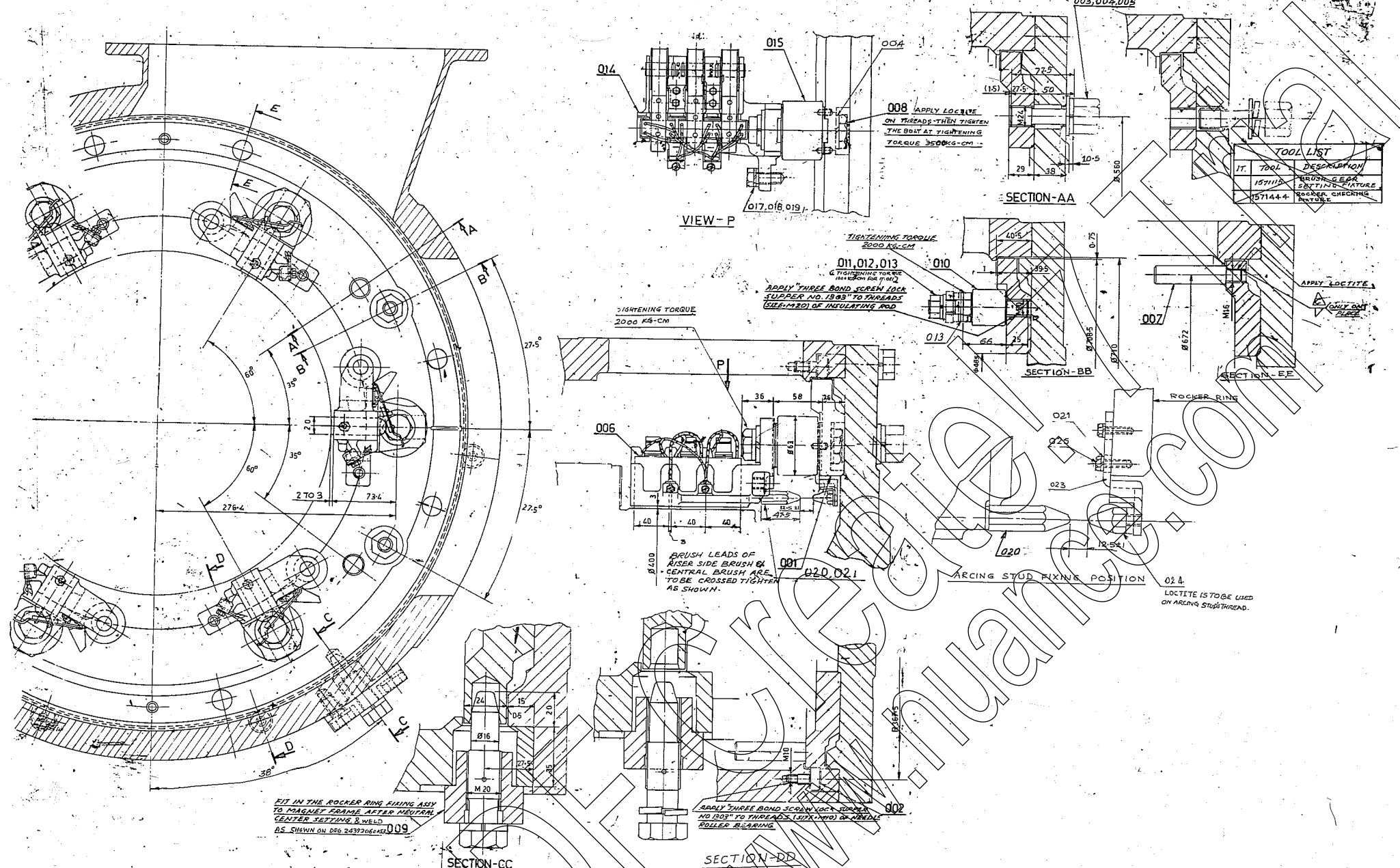


**TOOL LIST**

IT.	TOOL No.	DESCRIPTION
ASSY.	157111-5	BRUSH GEAR SETTING FIXTURE
ASSY.	157144-4	ROCKER CHECKING FIXTURE



**NOTES**

- ITEM NO. 2,3,4,5,6,8 CD TO DRG. NO. 04392060951 WILL NOT BE SUPPLIED ALONG WITH ROCKER ASSY. TO BE PURCHASED.
- THIS DRG IS EQUIVALENT TO CLW DRG. NO. 104750-2A9 INT-N.

