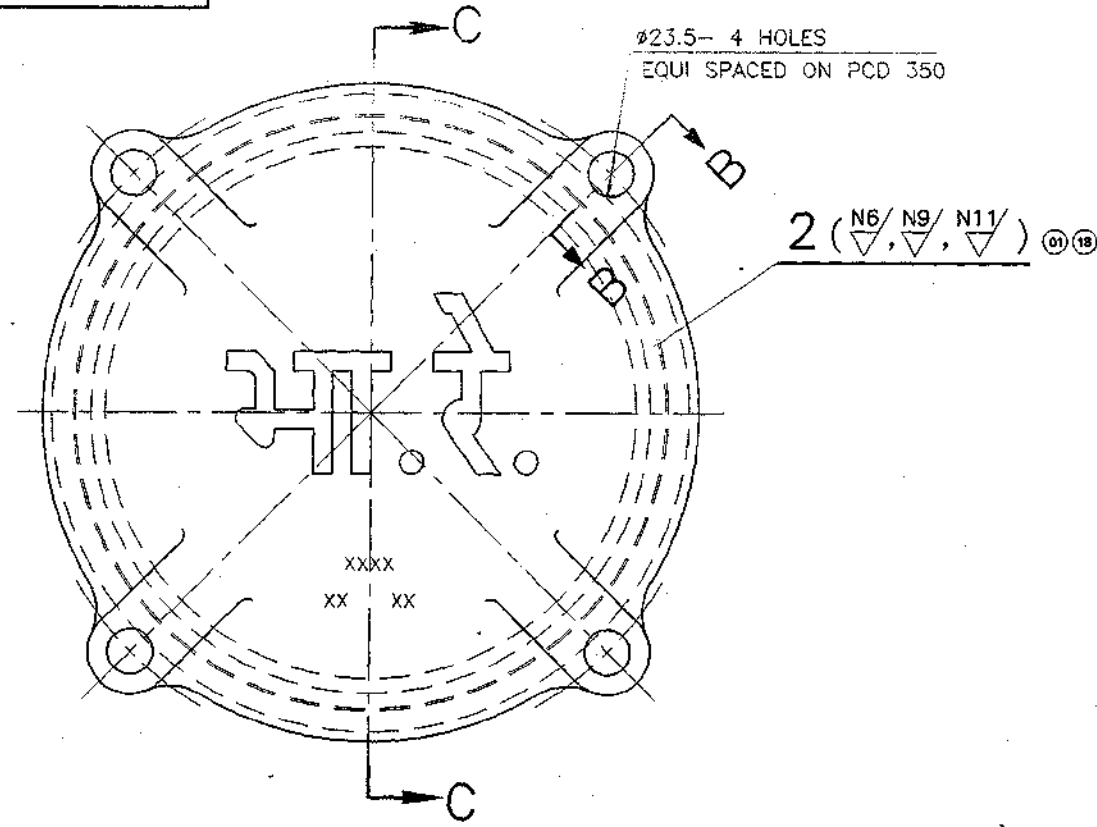
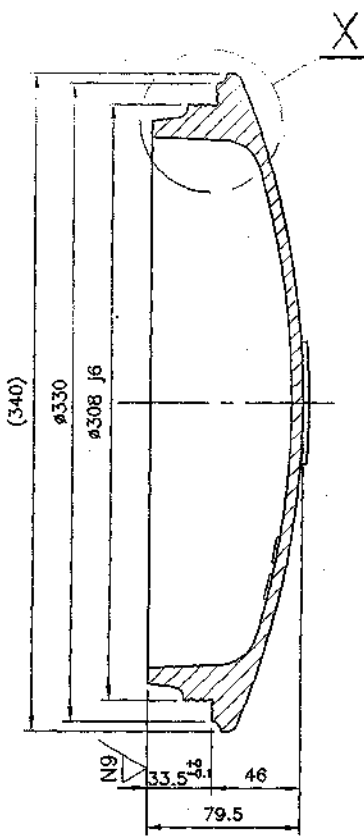


