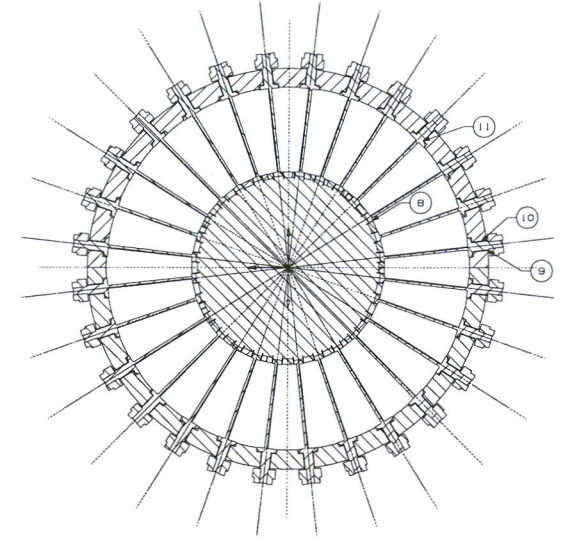
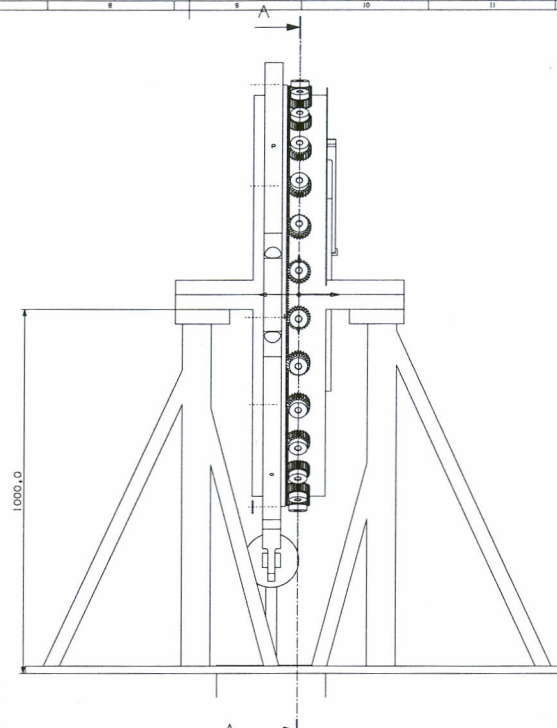
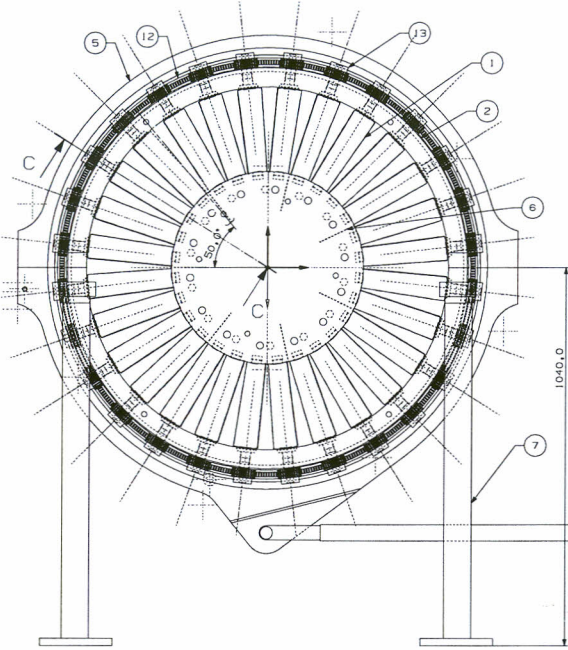


