

1. MINIMUM HARDNESS ON TREAD 300 BHN UP TO 20 mm DEPTH.
2. THE DIFFERENCE IN DIAMETERS OF TWO WHEELS FOR ONE CRANE SHOULD BE WITHIN 0.2 mm.

17	GREASE NIPPLE	1/4" BSP	15:4009	2	
16	KEY 25 x 14 x 140		15:2048	1	0.384
15	KEY 32 x 18 x 150		15:2048	1	0.878
14	SPRING WASHER B 20		SPRING STEEL		0.0152
13	HEX. NUT M 20		15:3063	4	
12	HEX. BOLT M 20 x 80		B 8	15:1363	4
11	SPRING WASHER B 12		B 8	15:1363	4
10	HEX. BOLT M 12 x 110		SPRING STEEL		0.00382
9	SPACER	4-7-1195-02-02288	15:3063	8	
8	SPHERICAL ROLLER BEARING 22222C	110 x 200 x 53	B 8	15:1363	8
7	BEARING COVER	4-7-1195-02-02287	Fe 410 W		0.88
6	BEARING COVER	4-7-1195-02-02286	15:2062	1	
5	BEARING COVER	4-7-1195-02-02285	SKF		3.0
4	BEARING BLOCK SEAT	4-7-1195-02-02284	Fe 410 WA		3.42
3	BEARING BLOCK	4-7-1195-02-02283	15:2062	1	
2	DRIVING AXLE	4-7-1195-02-02281	Fe 410 WA		4.3
1	DRIVING WHEEL	4-7-1195-02-02289	15:2062	1	
			Fe 410 WA		3
			15:2062	2	
			Fe 410 WA		1.50
			15:2062	4	
			Fe 410 WA		17.0
			15:2062	2	
			55C 8		36.85
			15:5517	1	
			55C 8 (FORGE)		255
			15:5517	1	
ITEM NO.	DESCRIPTION	DRAWING NO.	MATL. CODE	UNIT WT.	
			MATL. SPEC.	QTY.	

EQPT: M/S SHIRKE 10/5 T & (5+5) T.

 Bharat Heavy Electricals Ltd., SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI-620 014		DRN M. P. MURUGAN CHD J. J. J. J. J. APPD. S. S. S. S. S.	NAME SIGN NO DATE 31.12.91 19.12.91 23.12.91	ITEM No	
DEPT	GRADE OF UNTOLODIM	SCALE	WEIGHT (kg)	REF TO ASSY/OLD DRG	ITEM No
CODE	C/M/F		363	W-500-01 H&T	
TITLE	DRIVE WHEEL ASSY (ø 500 LT WHEEL ASSY)		CARD CODE UOI	DRAWING NO.	REV
				2.7.1195.02.02115	01

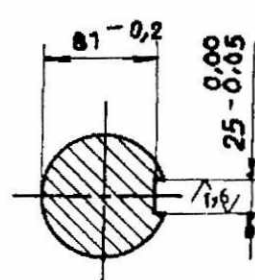
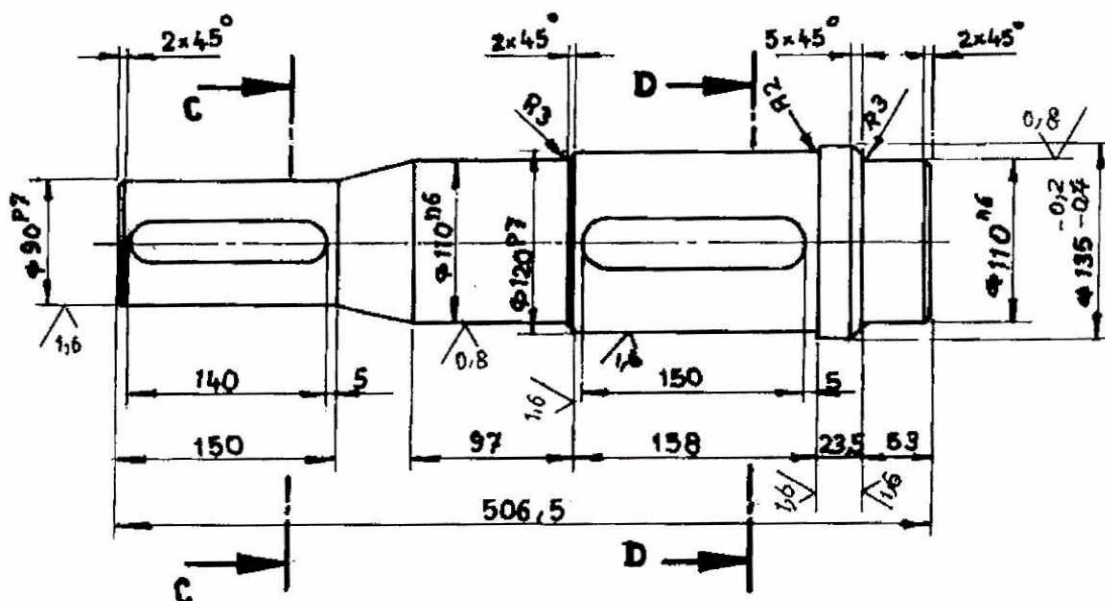
S 27-049