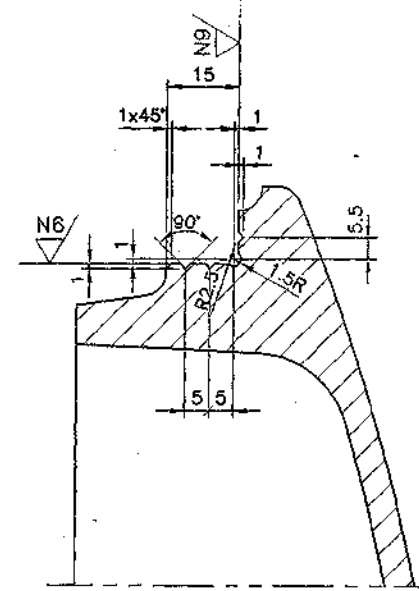
EMU/M-0-2-013



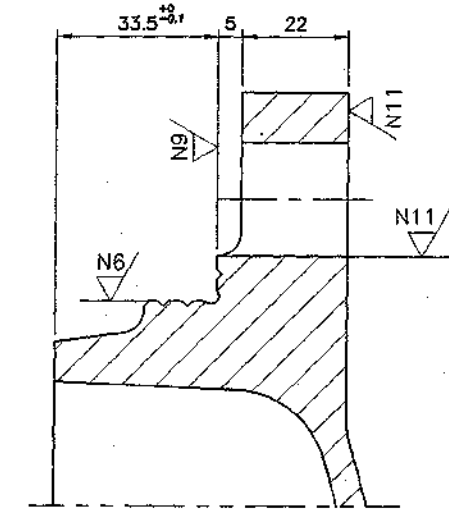
COVER FINISH MACHINED



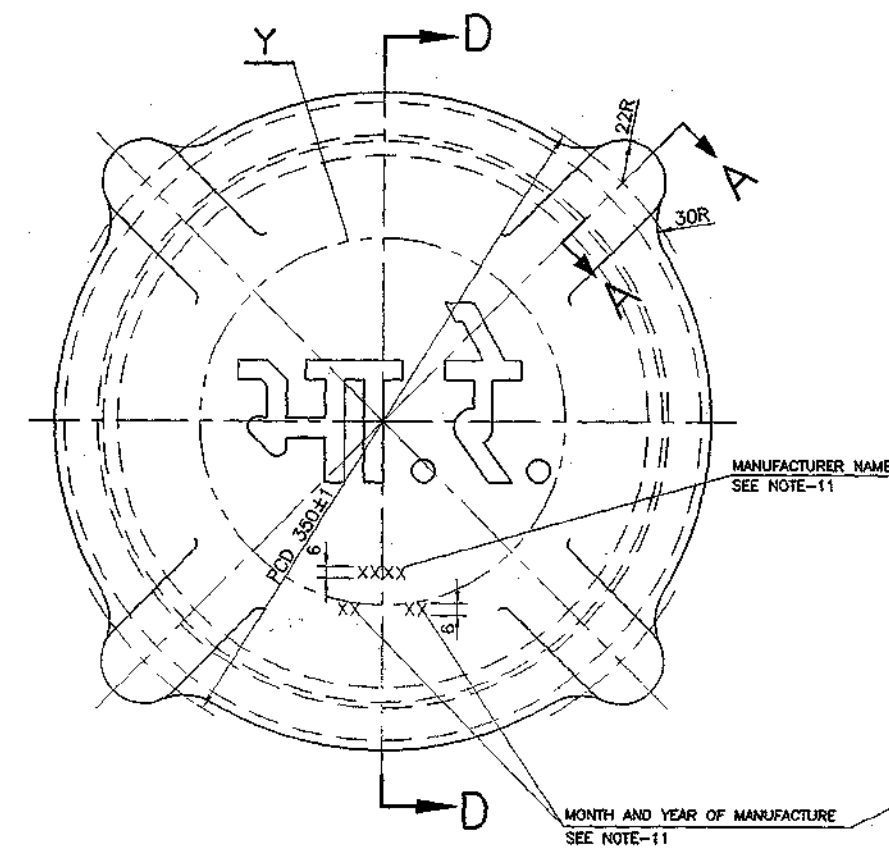
SECTION-CC



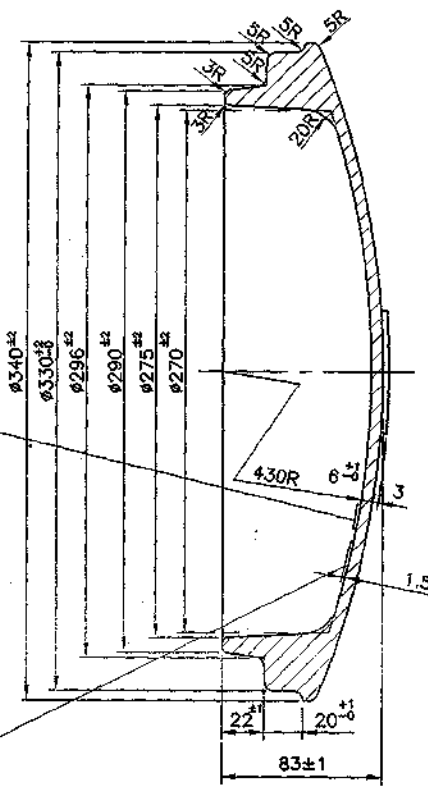
DETAIL AT-X



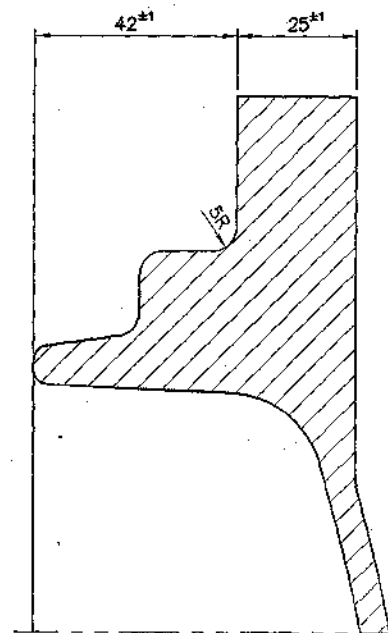
SECTION-BB  
FINISH MACHINED



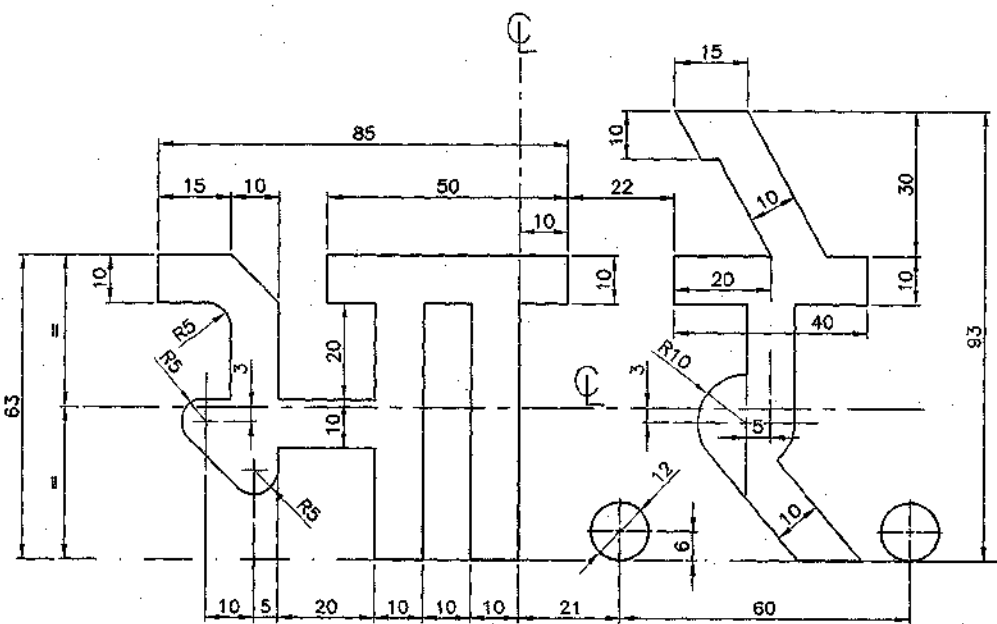
COVER AS CAST



SECTION-DD



SECTION-AA  
AS CAST



DETAIL AT-Y

© EMU/M, DC/EMU/M, MEMU/DMC, DC/EMU/M/ASR, DMU/OPC, DMU/OPCS, DETC, DETC/US, DC/EMU-CHADH, AC/DC EMU/C2&C3, AC/DC EMU/D2, AC/DC EMU/D2/HC & D3/HC, AC/DC EMU/M2, DHTC, ARTV, DHTC/J, DTMU/OPC, RRV/3, AC EMU/M/ASR, AC EMU/20/ASR, AC EMU/20/ASR.

▽ ROUGH MACHINED	⊗ ROUGH CLEANING	ALTERATIONS
▽▽ FINISH MACHINED	⊗ CHAMFERED	① 2/2002
▽▽▽ FINE FINISH MACHINED	⊗ BURRS REMOVED	DRG. REDRAWN IN CAD. ASSY. DRG. NO. EMU/M-0-2-016 ADDED FOR ITEM-2. SAIL SPEC. FOR SG CAST IRON UPDATED.
