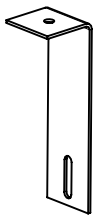
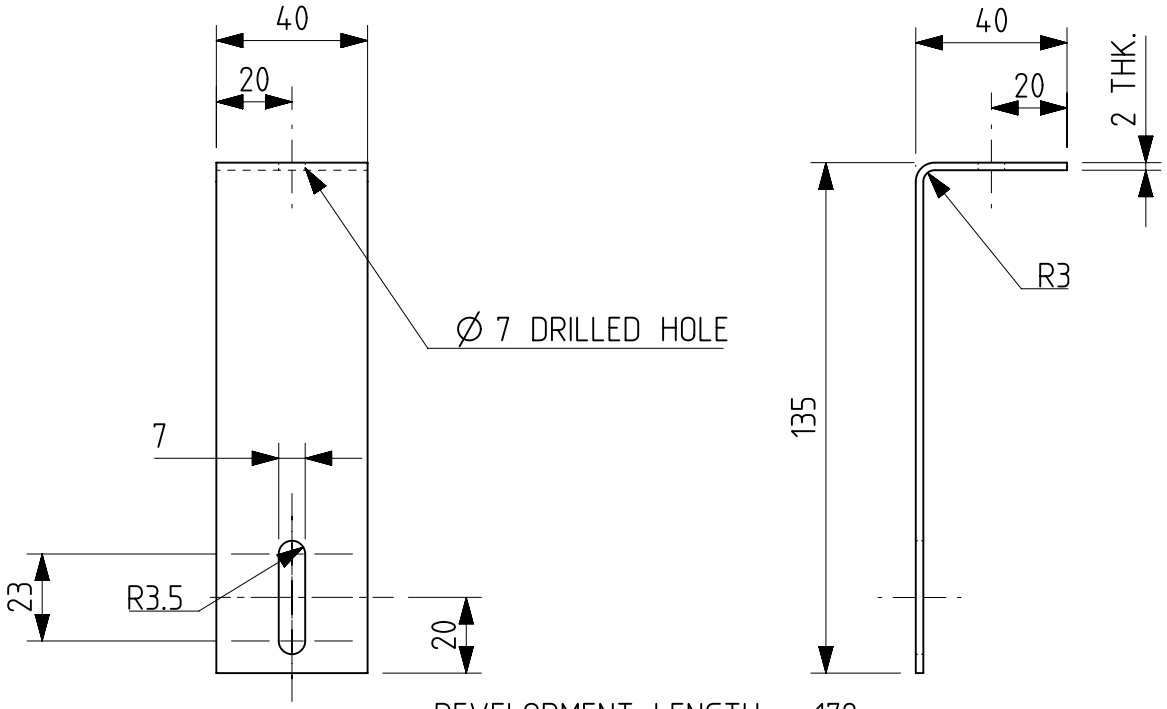
Signature Not Verified
Digitally signed by AVINASH KUMAR
Date: 2026.06.04 13:07:30 IST
Reason: IREPS
Document Location: IREPS

50 ... 2026/O/o Dy.CEE/DKAE/CLW

UNLESS OTHERWISE SHOWN SURFACE ROUGHNESS OF CUT EDGES SHALL BE Ra25

SURFACE ROUGHNESS Ra VALUES IN μm





DEVELOPMENT LENGTH - 172

NOTE:-

1. HOLE TO BE DONE BY DRILLING JIG.
2. AFTER FINISHING THE PART IS TO BE PAINTED STONE GREY AS PER RAL7030.
3. FOR OTHER DETAILS REFER TECH. SPECN NO CLW/MS/3/099.
4. TO BE SUPPLIED IN A SET.
5. THIS DRG IS ALSO APPLICABLE FOR WAP-5 CLASS OF LOCO & TO BE SUPPLIED IN A SET AS PER TECH. SPECN NO CLW/MS/3/099 ALT.1 & ANNEXURE B.

1. ALL DIMENSIONS ARE IN mm
2. NEXT LEVEL ASSEMBLY DRG. NO. 1209-11.044-100, 1210-11.044-023
3. USED FOR LOCO- WAG9HC, WAP-7, WAP-5

C&D NO.	QTY./LOCO
T324/102	12
B324/009	12

परिवर्तन संख्या ALT.NO.	प्राधिकार AUTHY	वर्णन DESCRIPTION	दिनांकित आद्याक्षर DATED INITIAL
2	DY.CEE/D-III	NOTE -2 MODIFIED.	-SD-
1	DY.CEE/CON/TU	NOTE-5 & WAP-5 CLASS OF LOCO ADDED.	-SD-

सतह – रुक्षता का मान भा. मा. 3073 / अ. मा. सं. 1302 SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302

अनिर्दिष्ट सद्य – सीमा भा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLEARANCE TO IS : 2102 / ISO : 2768

धातु–वेल्डन चिन्ह भा. मा. : 813 / अ. मा. सं. :2553 WELDING SYMBOLS TO IS:813 / ISO:2553

TOL. CLS.

पदांक GRADE NO.	सं1 N1	सं2 N2	सं3 N3	सं4 N4	सं5 N5	सं6 N6	सं7 N7	सं8 N8	सं9 N9	सं10 N10	सं11 N11	सं12 N12
Rz	0.16-0.3	0.5-0.7	0.9-1.1	1.5-2.0	2.5-3.8	5.0-6.3	9.0-12	16-25	30-40	50-63	75-100	160-250
Ra μm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
चिन्ह SYMBOL												

अभिकल्पित DGN	
जाँचा व.अ.अ. CHD SSE	RAVI KARM ALI Digitally signed by RAVI KARMALI Date: 2026.01.12 12:53:28 +05'30'
समीक्षित स.वि.अ. / व.वि.अ. REVIEWED AEE / SEE	BHARAT CHAND RA BAL Digitally signed by BHARAT CHANDRA BAL Date: 2026.01.12 12:54:55 +05'30'
अनुमोदित उ.मु.वि.अ. APPROVED DYCEE	AMIT AGGA RWAL Digitally signed by AMIT AGGARWAL Date: 2026.01.12 13:19:27 +05'30'
दिनांक DATE	31-12-21
रैखिक अनुपात SCALE	1:2
संदर्भ / REF. IA116-00014 ALT.- 1	

चित्तरंजन रेलइंजन कारखाना
CHITTARANJAN LOCOMOTIVE WORKS, INDIA

पदार्थ MATL	STEEL
प्रति भार कि. ग्रा. WT. EACH IN KG	0.11
विशिष्टि SPECN	IRS M41 GR.I
वर्णन DESCRIPTION	DUCK SUPPORT (OIL COOLER VENT)
आरेखण संख्या DRAWING NO.	1209-11.444-041
परिवर्तन संख्या ALTERATION. NO.	2
पर्ण SHEET	1 OF 1
	A4

This document/drawing was prepared by or on behalf of CLW and the copyright belongs to CLW. Reproduction in whole or in part requires prior written consent of CLW. As the drawing incorporates confidential information of CLW its disclosure to third parties also requires CLW's prior written consent.

REDRAWN BY TCS