

NOTES:

- MATERIAL: STEEL BAR OR FORGING GRADE AISI 4140, PROVIDE INSPECTION REPORTS OR PROOF ACCORDING TO THE PROVISIONS EN-10204-3.1. QUENCHED AND TEMPERED 269-321 BHN
- ULTRASONIC TESTING: TESTING OF FORGINGS MUST FOLLOW THE PROVISIONS OF EN-10228-3 LEVEL 3 (AGMA A-388- TO AN EQUIVALENT 3 mm FLAT BOTTOMED HOLE IS AN ACCEPTABLE ALTERNATIVE.)
- IDENTIFY WITH PART NUMBER, SUPPLIER CODE NUMBER, MANUFACTURERS LOT NUMBER, AND REV. LEVEL
- HOLES MUST MEET VERTICAL HOLES, FULL DIAMETER

MAKE FROM MODEL: 1509-HG-004-D

REV	CHANGED FROM	BY	DATE	APRD
B	ADDED 2 MORE FEEDS AND SEPARATED INLETS	JFC	10/26/12	
C	REVIEWED PER 1509-ENC-004	CPS	1/18/13	
D	CHANGE REQUEST PER 1509-ECN-011 & NREL DRW REVIEW	CPS	3/8/13	
E	CHANGES PER 1509-DDS-018-A03. ADD BALL NOSE FOR ASS'Y. RELEASE FOR PRODUCTION	CPS	4/22/13	
F	REPAIR DANGLING DIMENSION LEADERS	JMG	10/18/13	
G	CHANGES PER MFG REVIEW	CPG	3/14/16	

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES:
 DECIMALS: FINISH: ANGLES:
 X. \pm 1.0
 .X \pm 0.5
 .XX \pm 0.25
 6.3 $\sqrt{\mu\text{m Ra}}$ \leq \pm 0.5°
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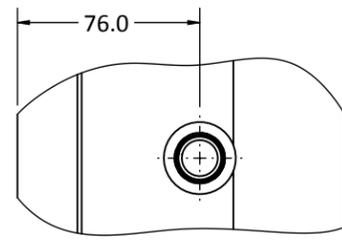
DRAWN JFC DATE: 8/14/12
 CHECKED THIRD ANGLE PRJ

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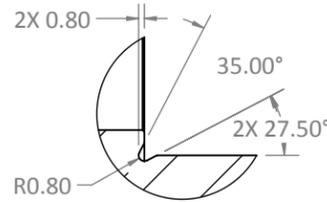
TITLE: **CARRIER ADAPTER RING**

SIZE **B** DWG. NO. **254513** REV **G**

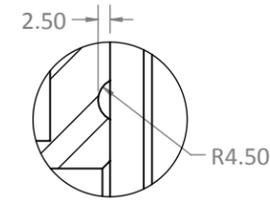
SCALE: 1:6 WEIGHT: 138.26 kgs SHEET 1 OF 2