M4	13/4/2017	LATEST ICF DRG. ALT. 'm' UPDATED ECN No.94310001
		VVS
		MVR
		-Sd- 21-02-2002
		SSE/D AME/BD
		(M) 04/2015
		NOTE-11 ADDED FOR REVISED STAMPING PARTICULARS.
		SSE/D SME/BD

NOTE:-

- TOLERANCES SHOWN FOR ROUGH CAST SHALL BE ADHERED STRICTLY.
- CASTINGS SHALL BE FREE FROM POROSITY AND BLOW HOLES.
- MACHINED COVERS SHALL BE PROPERLY CLEANED FREE FROM BURRS & SAND WITH SMOOTH SURFACE.
- DEVIATIONS ON TOLERANCED MACHINED DIMENSIONS SHALL BE TO IS: 2102 (PART-1) MEDIUM CLASS.
- THE FRONT COVERS SHALL BE THOROUGHLY CLEANED AND COATED WITH RUST PREVENTION OIL.
- FOLLOWING IDENTIFICATION DETAILS SHALL BE SUITABLY EMBOSSED BY CASTING IN 6mm HEIGHT LETTERS WITH 1.5mm PROJECTION.  
XXXX - MANUFACTURER NAME  
XX XX - MONTH AND YEAR OF MANUFACTURE (LAST TWO DIGITS ONLY)