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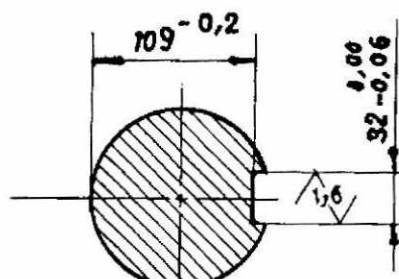
FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

REV	DATE	ALTERED
01	3-1-96	Checked: J. Chinn
ZONE		APPD: J. Chinn
MTL-SPCN 55C8 IS: 5517		
WAS CSS MN 25 IS: 5517		

3,2 / 1,6 / 0,8



SECTION - CC



SECTION - DD

110 n6	+0,045
	+0,023
120 P7	+0,072
	+0,037
90 P7	+0,072
	+0,037

		55C8 IS: 5517	
ITEM NO.	DESCRIPTION	MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: EOT CRANE, TYPE - SHIRKE 10/5 T. x 28,5 M. (5+5T) x 28,5 M



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620 014

DRN	NAME	SIGN	DATE
CHD	J. Chinn	J. Chinn	16-05-90
APPD	J. Chinn	J. Chinn	19-12-91
			23-12-91

DEPT	GRADE OF UNTO. DIM	SCALE	WEIGHT (kg)	REF TO ASSY HOLD DRG	ITEM NO.
CODE	C/M/F	1	36,85	2.7-1195.02-02115 W-500-02/2	2

DRIVING AXLE
(Ø 500 LT WHEEL ASSY)

CARD CODE	DRAWING NO.	REV
U 01	4.7 1195.02.02281	01

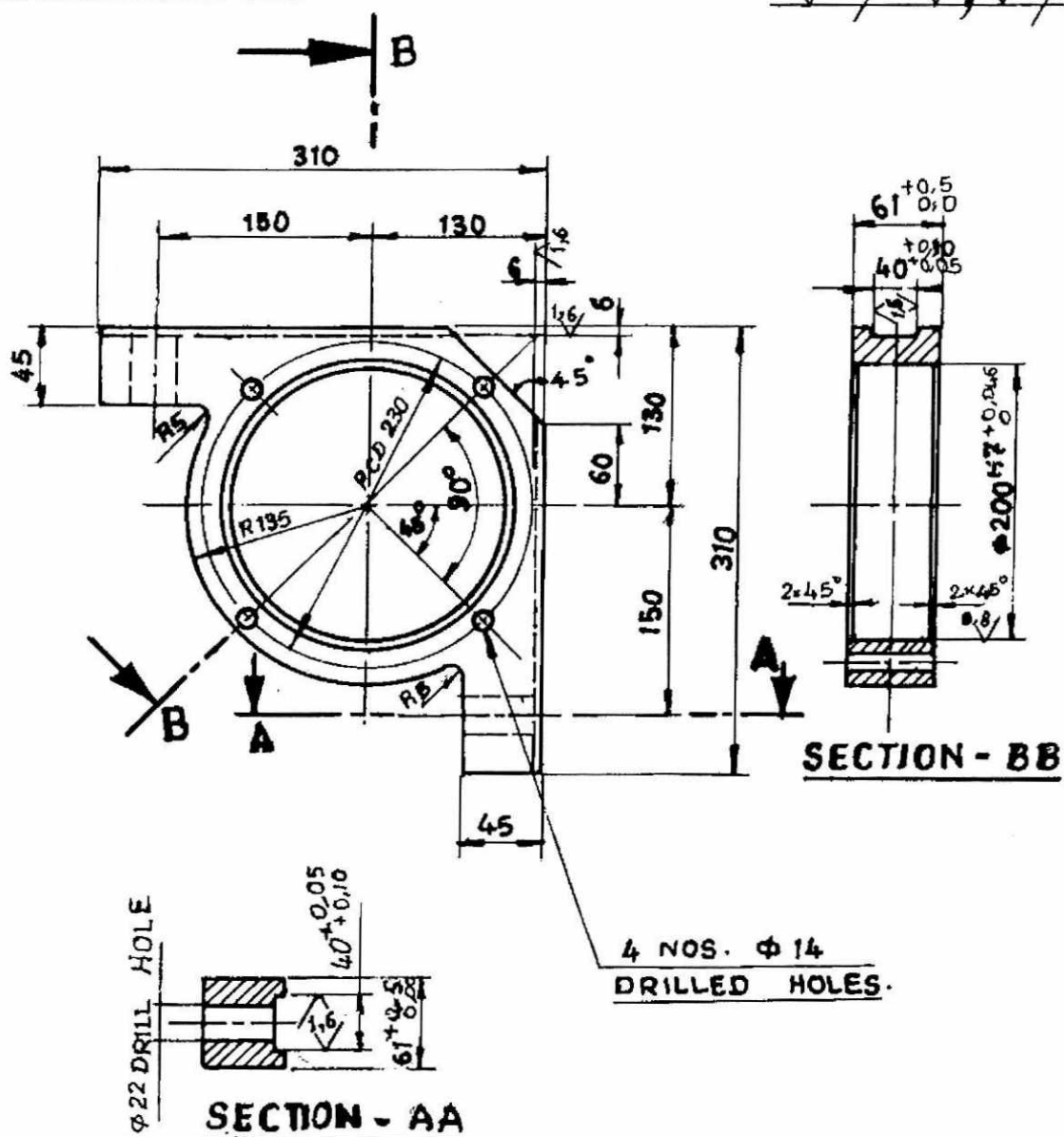
FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

