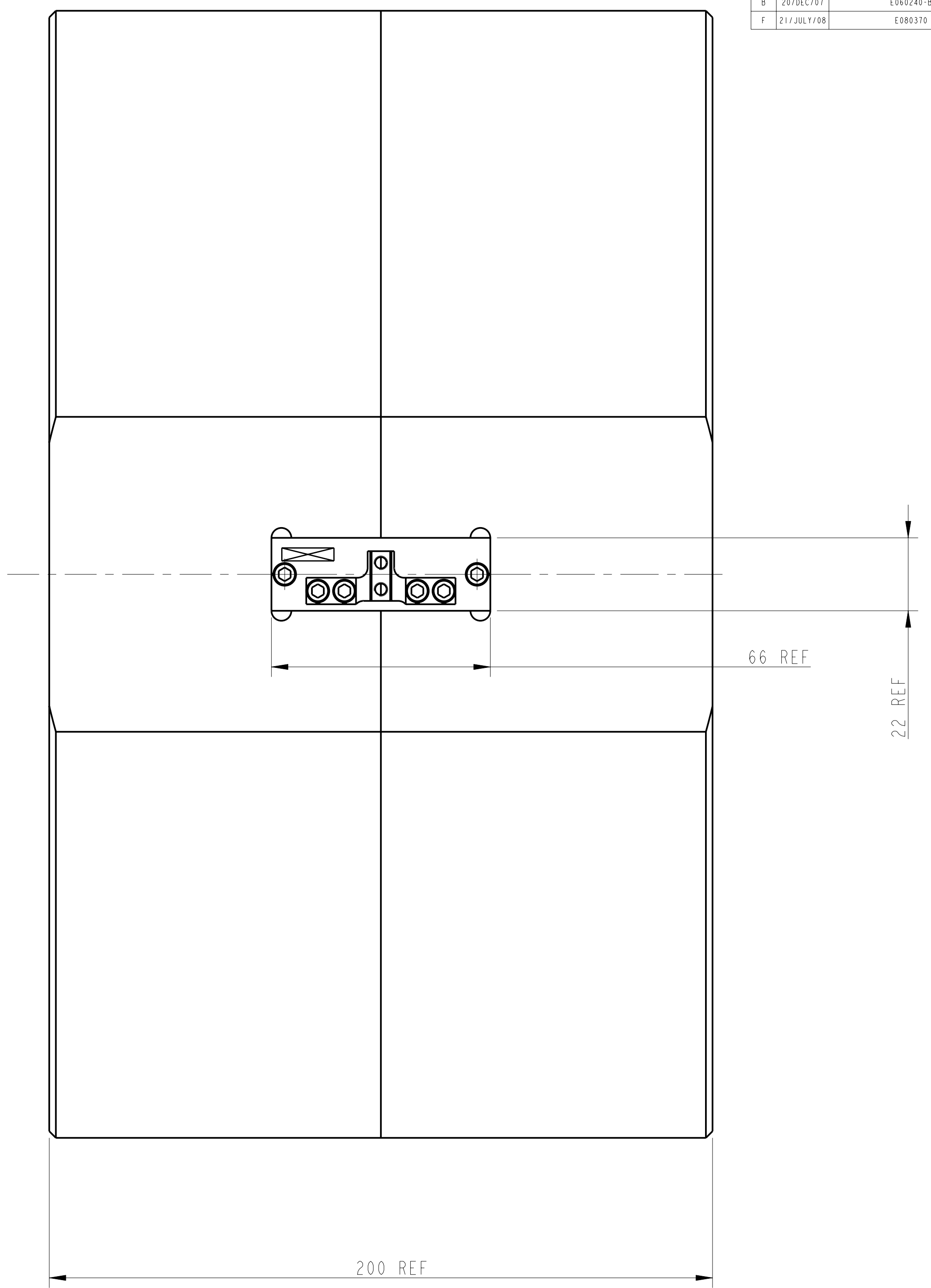
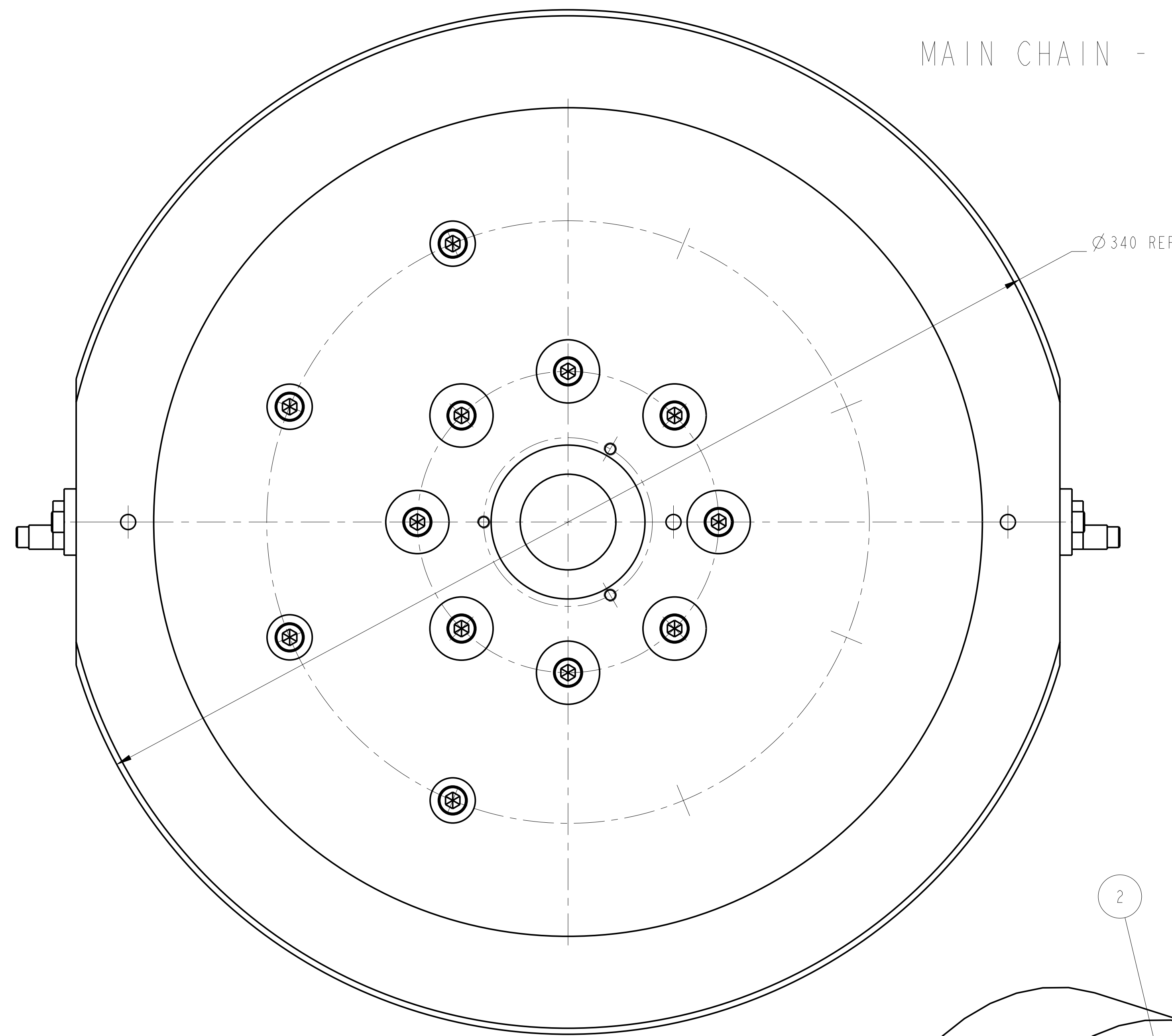


