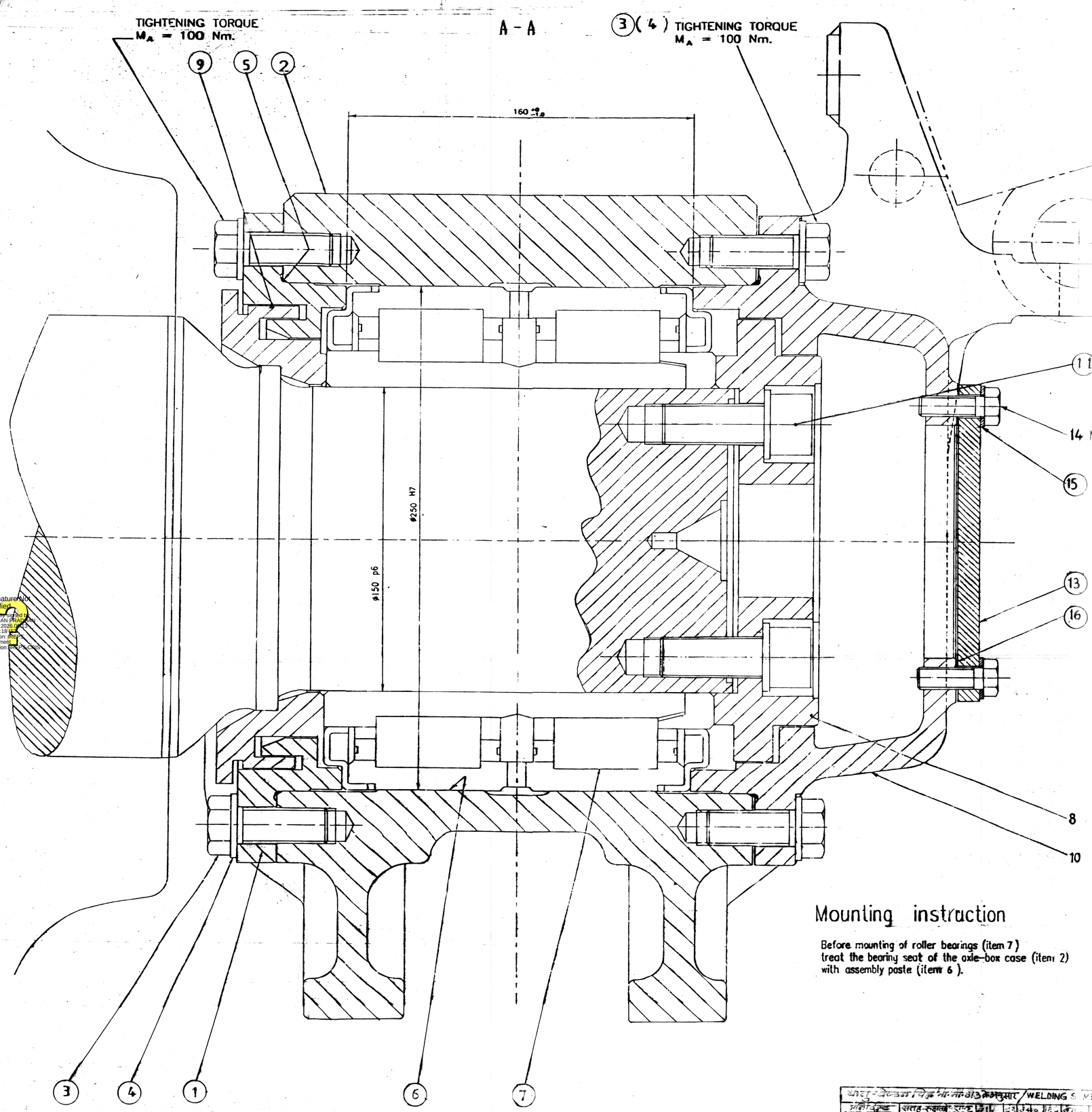
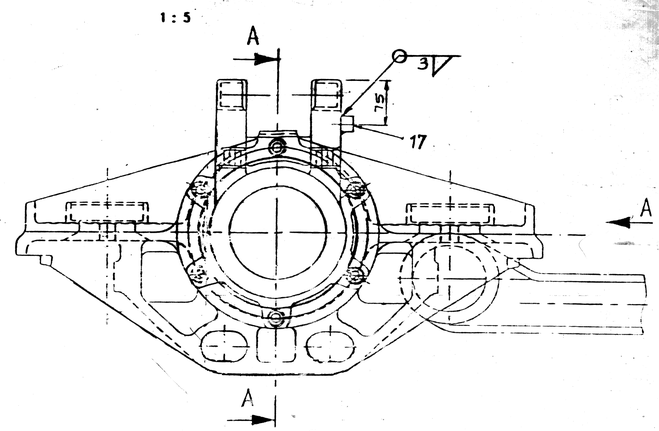
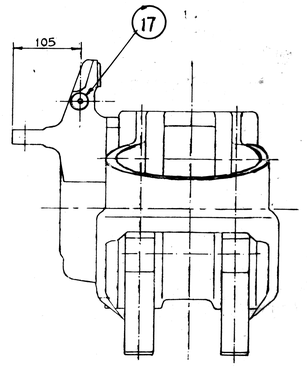




SHOWN WITHOUT ITEM 13,14,15 & 16 FOR CLARITY.