FIRST ANGLE PROJECTION

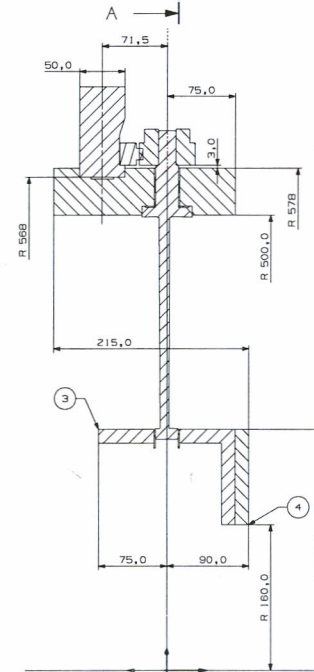
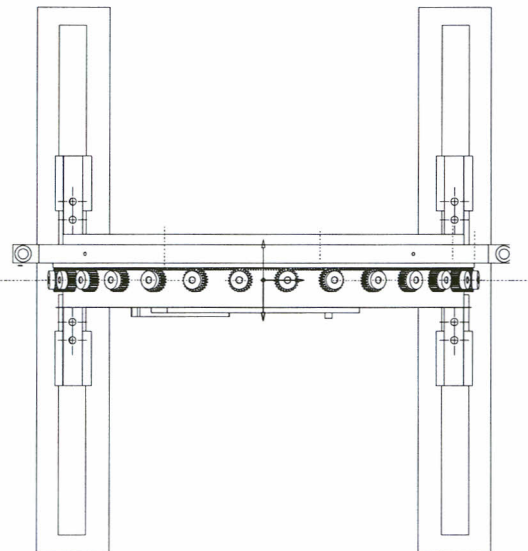
(ALL DIMENSIONS ARE IN mm)

XX/XXXX-XX-XX-0

1:1000, 1:1000, 1:1000



SECTION A-A



SECTION C-C

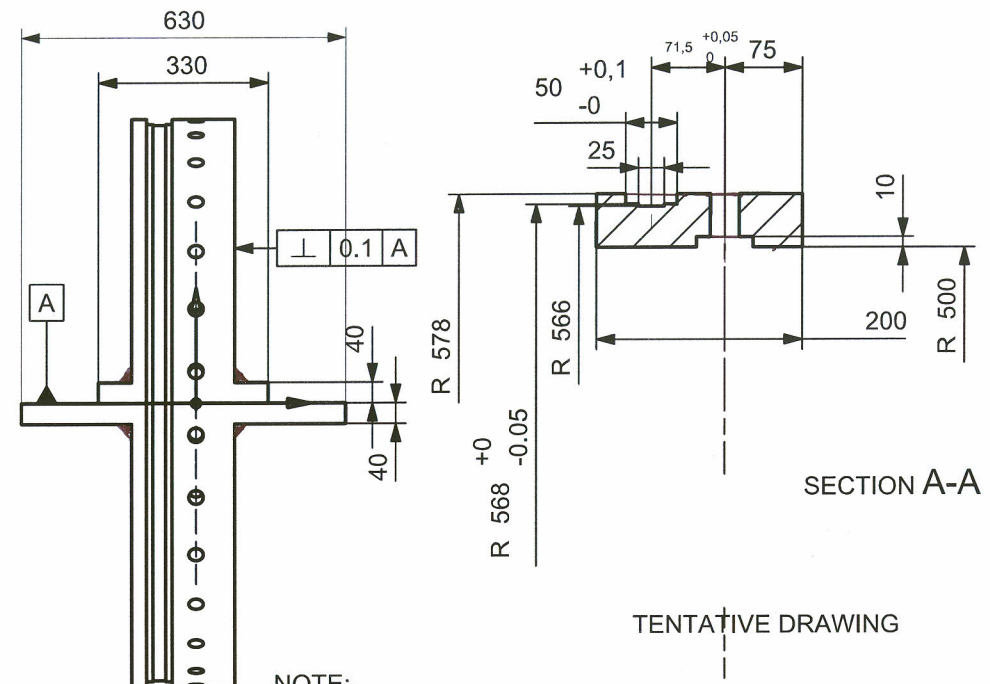
NOTE:-
1. DIMENSIONS SHOWN ARE TENTATIVE, SUBJECT TO MINOR CHANGES WHICH WILL NOT HAVE COST IMPLICATIONS.

