

Technical drawing of a mechanical part, likely a pump or motor component, showing a cross-section with various dimensions and tolerances.

Key dimensions and tolerances include:

- Overall diameter:  $\phi 243$
- Central shaft diameter:  $\phi 170$
- Inner bore diameter:  $\phi 130$
- Shaft length:  $114.85$
- Base diameter:  $\phi 82$
- Base length:  $97.14 \pm 0.05$
- Flange diameter:  $\phi 170$
- Flange thickness:  $12.5$
- Flange bore diameter:  $\phi 130$
- Flange bore length:  $116$
- Flange bore diameter:  $\phi 82$
- Flange bore length:  $114.85$
- Flange bore diameter:  $\phi 40$
- Flange bore length:  $97.14 \pm 0.05$
- Flange bore diameter:  $\phi 170$
- Flange bore length:  $114.85$
- Flange bore diameter:  $\phi 130$
- Flange bore length:  $116$
- Flange bore diameter:  $\phi 82$
- Flange bore length:  $114.85$
- Flange bore diameter:  $\phi 40$
- Flange bore length:  $97.14 \pm 0.05$
- Flange bore diameter:  $\phi 170$
- Flange bore length:  $114.85$
- Flange bore diameter:  $\phi 130$
- Flange bore length:  $116$
- Flange bore diameter:  $\phi 82$
- Flange bore length:  $114.85$
- Flange bore diameter:  $\phi 40$
- Flange bore length:  $97.14 \pm 0.05$

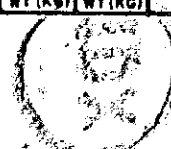


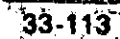
Notes:

- TO MACHINE THE STEP BORE TO  $\phi 77$
- $\phi 170$  (1.6)
- $\phi 130$  (1.6)
- $\phi 82$  (1.6)
- $\phi 40$  (1.6)
- $\phi 170$  (1.6)
- $\phi 130$  (1.6)
- $\phi 82$  (1.6)
- $\phi 40$  (1.6)
- $\phi 170$  (1.6)
- $\phi 130$  (1.6)
- $\phi 82$  (1.6)
- $\phi 40$  (1.6)

Technical drawing of a 3-electrode cathode assembly. The drawing shows a cross-section of a central electrode with a diameter of 78.635 mm and a length of 10.1 mm. The electrode is surrounded by a sleeve with a diameter of 61.72 mm. The sleeve has a thickness of 0.1 mm. The drawing includes a title block with the text '3-ELECTRODE', 'BPS-519101-E7018', and 'ATTESDY'.

$\phi 89 H7$	+0.035
	0
$\phi 209.6 h11$	0
	-0.290
$\phi 170 H11$	+0.250
	0

REV. 04	DATE 01-09-93	ALTD: T. L. C. 2	CHD: APPD: VML	REV. 03	DATE 11-6-94	ALTD: P. R. M.	CHECKED: [Signature]	REV. 02	DATE 7-12-93	ALTD: T. L. C. 2	CHD: [Signature]	REV. 01	DATE 7-10-92	ALTD: T. L. C. 2	CHD: [Signature]
SERRATION NOTE MODIFIED				1. COMP. CODE CORRECTED. NOTE REVISED				1. DIMN. 5 WAS 4.4+0.14				ZONE 1 118.4+0.14 WERE			
REFER DCN. CS: 1034				2. REF DCN. NO: CS: 0336				2. SURFACE FINISH 12.5 WAS 3.2				118.4+0.14 WERE			
								3. BODY/ASH DETAIL DELETED				DCN. NO. CV 005			
								S. BODY/ASH. O.S. 0222				6-10-92			

01.		BASTIAN DRG. NO. I.V.N049.02868/R/2		92 027 038		A 218 WCB ATTEST		NR		10		30.9		40		-		01	
NO. OF PIECES		DESCRIPTION		MATERIAL CODE		MATERIAL SPECIFICATION		HEAT TREAT METHOD		SCRAM SORT		NET WT (KG)		GROSS WT (KG)		DRAWING NO.		ITEM NO.	
<div style="text-align: right;">COMP CODE: 93102627000</div> <div style="text-align: center;">  </div>																			
<div style="text-align: center;"> <h1>BHARAT HEAVY ELECTRICALS LTD.,</h1> <h2>TIRUCHIRAPALLI-14</h2> </div>																			
FIRST ANGLE		SCALE		DRAWN		EC 005		TOTAL NET WT (KG)		30.9									
		N T S		CHECKED		J. PRABAKAR		TYPE		-									
				APPROVED		S. KUMAR		NEW / OLD DRG. NO.		-									
ALL DIMENSIONS IN MILLIMETRES				DATE		22 06 87													
<div style="text-align: center;"> <h3>CAUTION</h3> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LTD. BOILER PLANT UNIT, TIRUCHY-14 AND SHALL NOT BE USED WITHOUT THEIR EXPRESS WRITTEN PERMISSION IN ANY FORM OR PART THEREOF FOR ANY OTHER PURPOSE THAN FOR WHICH IT IS SENT TO YOU.</p> </div>																			
										<div style="text-align: center;"> <h2>BODY</h2> <p>3<sup>rd</sup> CLASS - 300</p> </div>									
										<div style="text-align: center;"> <p>DRAWING NO.</p> <h1>I - V - N049 - 02868</h1> </div>									
										<div style="text-align: center;"> <p>REVISION</p> <h1>04</h1> </div>									