REV	DATE	DCN #	DRAWING TABLE #
A	15/OCT/06	E060240	
B	20/DEC/07	E060240-B	
F	21/JULY/08	E080370	

MAIN CHAIN - TEST MASS DUMMY



3D VIEW
SCALE 1:2

MASS AS SHOWN: 39.36 KG
(INCLUDES 16 X 50g REMOVABLE MASSES)

PRINCIPAL MOMENTS OF INERTIA:
 $I_{yy} = 397157.127 \text{ kg/mm}^2$
 $I_{xx} = 404370.263 \text{ kg/mm}^2$
 $I_{zz} = 608103.559 \text{ kg/mm}^2$

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			D060337	PENULTIMATE MASS WIRE CLAMP: -	AS DRW: AS DRAWN
2	2			D060358	DUMMY TEST MASS SIDE: .	AL ALLOY: 5083
3	16			D060359-050.0	ADDITIONAL MASS: .	ST STEEL: 316
4	24				1/4" 20 UNC X 1" CAP HEAD: .	

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES. R.02 MIN.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL).
- SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE 07" HIGH CHARACTERS. EXAMPLE: D060359-001 - A VIBRATOR TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES)

TOLERANCES:
 $\pm .xx \pm .13$
 ANGULAR $\pm .$

MATERIAL: AS DRW
 $\sqrt{\mu\text{m}} (\mu\text{in})$ Ra: $\dots\dots$

FINISH: AS DRW

NAME	DATE	SIZE
DRAWN	1 WILMOT	30/06/09
CHECKED	J'OOD	30/JUN/09
APPROVED	JOD	30/JUN/09

SCALE 1:1 PROJECTION:

CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 GLASGOW UNIVERSITY GEC ROX GROUP
 RUTHERFORD APPLETON LABORATORIES

SYSTEM: **ADVANCED LIGO**
 SUB-SYSTEM: **SUS**
 NEXT ASSY: **THIS**
 PART NAME: **DUMMY TEST MASS ASSEMBLY TOOLING**

DRG. NO.: **D060355** v2
 SHEET: **1** OF **1**