S.NO	DESCRIPTION	MATERIAL	QTY	DRAWING NO
13	PINION GEAR	28	----	
12	RACK GEAR	1	----	
11	SHROUD WASHER	28	----	
10	SHROUD BUSH MIDDLE	28	----	
9	SHROUD BUSH	56	----	
8	HUB BUSH	28	----	
7	STAND FOR IGV MECHANISM	1 SET	RDDG3TM1608	
6	HUB SUPPORT	4	RDDG3TM1607	
5	CARRIER RING	1 SET	RDDG3TM1606	
4	IGV INNER RING	1	RDDG3TM1605	
3	IGV HUB	1SET	RDDG3TM1604	
2	IGV SHROUD	1 SET	RDDG3TM1603	
1	BLADE	28	----	

TENTATIVE DRAWING

TYPE OF PRODUCT		IGV MECHANISM COMPONENTS	
NAME OF CUSTOMER/PROJECT		HYDERABAD	
DATE	10/10/2018	DATE	10/10/2018
BY	10/10/2018	BY	10/10/2018
CHKD	10/10/2018	CHKD	10/10/2018
APPR	10/10/2018	APPR	10/10/2018
SCALE		SCALE	
WEIGHT		WEIGHT	
REF. TO		REF. TO	
FILE		FILE	
DRAWING NO.		DRAWING NO.	
SHEET NO.		SHEET NO.	
NO OF SHEETS		NO OF SHEETS	

(ALL DIMENSIONS ARE IN mm)



TENTATIVE DRAWING

1.DIMENSIONS SHOWN ARE TENTATIVE,
SUBJECTED TO MINOR CHANGES WHICH WILL NOT
HAVE COST IMPLICATIONS.

2.GENERAL TOLERANCES +/- 0.2.

3.MATERIAL :IS 2062 FE 410 W

4.CENTER OF Ø28 AND Ø 55 DRILLED HOLES SHOULD BE
CONCENTRIC AS PER GIVEN TOLERANCE.

5.CENTER OF Ø 28 AND Ø 55 DRILLED HOLES SHOULD
ALSO BE CONCETRIC WITH Ø28 HOLES DRILLED ON "IGV HUB"
(DRAWING NO:RDDG3TM1604)

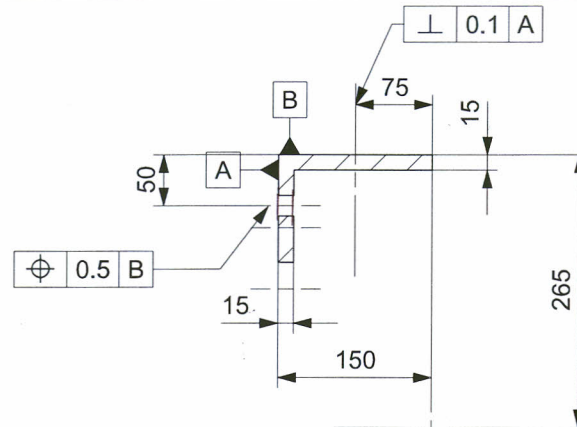
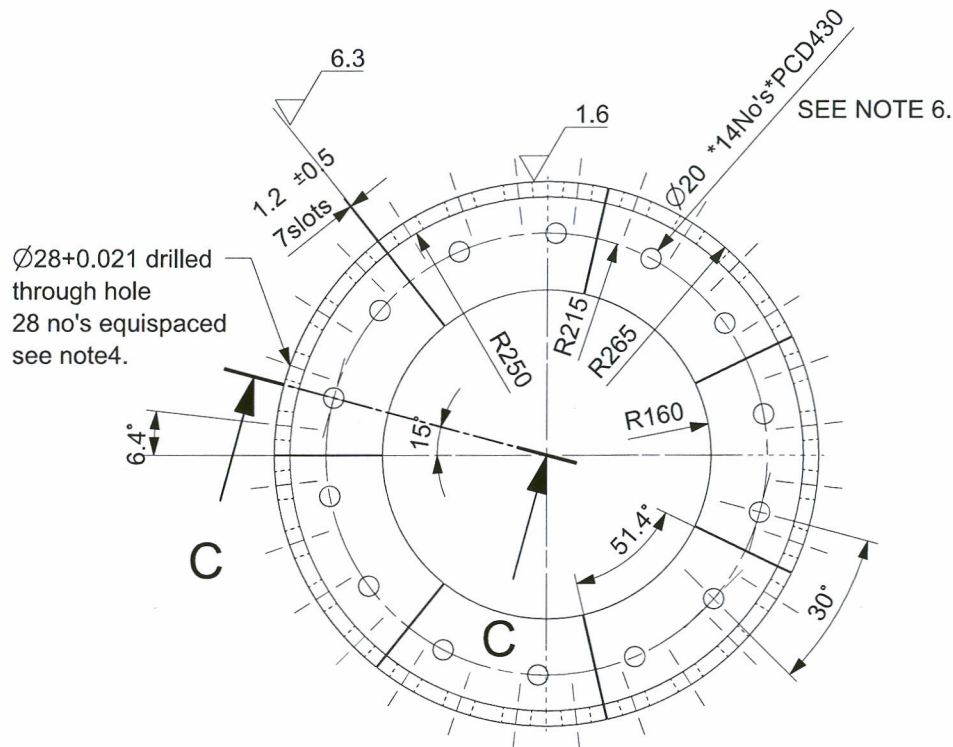
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT				IGV MECHANISM COMPONENTS				
 BHARAT HEAVY ELECTRICALS LTD. HYDERABAD					NAME	SIGN.	DATE	NO.OF
				DRN.	ALP	<i>AS</i>	27-02-2017	VAR.
				CHD.	ABERA	<i>Abn</i>	27-02-2017	NA
				APPD.	PGS	<i>Pm</i>	27-02-2017	
DEPT. TML			SCALE NA	WEIGHT (KG)	REF. TO ASSY DRG. RDDG3TM1600		ITEM NO.	NO.OF ITEMS
CODE 50						2	1	
TITLE IGV SHROUD				CARD CODE NA	DRAWING NO. RDDG3TM1603			REV. 01
				SHEET No.: 1		NO OF SHEETS: 1		