S 27-089

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REV	DATE	ALTERED
01	6.10.91	CHECKED: J. Chari
ZONE	APPRO: J. Chari	
MATERIAL SPEC. FE410WB		
IS:2062 NAC 80 EC:226		

3.2 / 1.6, 0.8 /



ITEM NO.	DESCRIPTION	FE410WB IS:2062	2
		MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: EOT CRANE TYPE - SHIRKE 10/5T. x 28.5 M. AND (5+5) T x 28.5 M



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI 620 014

DRN	NAME	SIGN	DATE
CHD	J. Chari	J. Chari	15-5-90
APPO	J. Chari	J. Chari	19-12-91
			23-12-91

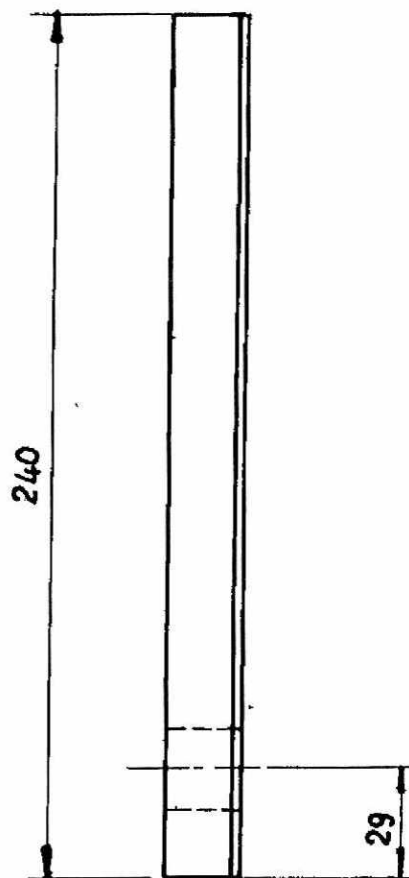
DEPT	GRADE OF UNTO. DIM	SCALE	WEIGHT (kg)	REF TO ASSY / OLD DRG	ITEM NO.
CODE	C/M/F	1	17.0	2-7. 1195.02.02115 W-500-02/4	3
TITLE			CARD CODE	DRAWING NO.	REV
BEARING BLOCK (Ø 500 LT WHEEL ASSY)			U 01	4.7. 1195.02.02283	01

FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

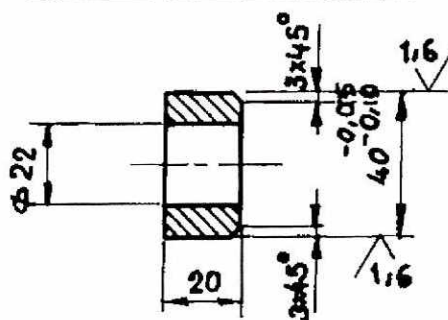
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REV 01	DATE 3-1-90	ALTERED : <i>[Signature]</i>
		CHECKED : <i>J. UNAL</i>
ZONE	APPD : <i>[Signature]</i>	
MTL-SPCN Fe 410 WA IS:2062 WAS C-20 IS:226		



3,2 / 1,6



ITEM NO.	DESCRIPTION	Fe 410 WA IS:2062	
			4
		MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: EOT CRANE TYPE-SHIRKE 10/5T.x28,5 (5+5)T x 28,5 M



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620 014

DRN	NAME	SIGN	DATE
CHD	<i>[Signature]</i>	<i>[Signature]</i>	15-05-90
APPD	<i>[Signature]</i>	<i>[Signature]</i>	19-12-91
		<i>[Signature]</i>	23 12 91

DEPT	GRADE OF TOL. DIM C/M/F	SCALE	WEIGHT (kg)	REF TO ASSY / OLD DRG	ITEM NO.
CODE		1:2	1,50	2.7-1195-02-02115 W-500-02/5	4
TITLE			CARD CODE	DRAWING NO.	REV
BEARING BLOCK SEAT (5500 LT WHEEL ASSY)			U 01	4 7.1195-02-02204	01