IS: 14329 Gr. B1M 350  
OR  
SG. CAST IRON TO IS: 1865 GRADE SG 350/22

UN CONTROLLED

8	FRONT COVER	2		*	
		1			
QTY	DESCRIPTION & DIMENSION	ITEM	REF.DRGS	MAT.SPEC	WEIGHT/UNIT
2	GROUP: 0-2				
SUPERSEDED BY:					
SUPERSEDES: EMU/M-0-2-013 ALT V					
SCALE					
1:2.5	SSE/D	M. Subramanian			
1:1	ALD	S.N. Karthikeyan			
	DRN	S. Prabhakaran			
Alpha Alt-m					
INTEGRAL COACH FACTORY					
CHENNAI-3					
INDIAN RAILWAY STANDARDS					
SHEET 1 OF 1					
EMU/M-0-2-013					











MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315 - 1000	1000 - 2000	2000 - 4000	ABOVE 4000
TOLERANCE		±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3

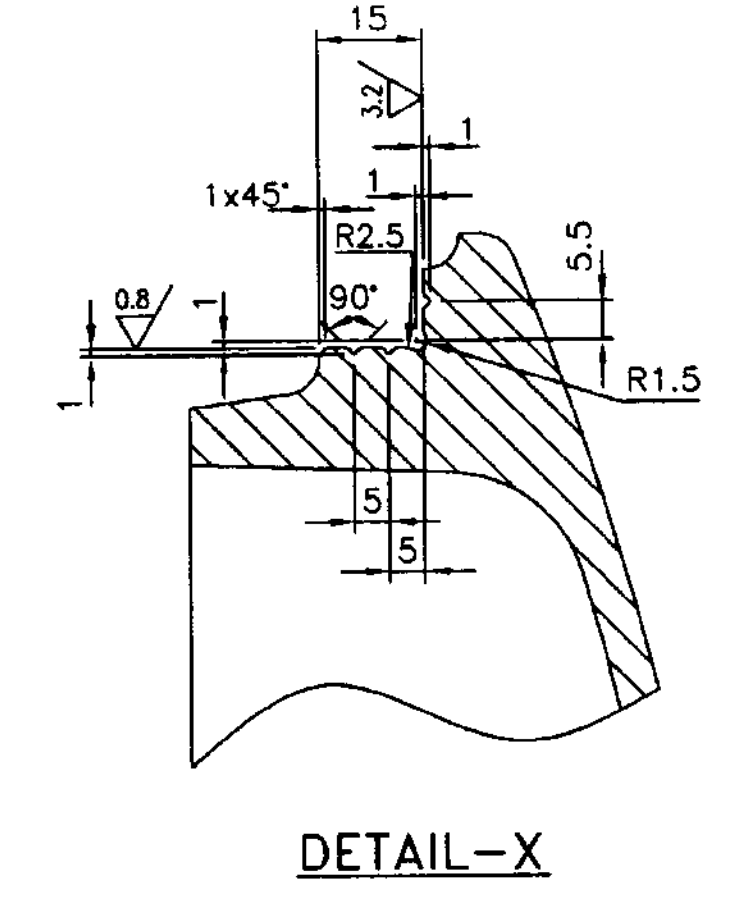
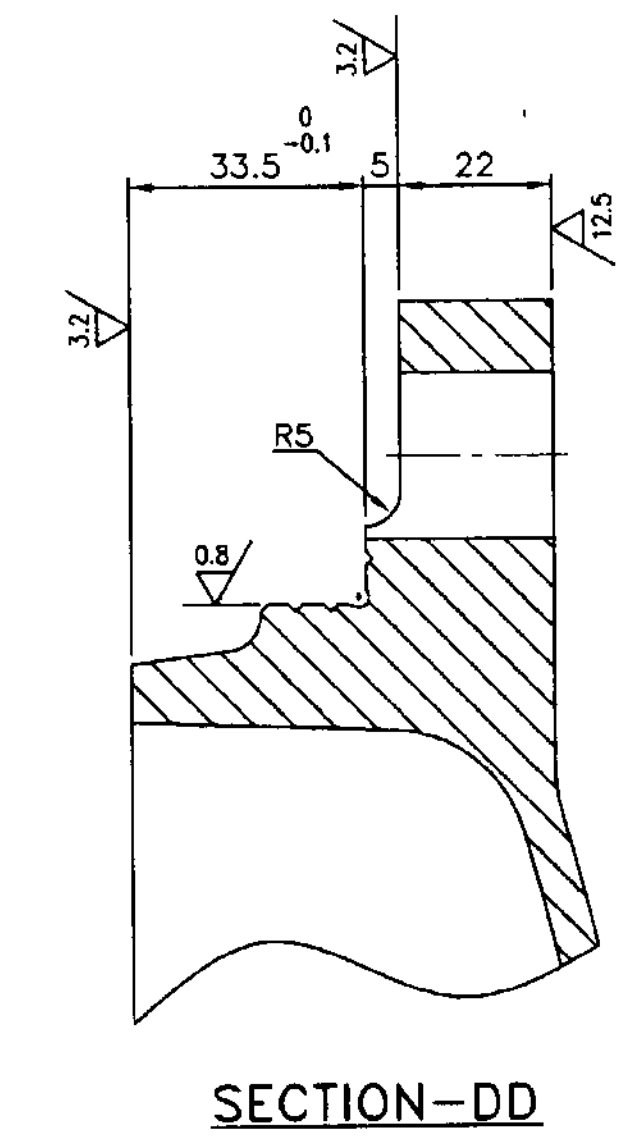
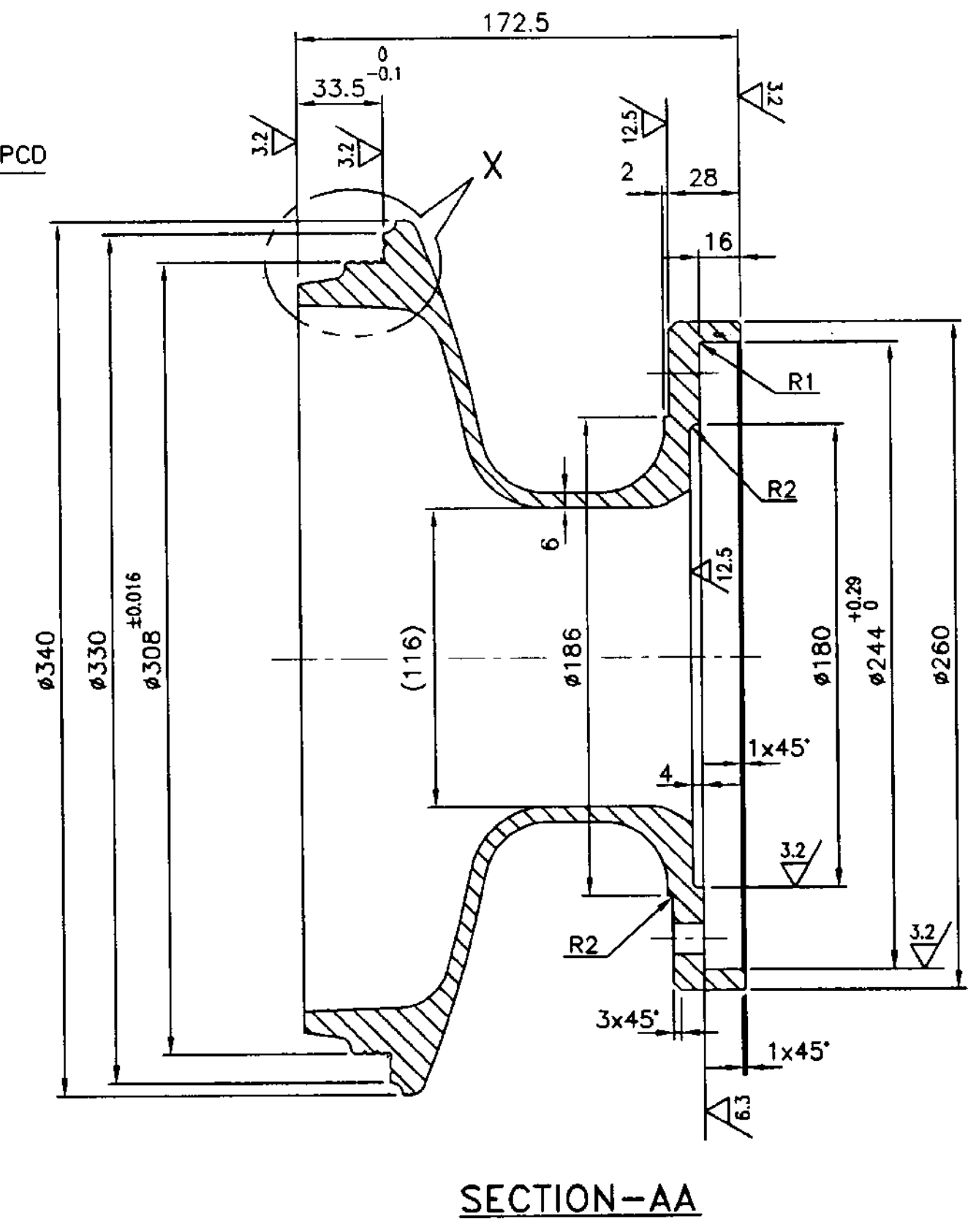
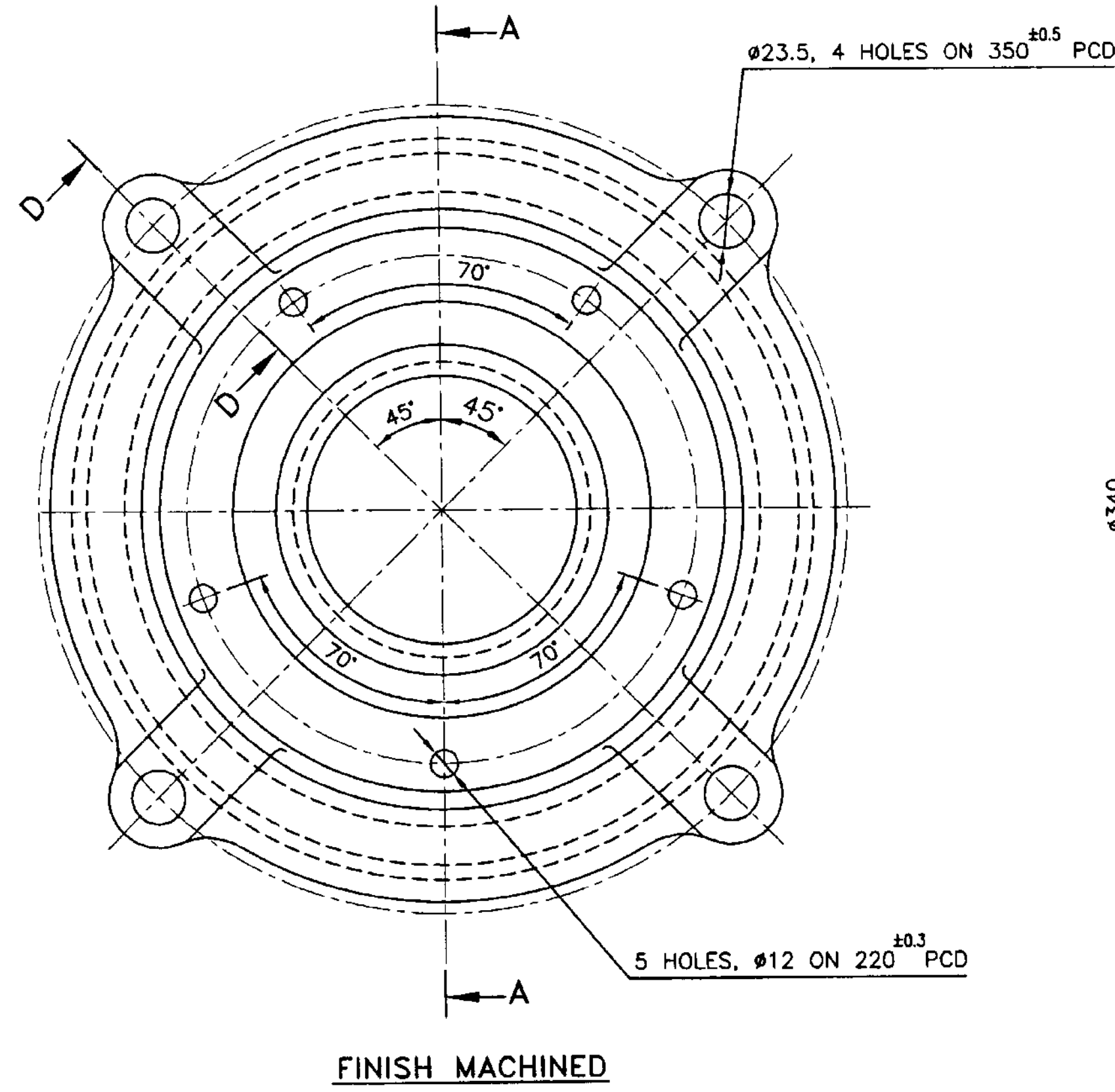
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227

