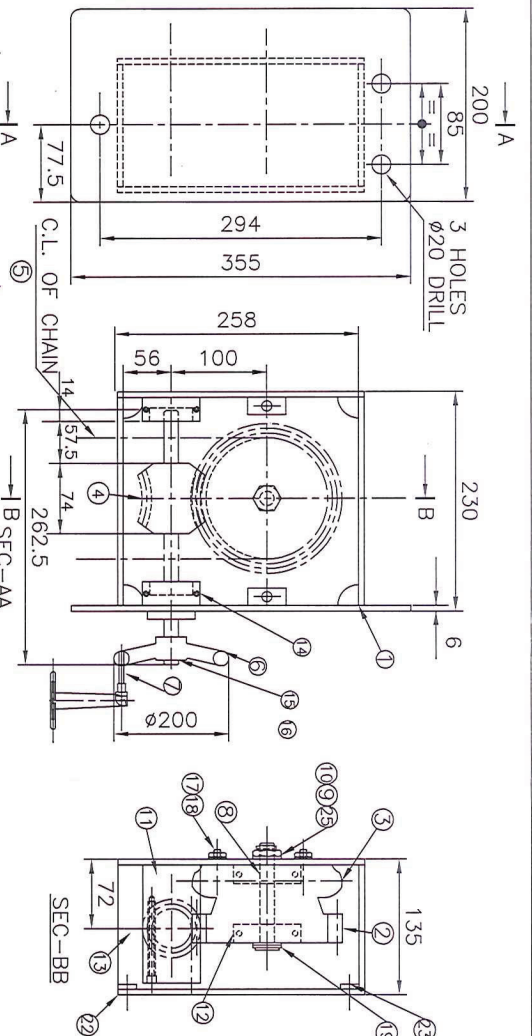
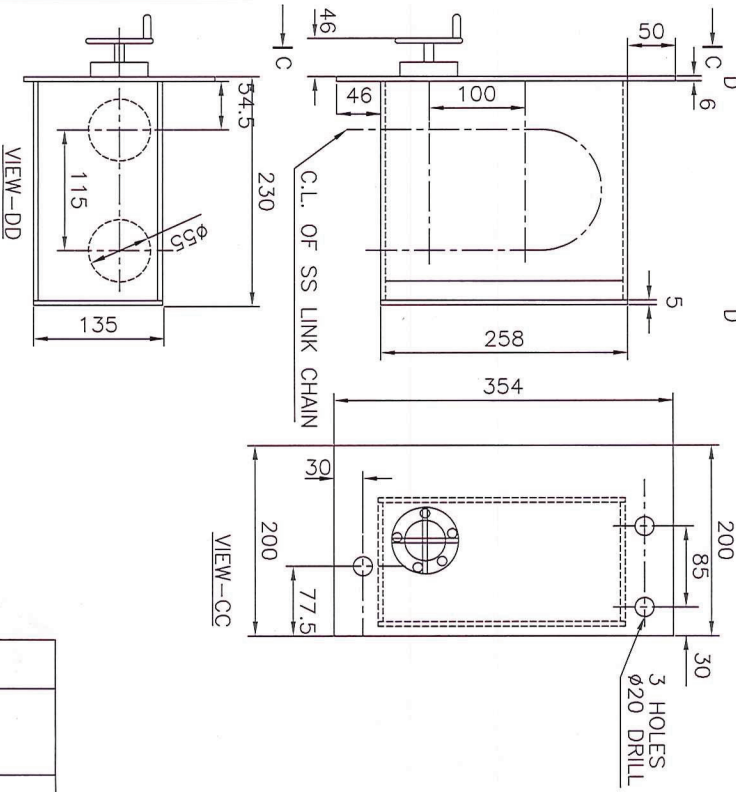




- NOTES:
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
 2. TOLERANCES ON UNTOLERANCED DIMENSIONS IS TO IS:2102 (PART-1).
 3. MAUFACTURER SHOULD INDICATE THEIR IDENTIFICATION WITH MONTH & YEAR BY ETCHING AT SUITABLE LOCATION.
 4. FIRM SHALL SUBMIT DETAILED DRAWINGS OF COMPONENT & ASSEMBLY WITH THE OFFER.



REF. NO.	DESCRIPTION	QTY	MAT'L SPEC./	DRG. NO.
25	SPRING WASHER 5/8"	1	STEEL IS:3063	
24	HEX.HD SCREW 1/4"UNCx1"L.G.	3	STEEL IS:1364	
23	HEX.HD. SCREW 1/4"UNC	3	STEEL IS:1364	
22	COVER PLATE	1	STEEL IS:1079/1973 ST-34	
21	HEX. NUT 3/8"UNC	2	STEEL IS:1364	
20	HEX.HD SCREW 3/8"UNCx1"L.G.	2	STEEL IS:1364	
19	REST PATI	1	STEEL IS:2062	
18	HEX. NUT 5/16" UNC	3	STEEL IS:1364	
17	CSK SCREW 5/16"UNCx3/4"L.G.	3	STEEL IS:1364	
16	HEX.HD SCREW 5/16"UNCx1"L.G.	1	STEEL IS:1364	
15	PLAIN WASHER	1	STEEL IS:2016	
14	HEX.HD SCREW 5/16"UNCx3/4"L.G.	4	STEEL IS:1364	
13	BRG. BLOCK COVER	2	STEEL IS:2062	
12	BRG. NO. SKF-6204	2	-	
11	BEARING POST	2	STEEL IS:2062	
10	COTTER PIN	1	STEEL IS:549	
9	CASTLE NUT M16	1	STEEL IS:1364	
8	PIN	1	STEEL IS:1875-IV	
7	HANDLE AND LOCKING ARRGT	1	STEEL IS:2062	
6	WHEEL	1	C.I.IS:210	
5	CHAIN 130 LINK (APPROX.)	1	STEEL IS:2429	
4	WORM R.H. SINGLE START	1	STEEL IS:1875-IV	
3	CHAIN COVER	1	C.I. IS:210	
2	PINION	1	STEEL CASTING IS:1030 GR23-45	
1	HOUSING COMPLETE	1	STEEL IS:2062	

MODIFIED HAND BRAKE ASSEMBLY
FOR ELECTRIC LOCOMOTIVES

REF. NO.	DESCRIPTION	QTY	MAT'L SPEC./	DRG. NO.
1	HOUSING COMPLETE	1	STEEL IS:2062	

STATUS	ALT.	REF. NO.	DESCRIPTION	APPD BY	DATE

DT	20.03.14
D	98/1
C	3/4/14