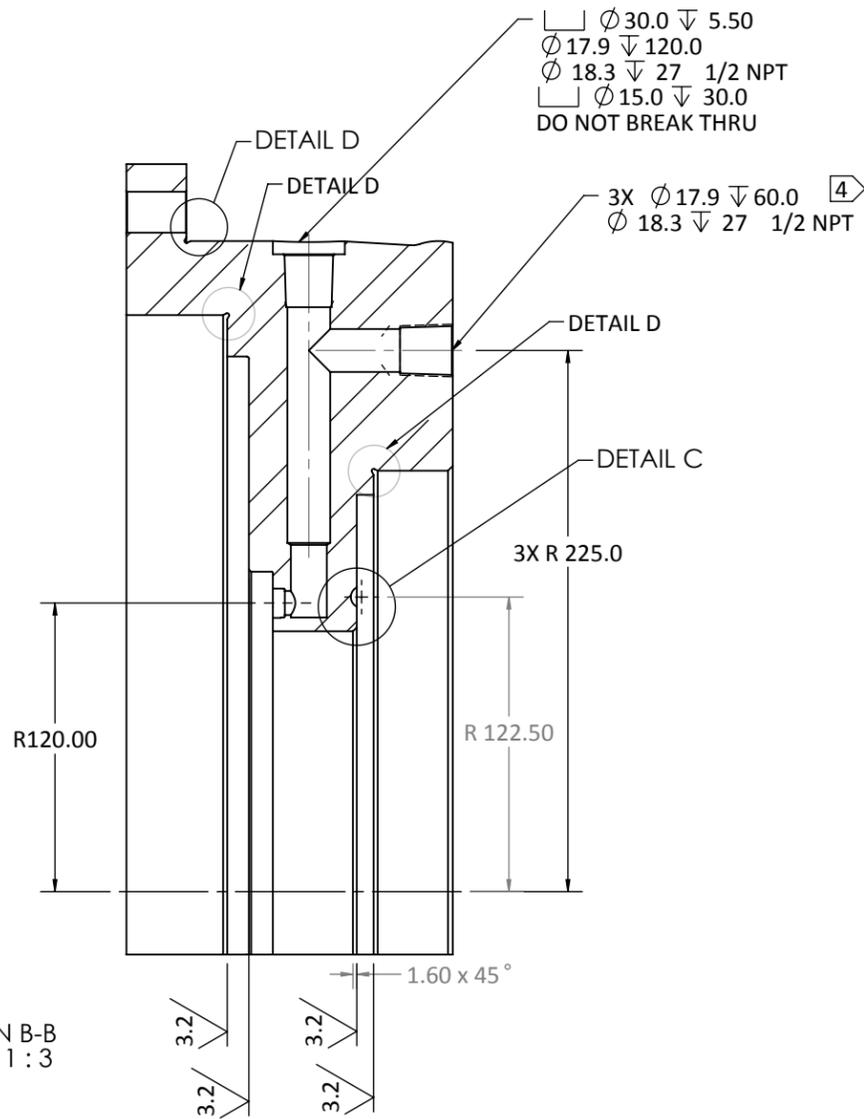
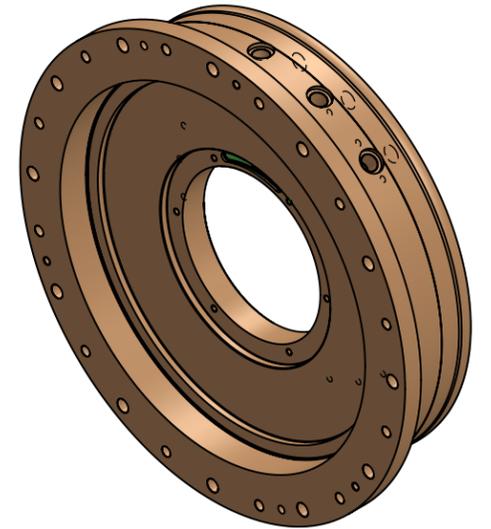
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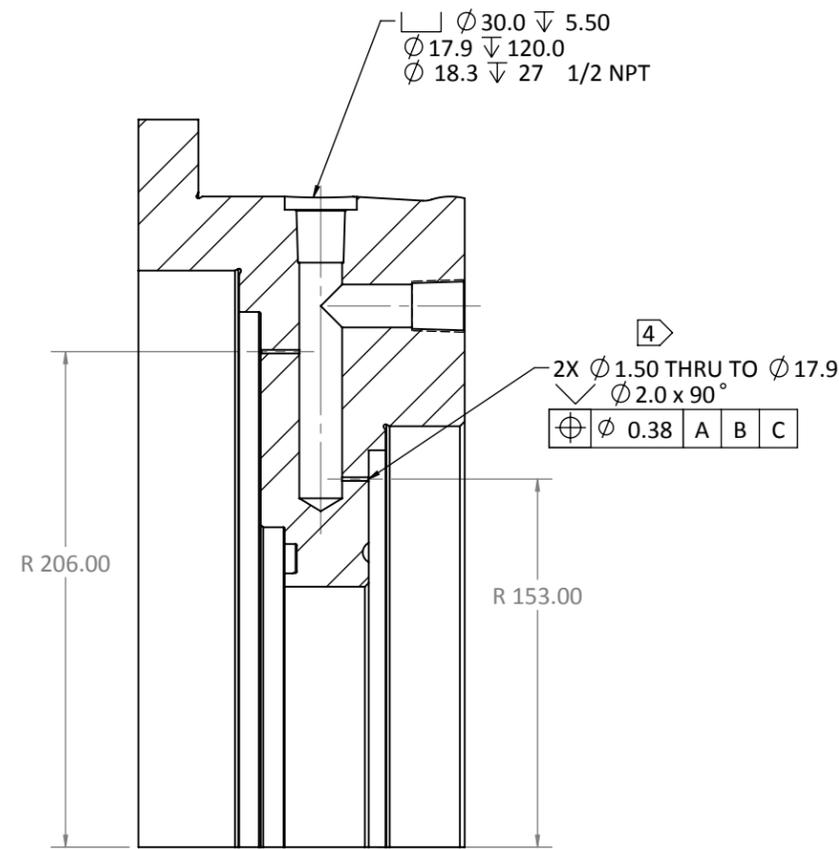
3X DETAIL D