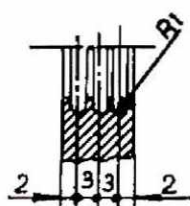
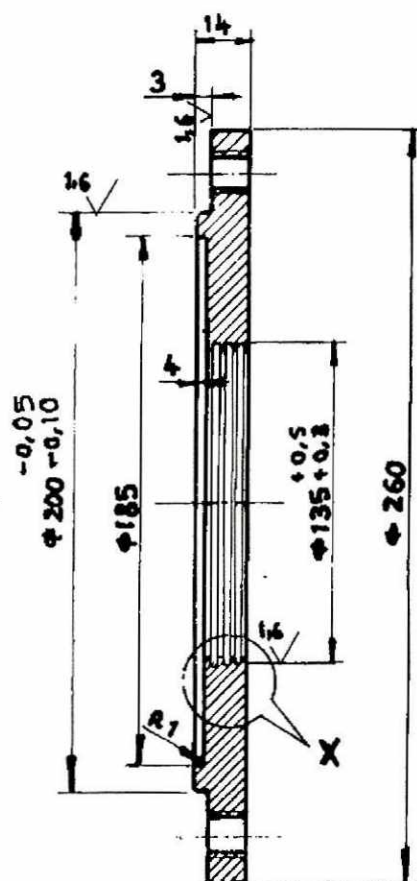
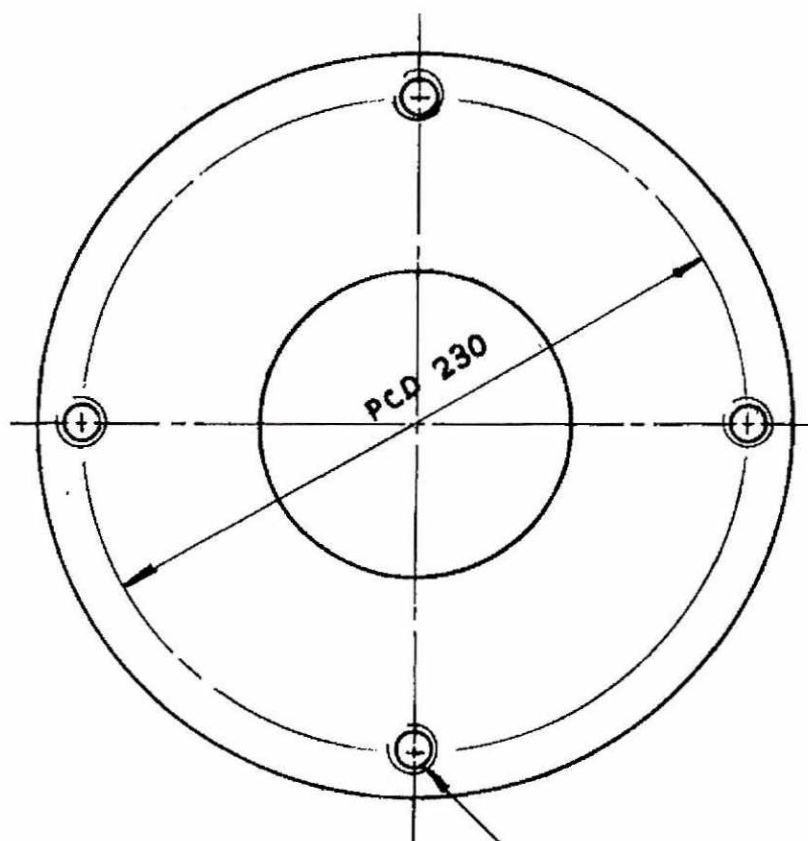
FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

S 27-009

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REV	DATE	ALTERED
01	3-1-90	CHECKED: J. JMN
ZONE	APPD: J. JMN	
MTL: SPEN FE410WA IS: 2062		
WAS C-20 IS: 226		

3,2 / 1,6



DETAIL - X

4 NOS. M12 TAPED HOLES
EQUI SPACED

ITEM NO.	DESCRIPTION	FE 410WA IS: 2062	
		MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: EOT CRANE, TYPE-SHIRKE 10/ST: 28,5 M. (5+3T) X 28,5 M.



