FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN mm.

REV 01

DRG No. 3 980 09 00621

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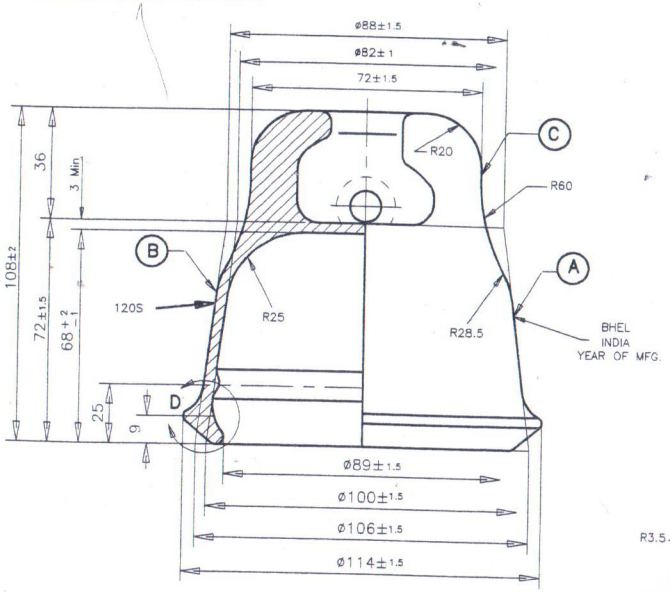
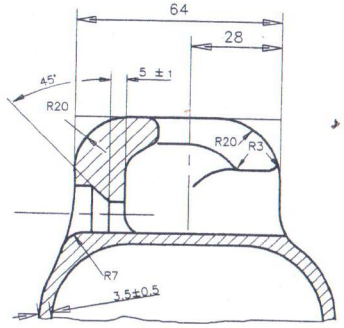
SIGN AND DATE

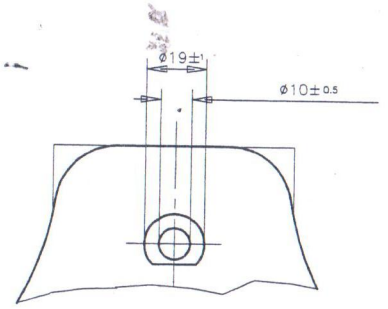
REF. DRG. No.

INVENTORY No.

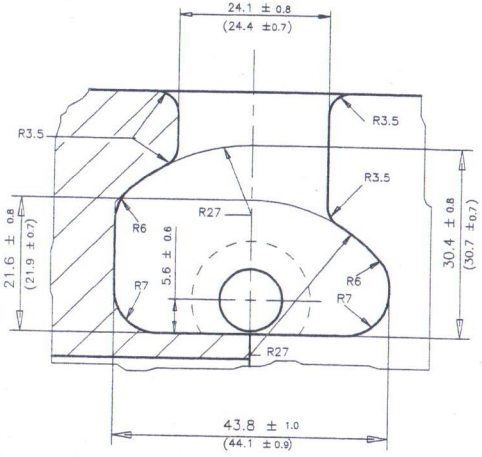




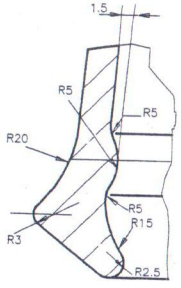
SECTION 'A A'



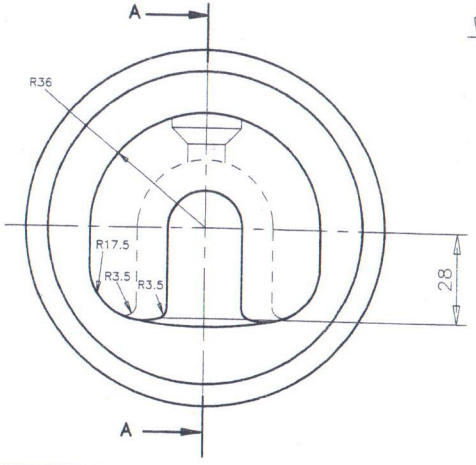
CLIP HOLE DETAILS



DETAILS OF SOCKET



DETAIL 'D'



NOTES :