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. RDDG3TM1604

TENTATIVE DRAWING

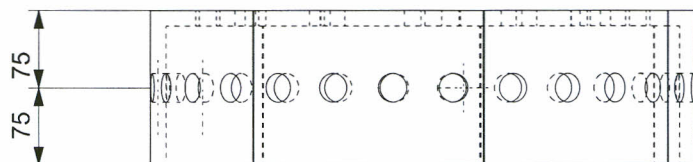


SECTION C-C

3.2 ✓ 1.6 ✓ 6.3 ✓

NOTE:-

- 1.DIMENSIONS SHOWN ARE TENTATIVE, SUBJECTED TO MINOR CHANGES WHICH WILL NOT HAVE COST IMPLICATIONS.
- 2.GENERAL TOLERANCES ± 0.2 .
- 3.MATERIAL :IS 2062 FE 410 W
- 4.CENTER OF DIA 28+0.021 HOLES ON IGV HUB AND CENTER OF DIA 28+0.021 HOLES ON IGV SHROUD AS GIVEN IN DRAWING NO:RDDG3TM1603 SHOULD BE COAXIAL AND PASS THROUGH THE CENTER OF IGV HUB AFTER ASSEMBLY.
- 5.OUTER SURFACE OF IGV HUB (OD : R265) MUST FORM A CIRCULAR SHAPE, AFTER ASSEMBLY OF SEVEN SECTORS WITH THE INNER RING AS GIVEN IN THE DRAWING (No: RDDG3TM1605)
- 6.Ø20 DRILLED HOLES OF IGV HUB SHOULD BE CONCENTRIC WITH Ø20 HOLE OF "IGV INNER RING" GIVEN IN (Drawing No: RDDG3TM1605).