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620 014

DRN	NAME	SIGN	DATE
CHD	Dharmalingam	[Signature]	17-05-90
APPD	J. JMN	[Signature]	19-12-91
		[Signature]	28-12-91

DEPT	GRADE OF UNTOOL. DIM	SCALE	WEIGHT (kg)	REF TO ASSY/DWG	ITEM NO
CODE	C/M/F	1:2,5 & 1:1	3	2-7-1195.02.02115 W-500-02/6	5
TITLE			CARD CODE	DRAWING NO.	REV
BEARING COVER (500 LT WHEEL ASSY)			U. G.	4-7-1195.02.02285	01

FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

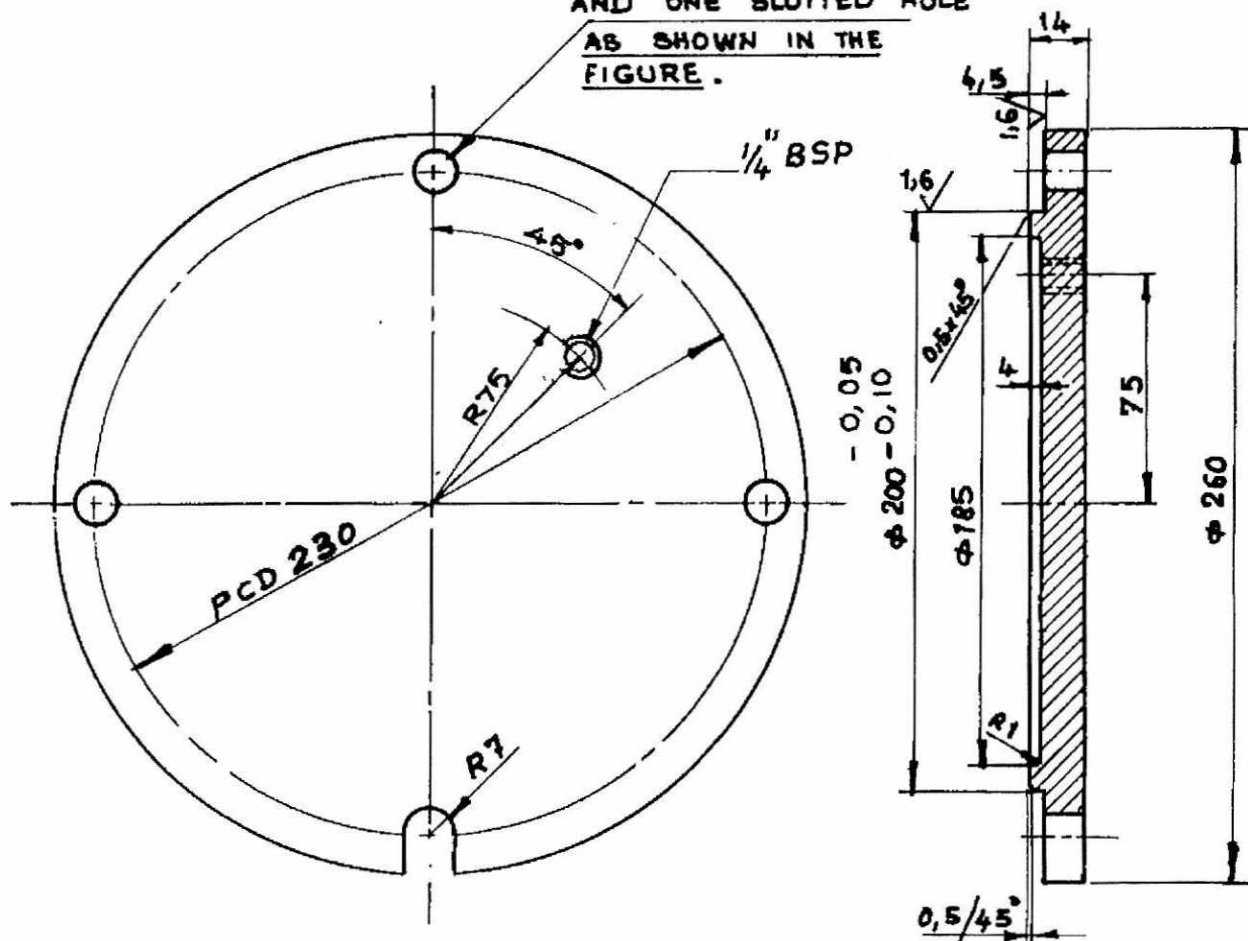
S 27-089

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REV	DATE	ALTERED BY
01	3-1-96	CHECKED BY: J. C. MNL
ZONE	APPD: J. C. MNL	
MTL: SPON. Fe 410WA		
IS: 2062 WAS C: 20 IS: 226		

3,2 / 1,6 /

3 DRILLED HOLES $\phi 14$
AND ONE SLOTTED HOLE
AS SHOWN IN THE
FIGURE.



ITEM NO.	DESCRIPTION	Fe 410WA IS: 2062	
		MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: EOT CRANE, TYPE, 10/5T. - 28,5 M. (5+5T) X 28,5 M