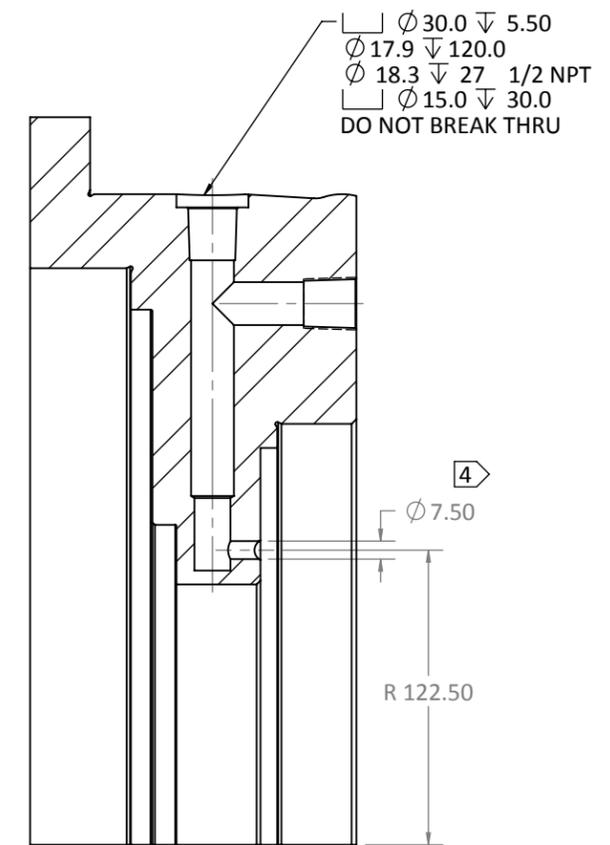
DETAIL C
SCALE 2:3



SECTION B-B
SCALE 1:3



SECTION C-C
SCALE 1:3



SECTION D-D
SCALE 1:3

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES: X. ±1.0 6.3 $\sqrt{\mu\text{m Ra}}$ $\leq \pm 0.5^\circ$.X ±0.5 .XX ±0.25 COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY			National Renewable Energy Laboratory		
TITLE: CARRIER ADAPTER RING			SIZE B DWG. NO. 254513		
DRAWN JFC DATE: 8/14/12		CHECKED THIRD ANGLE PRJ		REV G	
SCALE: 1:6		WEIGHT: 138.26 kgs		SHEET 2 OF 2	