TYPE OF PRODUCT IGV MECHANISM
OR
NAME OF CUSTOMER/PROJECT COMPONENTS

बी एच ई एल 		BHARAT HEAVY ELECTRICALS LTD.		NAME		SIGN.		DATE		NO.OF VAR.			
		HYDERABAD		DRN. ALP				13-02-2017					
				CHD. A BERA				14-02-2017		NA			
				APPD. PGS				15-02-2017					
DEPT. TML				SCALE NTS		WEIGHT (KG) NA		REF. TO ASSY DRG. RDDG3TM1600		ITEM NO. 3		NO.OF ITEMS 1	
CODE 50													
TITLE IGV HUB						CARD CODE NA		DRAWING NO. RDDG3TM1604				REV. 0	
								SHEET No.: 1				NO OF SHEETS: 1	

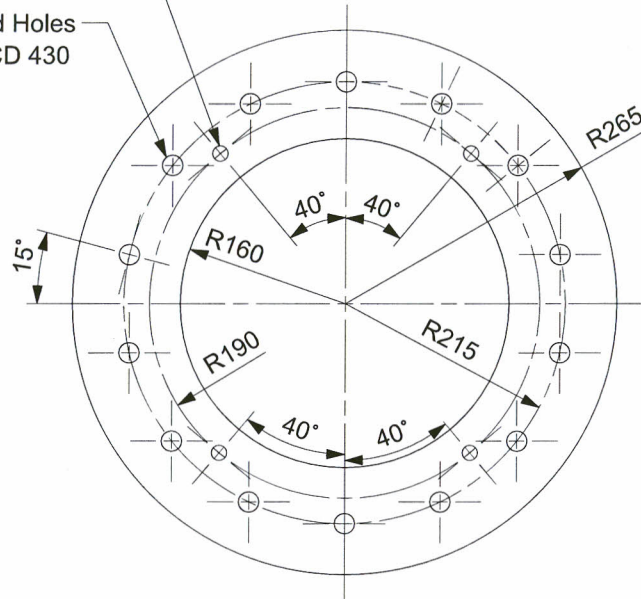
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. RDDG3TM1605

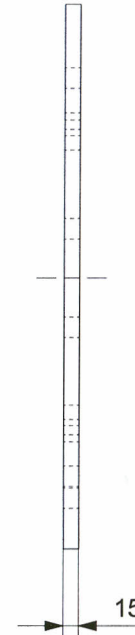
4No.s $\varnothing 20$ Drilled Holes
on PCD 380

14No.s $\varnothing 20$ Drilled Holes
equispaced on PCD 430
see note 4.



NOTE:-

- 1.DIMENSIONS SHOWN ARE TENTATIVE, SUBJECTED TO MINOR CHANGES WHICH WILL NOT HAVE COST IMPLICATIONS.
- 2.GENERAL TOLERANCES ± 0.2 .
- 3.MATERIAL :IS 2062 FE 410 W
4. $\varnothing 20$ DRILLED HOLES SHOULD BE CONCENTRIC WITH $\varnothing 20$ HOLE OF "IGV HUB" GIVEN IN DRAWING NO:RDDG3TM1604