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620 014

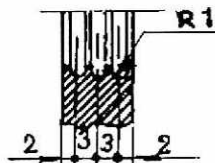
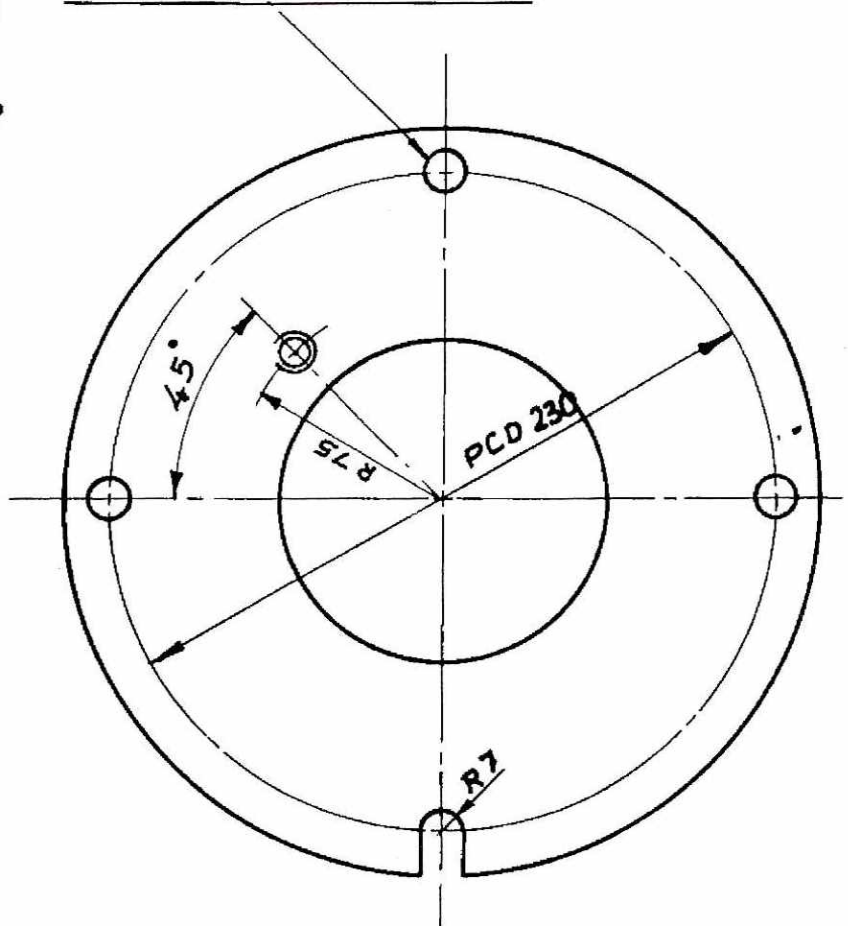
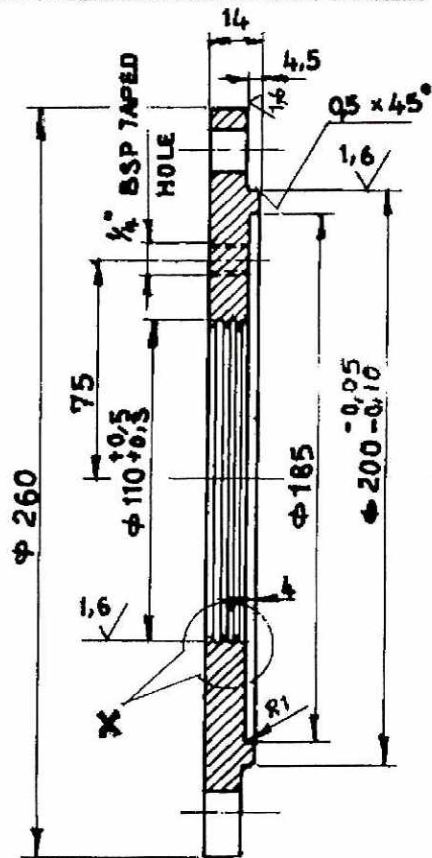
DRN	NAME	SIGN	DATE
CHD	J. C. MNL	J. C. MNL	17-05-90
APPD	J. C. MNL	J. C. MNL	19-12-91
			23-12-91

DEPT	GRADE OF UNTOOL. DIM	SCALE	WEIGHT (kg)	REF TO ASSY/DWG DRG	ITEM NO.
CODE	C/M/F	1:2,5	4,3	2.7.1195.02.02115 W-500-02/7	6
BEARING COVER (Ø 500 LT WHEEL ASSY)			CARD CODE	DRAWING NO.	REV
			U 01	4-7.1195.02.02286	01

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3 NOS. ϕ 14 DRILLED &
1 NO. SLOTTED HOLE
AS SHOWN IN THE FIGURE.

3,2 / 1,6



DETAIL - X
SCALE 5/1:1

		FE 410 WA IS: 2062	
ITEM NO.	DESCRIPTION	MATL CODE	UNIT WT
		MATL SPEC	QTY

EQP- EOT CRANE, TYPE- SHIRKE 10/5 T x 28,5 M. (5+5T) x 28,5 M.