1. ALL DIMENSIONS ARE AFTER HOT–DIP GALVANIZING
   A THICKNESS OF 0.15 mm MAY BE ASSUMED FOR GALVANIZING
2. MARKINGS SHOULD BE PROVIDED IN DEPRESSED FORM
   AT THE PLACE SHOWN AS (A) (6 mm LETTER HEIGHT)
3. RATING OF THE CAP WITH LETTER 'S' SHALL BE PROVIDED IN THE DEPRESSED FORM AT THE PLACE SHOWN AS (B). ALSO MANUFACTURER'S IDENTIFICATION MARK AND HEAT No. SHOULD BE PROVIDED IN PROJECTED FORM (6 mm LETTER HEIGHT & 1.5 mm THICK) AT THE PLACE SHOWN AS (C).
4. AFTER GALVANIZING THE SOCKET PART OF THE CAP SHOULD ANSWER TO ALL THE RELEVANT 'GO & NO GO' GAUGES PRESCRIBED AND RECOMMENDED BY IEC Pub. 120 (LATEST) DESIGNATION 20 mm
5. CASTING SHOULD BE MADE OF S G IRON TO CONFORM TO GRADE 450/10 OF IS:1865–1991
6. DIFFERENCE IN WALL THICKNESS AT DIAMETRICALLY OPPOSITE LOCATIONS SHOULD NOT EXCEED 1.5 mm
7. MAXIMUM PERMISSIBLE OVALITY = 1 mm
8. DIMENSIONS INDICATED IN BRACKET REFER TO BEFORE GALVANIZING STAGE
9. BEFORE GALVANIZING THE SOCKET PART OF THE CAP SHOULD ANSWER TO 'GO & 'NO GO' GAUGES TO DRG. No. 4 SK 0268, 4 SK 0269, 4 SK 0277 AND CLAUSE B12 & B13 OF IEC 120 LATEST REVISION (20 mm DESIGNATION)
10. SOCKET CAPS SHALL WITHSTAND A MINIMUM TENSILE STRENGTH OF 150 kN
11. DIMENSIONAL TOLERANCES SHALL CONFORM TO IS:8350–1977 UNLESS OTHERWISE SPECIFIED
12. THE HEAT No. SHALL BE ALPHA–NUMERIC MARKING WITH 4 CHARACTERS. THE FIRST 3 DIGITS INDICATING THE DAY OF THE CALENDER YEAR & THE ALPHABETICAL LETTER INDICATING THE HEAT OF THE DAY (EXAMPLE: 150D REPRESENTS THE 150th DAY OF THE YEAR AND D REPRESENTS THE 4th HEAT OF THE DAY)

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FERROUS PARTS ARE HOT–DIP GALVANIZED (EXCEPT FEMALE THREADS) AS PER IS:2629 & TESTS CONFORM TO IS:2633

REV	DATE	ALTERED / CHECKED

REV	DATE	ALTERED / CHECKED

REV	DATE	ALTERED / CHECKED
01	13 01 06	ALTERED N K Iddalagi / CHECKED

1. DIMENSION 72, ø114,64 & 28 WERE 74,ø115,66 & 29 RESPECTIVELY.
2. RADIUS R20,R3 & R36 WERE R17.5,R2 & R37 RESPECTIVELY.

REFER P H No. 4925

BHARAT HEAVY ELECTRICALS LTD.,
ELECTROPORCELAINS DIVISION
BANGALORE – 560 012

	NAME	SIGN	DATE
DRN	N K IDDALAGI	N K Iddalagi	13 01 2006
CHD	A K S		16.01.06
APPD	Y B R	Y. Ramesh	16-01-06

DEPT CODE	GRADE OF TOL DIM C/M/F	SCALE	WEIGHT (kg)	REF TO ASSY.DRG	ITEM No.	No.OF ITEMS
		NTS	1.4 (Approx)			

TITLE

SOCKET CAP
FOR 120 kN DISC INSULATOR
20 mm DESIGNATION ('R' TYPE, S G IRON)

CARD CODE

DRAWING No. 3 980 09 00621 REV. 01

No.OF SHEETS

SUPERSEDES DRG. No. 3 980 09 00621/00

SHT.24 SIZE A3 420 x 297