UNSPECIFIED TOLERANCES FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEXIM)

QUALITY OF WELD JOINTS REF. IS:5817. PRE TREATMENT & PAINTING SHALL BE DONE AS PER RD-38

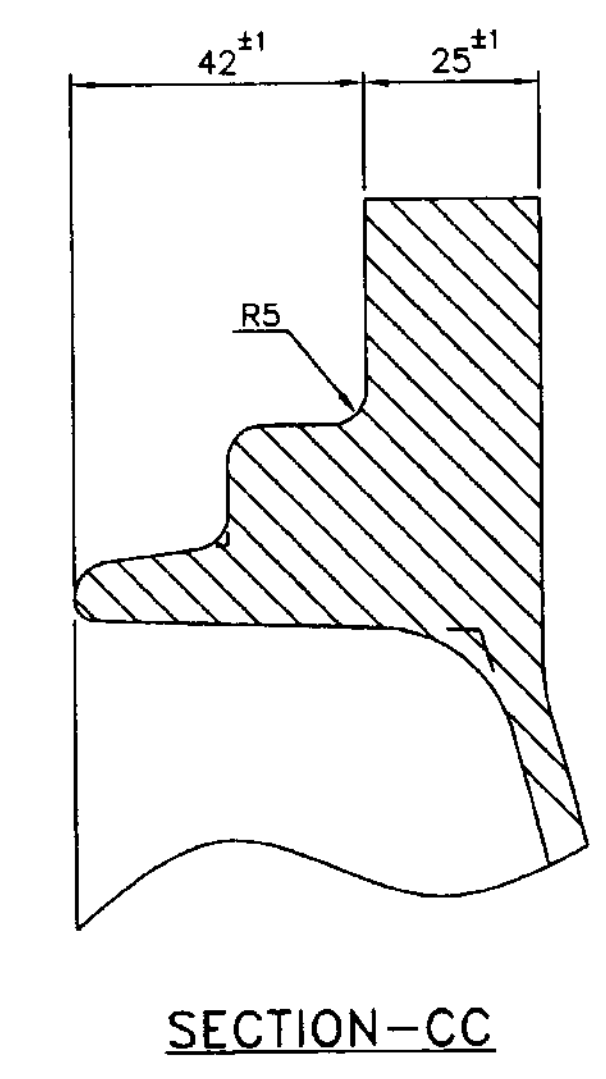
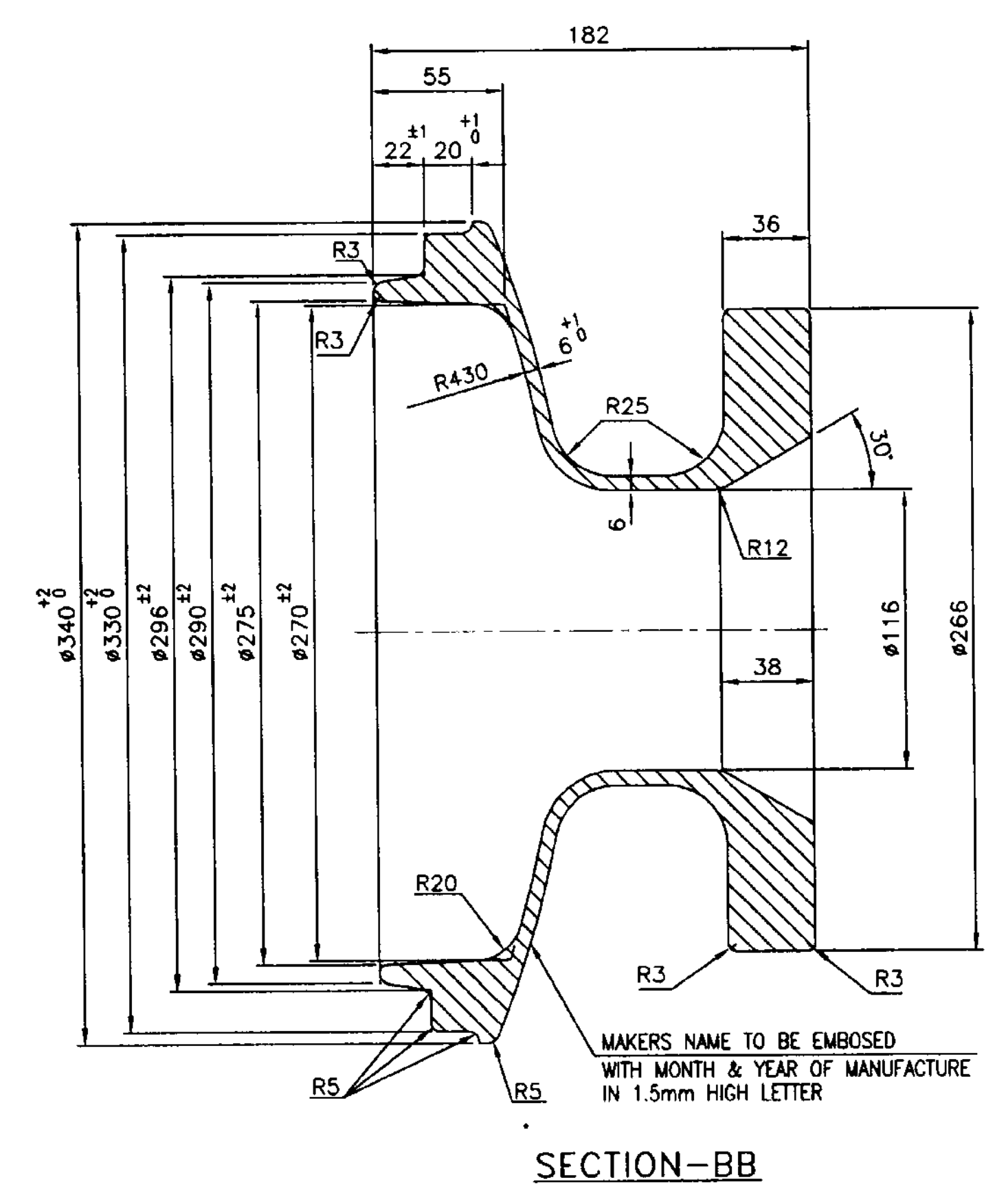
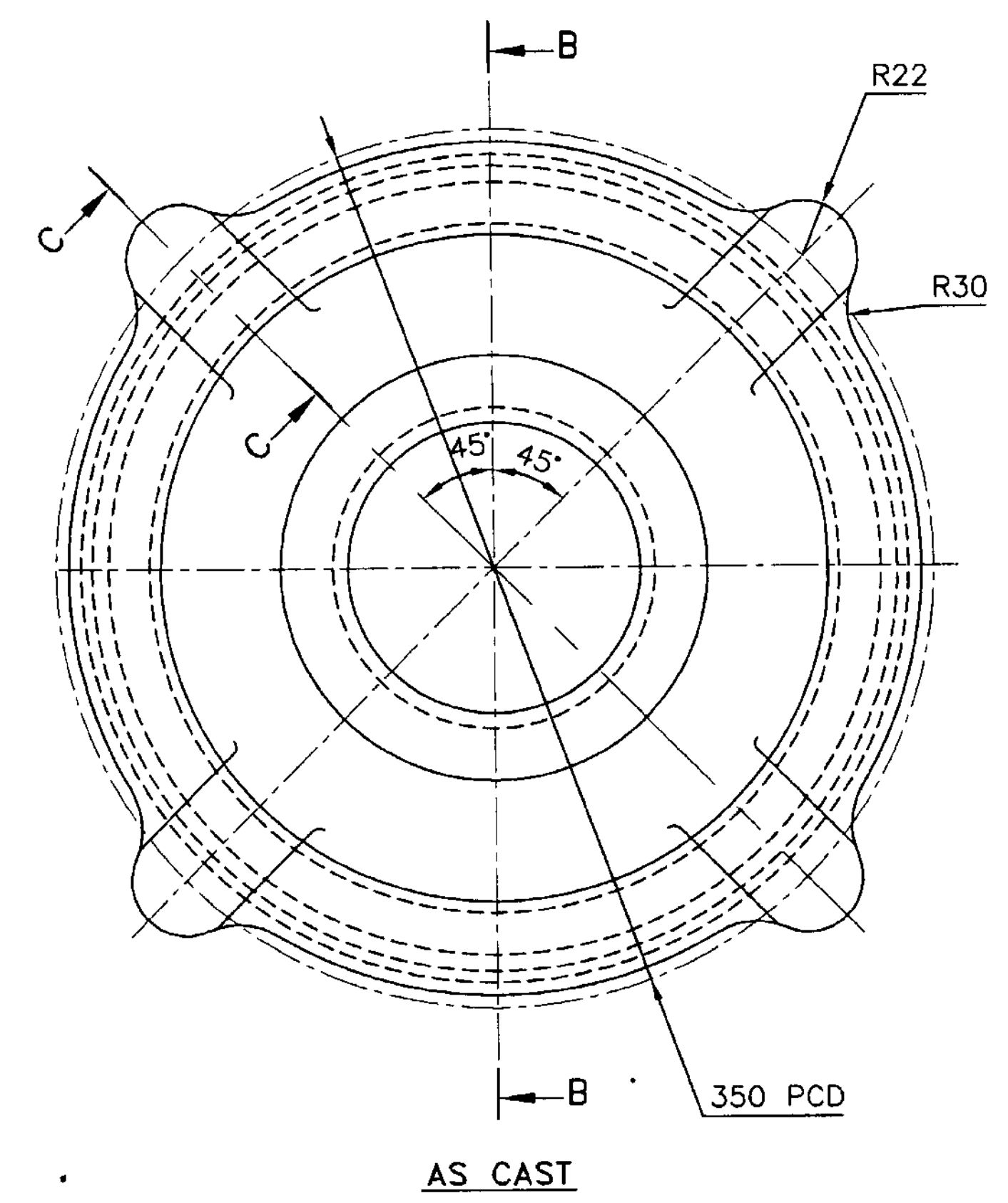
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012C. PROTO / PILOT / PRODUCTION