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI - 620 014

DRN	NAME	SIGN	DATE
	<i>Charmelign</i>	<i>[Signature]</i>	17-05-90
CHD	<i>[Signature]</i>	<i>[Signature]</i>	19-12-91
APPO		<i>[Signature]</i>	23 12 91

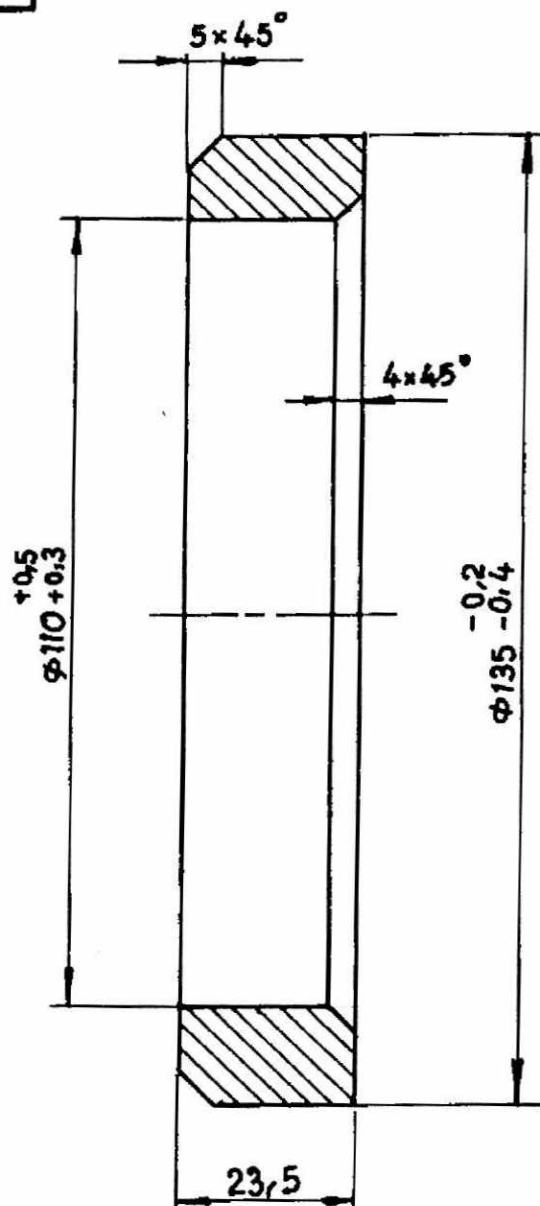
DEPT	GRADE OF UNTOL. DIM		SCALE	WEIGHT (kg)	REF TO ASSY/OLD DRG	ITEM NO.
CODE	C/M/F		1:2,5 & 1:1	3, 42	2.7.1195.02.02115 W-500-02/8	7
BEARING COVER (Ø 500 LT WHEEL ASSY)				CARD CODE	DRAWING NO.	REV
					4.7.1195.02.02287	01

FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

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REV 01	DATE 3-1-86	ALTERED: J. Chinn
ZONE	CHECKED: J. Chinn	
APPD: J. Chinn		
MTL: SPCL Fe 410 WB		
IS: 2062 WAS C-20, IS: 226		

3,2
✓



ITEM NO.	DESCRIPTION	Fe 410 WB IS: 2062	
			1
		MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: EOT CRANE TYPE - SHIRKE 10/5T. x 28,5 M. (5+5T) x 28,5 M.

 Bharat Heavy Electricals Ltd., SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI - 620 014	DRN	NAME	SIGN	DATE
	CHD	Dharmalingam	N. Chinn	15-5-90
	APPD	J. Chinn	J. Chinn	19-12-91
		J. Chinn	J. Chinn	23-12-91