TENTATIVE DRAWING

TYPE OF PRODUCT

OR
NAME OF CUSTOMER/PROJECT

IGV MECHANISM
COMPONENTS



BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD

NAME	SIGN.	DATE	NO.OF VAR.
DRN. ALP	AS	13-02-2017	
CHD. A BERA	AB	14-02-2017	NA
APPD. PGS	PN	15-02-2017	

DEPT.	SCALE	WEIGHT (KG)	REF. TO ASSY DRG.	ITEM NO.	NO.OF ITEMS
TML	NTS	NA	RDDG3TM1600	4	1
CODE 50					

TITLE
IGV INNER RING

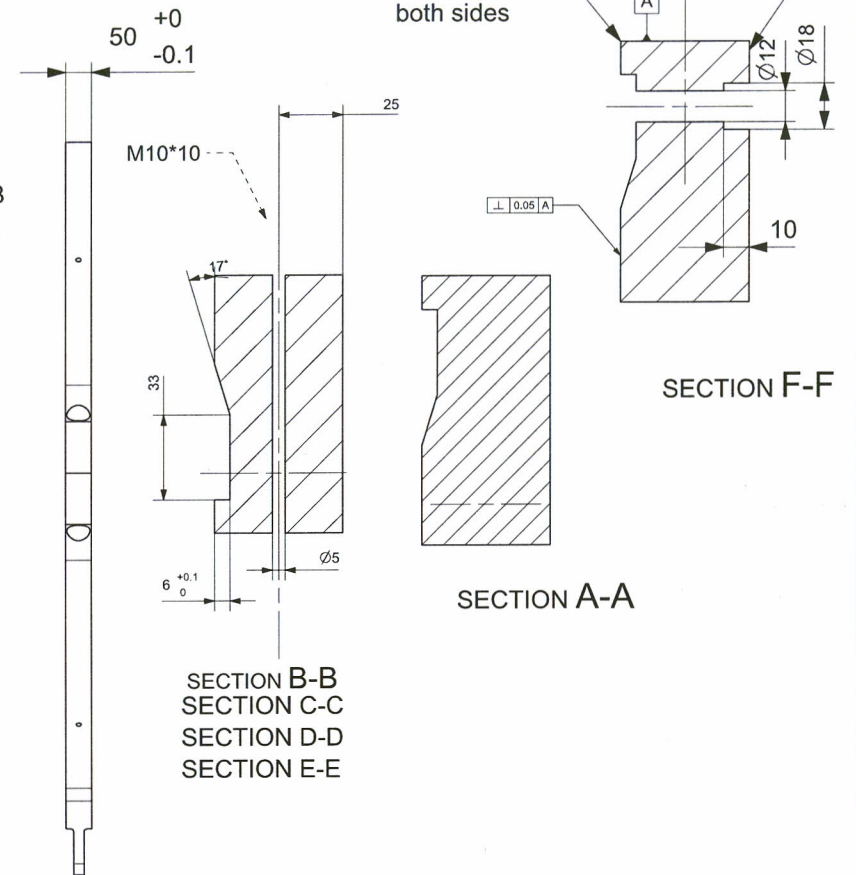
CARD CODE
NA

DRAWING NO.
RDDG3TM1605

REV.

SHEET No.: 1 NO OF SHEETS: 1

(ALL DIMENSIONS ARE IN mm)



TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	IGV MECHANISM COMPONENTS
---	-----------------------------

4. OD OF CARRIER RING TO BE GRINDED AFTER CUTTING TO MAKE AUSTHETICALLY LOOK GOOD.

		BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		NAME		SIGN.	DATE	NO.OF
DRN.				ALP			22-02-2017	VAR.
CHD.				A BERA			23-02-2017	NA
APPD.				PGS			24-02-2017	
DEPT.		SCALE	WEIGHT (KG)	REF. TO ASSY DRG.		ITEM NO.	NO.OF ITEMS	
TML		NTS	NA	NA RDDG3TM1600		5	1	
CODE	50			DRAWING NO.		REV.		
				RDDG3TM1606		01		
TITLE				CARD CODE	SHEET No. 1			
CARRIER RING				NA	NO OF SHEETS: 1			