VIEW THROUGH ARROW 'A'
(SCALE 1:5)

Mounting instruction

Before mounting of roller bearings (item 7) treat the bearing seat of the axle-box case (item 2) with assembly paste (item 6).

	17	1209-01-411-051	EARTHING CONNECTION	7	—	—	0·136
	16	1209-01-411-049	GASKET KLINGER SIL-C4400	7	—	—	0·080
	15	—	CONICAL SPRING WASHER M10 (ZINC PLATED)	28	SPRING STEEL	DIN6796	0·006
③①	14	—	HEXAGON SOCKET HEAD CAP SCREW M10X1·5P X 30 LONG - 12·9	28	ALLOY STEEL	IS:2269	0·026
	13	1209-01-411-025	COVER	7	—	—	0·8
	12	1209-01-411 (SEE REF. NO. 2)	SAFETY WASHER VS 20	28	—	—	0·030
	11	—	SOCKET HEAD CAP SCREW M 20 X 2·5 PX 50 LONG X 46 THD - 12·9	28	ALLOY STEEL	IS:2269	0·15
	10	1209-01-311-011	COVER FRONT	7	—	—	21·64
	9	1209-01-311-013	ABUTMENT RING	7	—	—	3·2
	8	1209-01-311-014	END CAP	7	—	—	6·5
②	7	1209-01-311-061	CYLINDRICAL ROLLER UNIT CRU 150	7	—	—	37·0
	6	—	ASSY. PASTE - KLUEBER ALTEMP - Q - PASTE NB 50	—	—	—	0·250
	5	—	O-RING I/D 250·0 X 3·0	14	NBR 1872		—
	4	1209-01-411 (SEE REF. NO. 3)	SAFETY WASHER VS 16	84	—	—	0·02
	3	—	HEX HD. BOLT M16X2P, 45 LONG X 38 THD - 8·8 (ZINC PLATED)	84	STEEL	IS:1363	0·1
	2	1209-01-011-009	AXLE BOX HOUSING ASSLY.	7	—	—	100·0
	1	1209-01-111-012	REAR COVER	7	—	—	9·5
T201/094	—	—	AXLE BOX COMPLETE WITH BLANK COVER	7	—	—	175·3

③	DY.CME/CON/D-TL	HEXAGON SOCKET HEAD CAP SCREW WAS HEXAGONAL HEAD SCRE (REF NO. 14)	5/118
②	DY.CME/CON/D-TL	PART DRG. NO. OF REF. No. 7 1209-01-311-052 ; USED FOR LOCOS - WAP-7 ADDED.	
①	DY.CME/CON/D-TL	HEX HEAD WAS SOCKET HEAD CAP SCREW	

परिवर्तन संख्या A.L.T. No.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांकित अधिकार DATED INITIAL

DESIGNED	
DGN.	
CHD.	
SUPDT.	
REVIEWED (SEM/HOD)	SME 23/4/97
APPROVED DY.CEE/D&D	
दिनांक DATE	27-10-97
SCALE	NIL, 1:5

AXLE BOX COMPLETE WITH BLANK COVER

REF. ASSLY DRG. NO. 1B 011-00176, 001B3R-00507
1209-01-111-001, REF. NO. 9

अभिकल्प एवं विकास केन्द्र
D & D CENTRE
चित्तरंजन रेल इंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS

CAD NO

ISE ANGLE PROJECTION

USED FOR LOCOS: WAG9, WAP-7

आरेखण संख्या
DRAWING NO.
1209-01-111-007 alt-② alt-③

ALT. ⓪

REF: PART DRG. No.	DESCRIPTION	NO./ LOCO	MATL. SPECN	UNIT WT. IN KG.

UNSPECIFIED TOLERANCE TO IS: 2102

SURFACE ROUGHNESS VALUE TO

GRADE NUMBER	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
Ra, µm	0·025	0·05	0·1	0·2	0·4	0·8	1·6	3·2	6·3	12·5	25	50
SYMBOL	▽▽▽▽		▽▽▽				▽▽			▽		

WELDING SYMBOLS IS: 813

Signature Not Verified
Digitally signed by RANJAN PRADHAN
Date: 2026.01.13 13:06:18 IST
Reason: IRSPS
Document
Location: IRSPS-CRIS

Signature Not Verified
Digitally signed by GURUDAS MANDAL
Date: 2022.10.12 16:04:52 IST
Reason: IRSPS-CRIS
Location: New Delhi