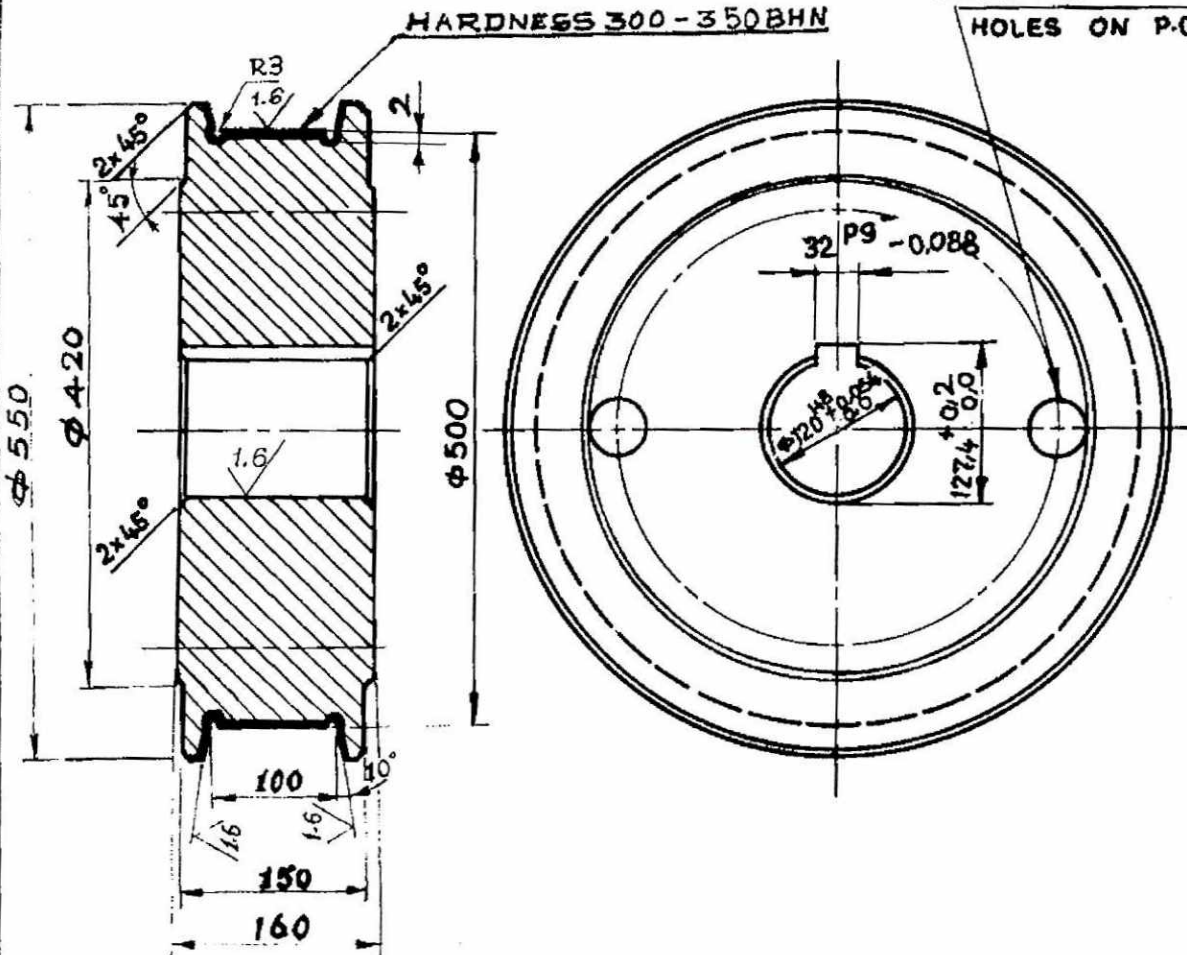
DEPT	GRADE OF UNTO. DIM C/M/F	SCALE	WEIGHT (kg)	REF TO ASSY/OLD DRG	ITEM NO.
CODE		1:1	0,88	2-7.1195.02.02115 W-500-02/10	9
TITLE			CARD CODE	DRAWING NO.	REV.
SPACER (Ø 500 LT WHEEL ASSY)			U 01	4.7 1195.02.02288	01

FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

REV 01	DATE 3-1-96	ALTERED: <i>Buyasub?</i>	REV 02	DATE 21-9-97	ALTERED: P. Mathivanan
		CHECKED: <i>J. MNL</i>			CHECKED: <i>J. MNL</i>
ZONE	APPD: <i>J. MNL</i>		ZONE	APPD: <i>J. MNL</i>	
	MTL-SPCN 55C8 (FORGED) IS: 5517 WAS C55 MN 75 (FORGED) IS: 5517			DIMENSIONS 100 AND 150 WERE 110 AND 160 RESPECTIVELY.	

3.2 / 1.6

2 NOS. #30 DRILLED
HOLES ON P.C.D 370



NOTES:

1. MATERIAL:- 55C8 (FORGED) OF IS: 5517
HARDNESS ON TREAD DIA AND FLANGE SURFACES
300 BHN (MIN) UP TO A DEPTH OF 20mm. (MIN)
2. TEST CERTIFICATE OF MATERIAL SHOULD BE
FURNISHED.

ITEM NO.	DESCRIPTION	55C8 (FORGED)	
		IS: 5517	
		MATL CODE	UNIT WT
		MATL SPEC	QTY

EQPT: EOT CRANE TYPE- SHIRKE 10/5T. x 28.5M AND (3+5)T L.T. ASSY



Bharat Heavy Electricals Ltd.,
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPALLI-620 014

DRN	NAME	SIGN	DATE
CHD	<i>Dharmalingam</i>	<i>M. D. S.</i>	16-5-90
APPD	<i>J. MNL</i>	<i>J. MNL</i>	6-7-90
			28-12-91

DEPT	GRADE OF UNTO. DIM C/M/F	SCALE	WEIGHT (kg)	REF TO ASSY HOLD DRG	ITEM NO.
CODE		1:6	255	2.7.1195-02.02115 W-500-03 H & T	1

LT WHEEL 500 WITH 300 BHN
(500 LT WHEEL ASSY)

CARD CODE	DRAWING NO.	REV
U 01	4-7-1195-02-02289	02