WELDING SHALL BE CARRIED OUT AS PER IS:9596-96



- NOTE:-**
- MATERIAL : IS:14329-1995, Gr.BM 350 OR SG CAST IRON TO IS:1865-91 Gr.SG 350/22
  - DEVIATIONS ON UNTOLERANCED CAST DIMENSIONS SHALL BE TO IS:4897-1994, CLASS-2.
  - TO BE FULLY SHOT BLASTED TO Sa 2 1/2 & PAINT WITH RED-OXIDE ZINC CHROMATE PRIMER TO IS:2074-92, DFT 40 $\mu$ -80 $\mu$ .
  - MANUFACTURER MUST FURNISH TEST CERTIFICATES FOR CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES FOR EACH BATCH OF SUPPLY.
  - THE MACHINED SURFACES SHALL BE COATED WITH RUST PREVENTIVE FLUID TO IS:1154-2000.
  - CASTING SHALL BE FREE FROM POROSITY & BLOW HOLES.

**UN CONTROLLED**



GRADE	NO.	DATE	BY	APP.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

SL.No.	QTY	DRG. / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS STD.	Wt. (kg)
DETAIL PARTS						
PRODUCT: 8W CMV / OHE						
SCALE: NTS						
SURFACE TREATMENT: NTS						
QTY: 1						
NEXT ASSY: 922						
MODEL: 922						
REF DRG: 922-81002						
APPROVED: [Signature]						
CHECKED: [Signature]						
DRAWN: [Signature]						
DRG No. 922-81119						
BEMIL LIMITED, R&D, BANGALORE COMPLEX, BANGALORE 560 075						