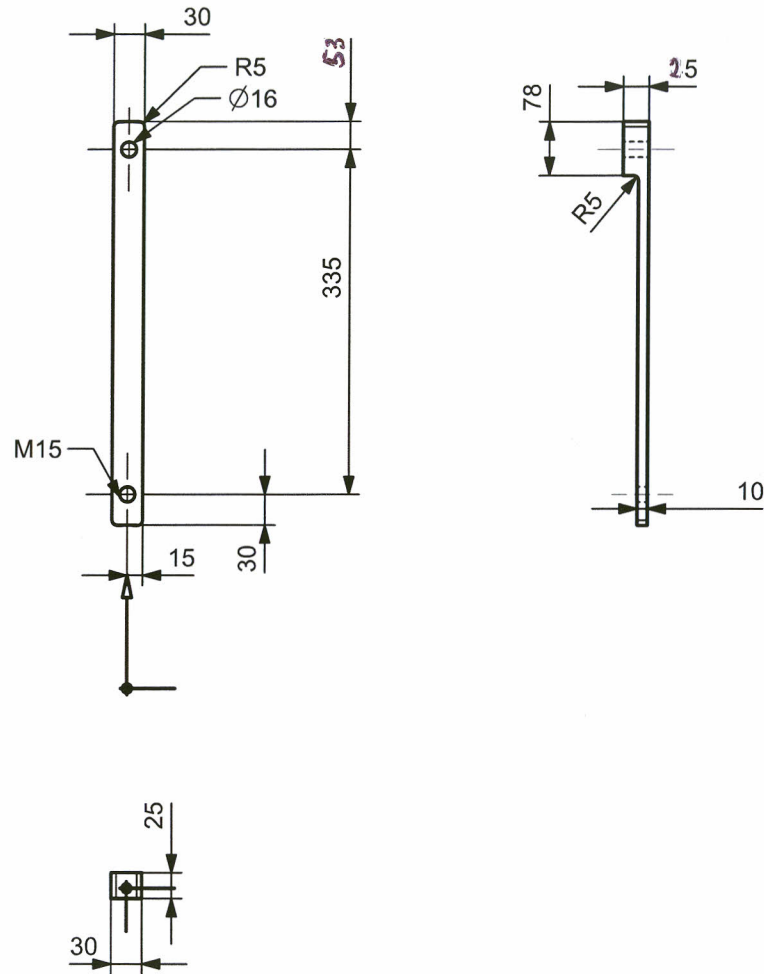
INVENTORY NO. SIGN. AND DATE COMP. FILE NAME

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FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. RDDG3TM1607/00



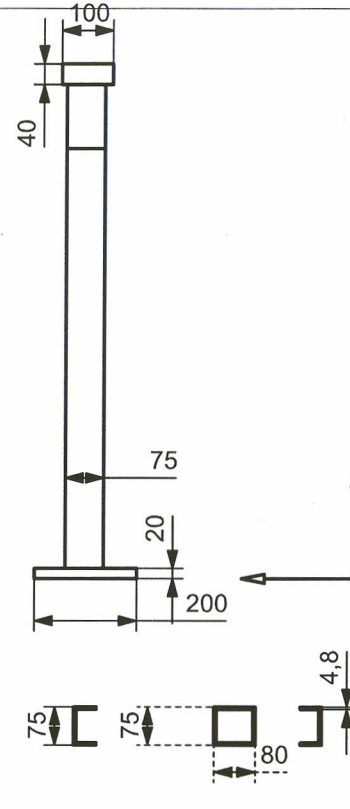
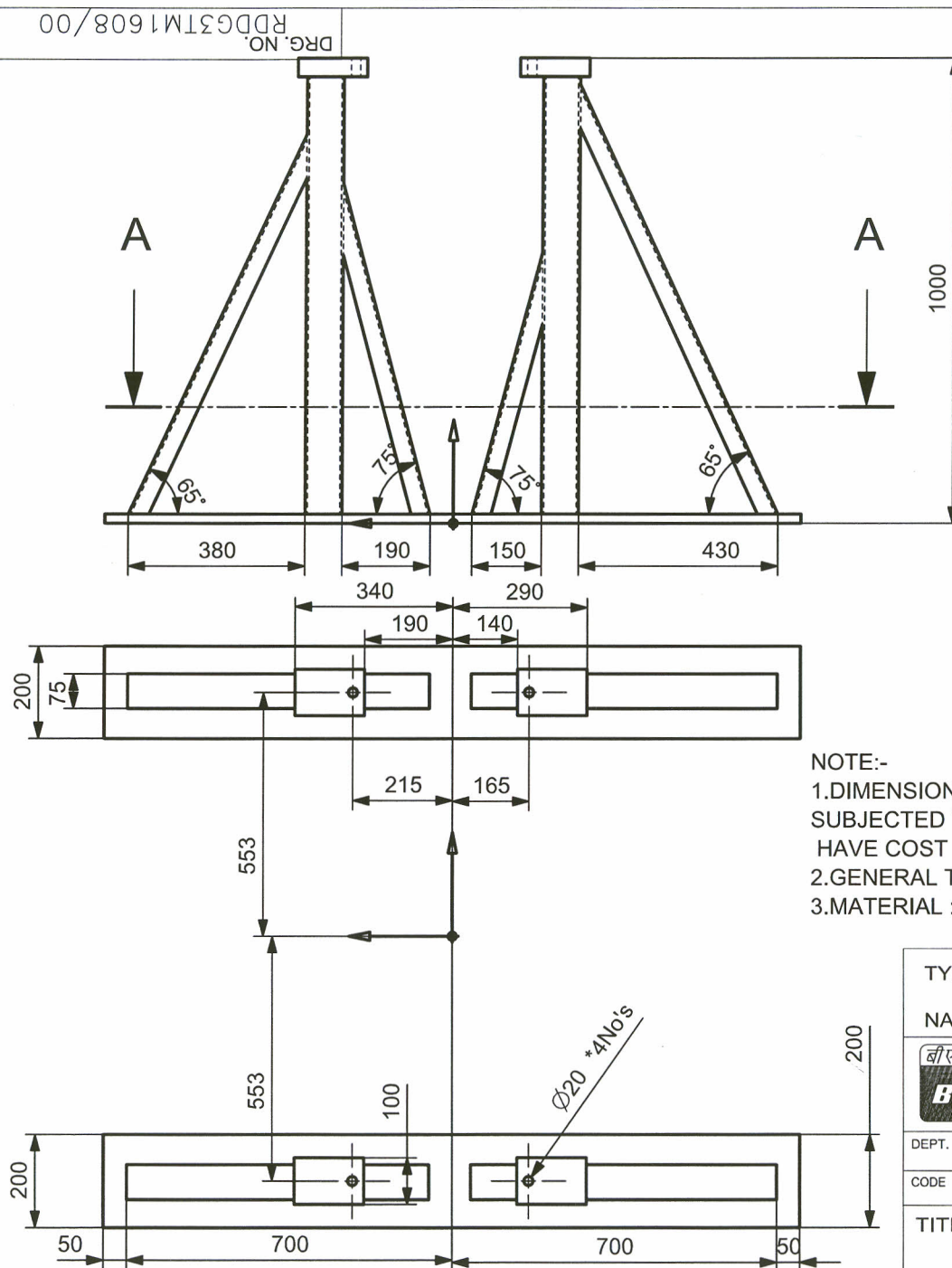
NOTE:-
1.DIMENSIONS SHOWN ARE TENTATIVE,
SUBJECTED TO MINOR CHANGES WHICH WILL NOT
HAVE COST IMPLICATIONS.
2.MATERIAL : IS 2062 FE 410 W
3.GENERAL TOLERANCES ± 0.2 .