ITEM NO.	QTY	DESCRIPTION	DRG. NO.	MATL. CODE	UNIT	UNIT WT.	REF. TO ASSY DRG.	ITEM NO.
012	Zn.PLATED	025 SCREW M8x20, P8-B	151364	150 ADIT'88	kg	0.005		
006		024 ARCING STUD	34392060060		kg	0.05		
006		023 ARCING STUD FIXING BRACKET	34392060060		kg	0.15		
002		022 SCREW HEX HD M12x35-B-B-ST			kg	0.045		
012	Zn.PLATED	021 SPG WASHER M-8	1513063194		kg	0.002		
006	Zn.PLATED	020 ARCING STUD	34392060060		kg	0.057		
006	Zn.PLATED	019 WASHER MCD M12	151201667		kg	0.006		
006	Zn.PLATED	018 SPRING WASHER M12	1513063194		kg	0.004		
006	Zn.PLATED	017 HEX HD. SC M12x25-B-B-ST	151564095		kg	0.041		
001		016 CONNECTOR ASSY.	14392060053		kg	4.11		G
006		015 INSULATION ROD	24392060059		kg	2.2		G
006		014 BRUSH HOLDER ASSY.	14392060056		kg	3.80		G
004	Zn.PLATED	013 WASHER MCD M16 ST.	151201667		kg	0.018		
002	Zn.PLATED	012 WASHER SPRING SC M16 ST.	1513063194		kg	0.005		
002	Zn.PLATED	011 HEX NUT M16-B	1513063194		kg	0.071		
002		010 INSULATION ROD	24392060060		kg	0.55		G
001		009 ROCKER RING FIXING ASSY.	24392060053		kg	1.09		G
006	151364	008 SCREW M12x30 P8-B	44392060047		kg	0.30		
007		007 HANDLE	44392060058		kg	0.26		
018		006 SPLIT CARBON BRUSH	34392060052		kg	0.1		
004	Zn.PLATED	005 WASHER MCD M24 ST.	151201667		kg	0.031		
010	Zn.PLATED	004 WASHER SPRING B24 ST	1513063194		kg	0.027		
004		003 SPECIAL BOLT	44392060057		kg	0.42		
004		002 NEEDLE ROLLER BEARING	34392060051		kg	0.15		
001		001 ROCKER	14392060058		kg	42.15		

FIT IN THE ROCKER RING FIXING ASSY TO MAGNET FRAME AFTER NEUTRAL CENTER SETTING & WELD AS SHOWN ON DRG 24392060951

APPLY THREE BOND SCREW LOCK TORQUE TO THE THREADS (100% OF THE ROLLER BEARING)

SECTION-CC (SCALE-N)

SECTION-DD

**ADDITIONAL INFORMATION**

TYPE OF PRODUCT: HS 15250 A  
 NAME OF CUSTOMER/PROJECT: 25 KV AC LOCO

**DISTRIBUTION OF PRINTS**

DATE: 10/07/2019  
 TIME: 4:00 PM  
 T.N.X: 4

**REVISIONS**

REV.	DATE	ALTERED BY	DESCRIPTION
01	10/07/2019	...	...
02	...	...	...

**SCALE:** 1:1  
**WEIGHT (KG):** 94.58  
**REF. TO ASSY DRG:** 04391060051

**TITLE:** MODIFIED  
**ROCKER ASSEMBLY**

**DRAWING NO:** 04392060051  
**SHEET NO:** 02  
**TOTAL SHEETS:** 02

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