TENTATIVE DRAWING

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		IGV MECHANISM COMPONENTS				
 BHARAT HEAVY ELECTRICALS LTD. HYDERABAD		NAME	SIGN.	DATE	NO.OF VAR.	
		DRN. ALP	AB	25-02-2017		
		CHD. A.BERA	AB	27-02-2017		
		APPD. PGS	PLW	28-02-2017	NA	
DEPT. TML		SCALE NA	WEIGHT (KG)	REF. TO ASSY DRG. RDDG3TM1600	ITEM NO. 6	NO.OF ITEMS 4
CODE 50		TITLE HUB SUPPORT		CARD CODE NA	DRAWING NO. RDDG3TM1607	REV. 01
		SHEET No.: 1		NO OF SHEETS: 1		

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)



SECTION A-A

NOTE:-

- 1.DIMENSIONS SHOWN ARE TENTATIVE, SUBJECTED TO MINOR CHANGES WHICH WILL NOT HAVE COST IMPLICATIONS.
- 2.GENERAL TOLERANCES +/- 0.2.
- 3.MATERIAL : IS 2062 FE 410W

TENTATIVE DRAWING

TYPE OF PRODUCT
OR
NAME OF CUSTOMER/PROJECT

IGV MECHANISM
COMPONENTS



BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD

DEPT.
CODE



SCALE
NA

WEIGHT (KG)

REF. TO ASSY DRG.
RDDG3TM1600

ITEM
NO.
NA

TITLE
STAND FOR
IGV MECHANISM

CARD
CODE
NA

DRAWING NO.
RDDG3TM1608

REV.
01

SHEET No.: 1 NO OF SHEETS: 1

NO.OF
VAR.
NA

NO.OF
ITEMS
1