

RAIL COACH FACTORY, KAPURTHALA


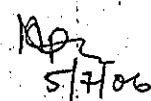
Document no. EDML069

1. Firm shall supply Set of Diffusers for MG-SG NON-AC Chair Car for Senegal Railways with dimension and quantity as below.

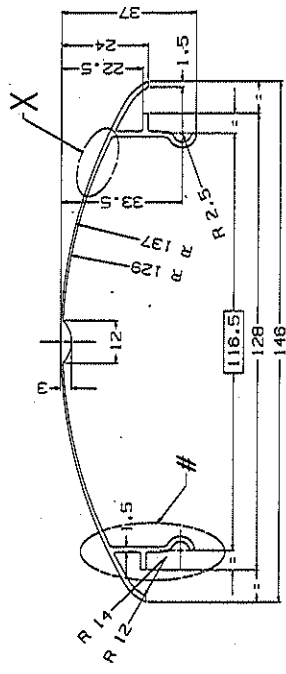
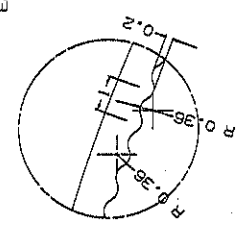
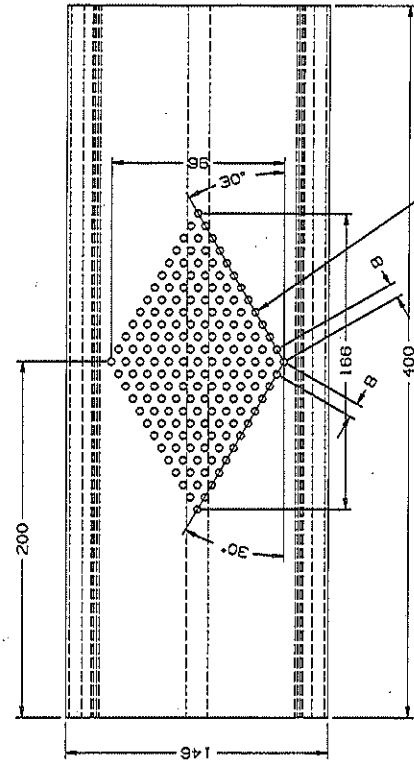
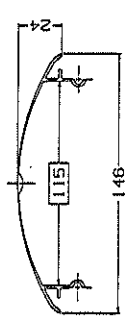
Item. No.	Description	Drawing No.	Qty
1.	Diffuser (L=400MM) With perforation	FJ76003	10
2.	Diffuser (L=416.5MM) With perforation	FJ76004	1
3.	Diffuser (L=555.5MM) With perforation	FJ76005	1
4.	Diffuser (L=620MM) With out perforation	FJ76006	14
5.	Diffuser (L=400MM) With out perforation	FJ76007	2

4000.0
416.5
555.5
8680.0
800.0
14452.0

2. The above dimensions are tentative and actual length shall be cut as per prototype approval on one coach. However, overall length of complete set shall remain same.
3. The holes for ventilation should be suitably formed/ machined to avoid any bad look.
4. The location of diffuser in coach shall be as per drawing no. FJ76002. The complete set should exactly fit as per this for which validation shall be done on one coach before commencing bulk supply.

EDML069	Nil	26.06.2006		 5/7/06	1 of 1
Document no.	Rev.	Date	SE/CAD-IV	DY.CEE/D&D	Sheet

1	2	3	4	5	6	7	8	9	10	11	12	13	
ALTERNATIONS		ZONE		ALTERATIONS		ALTERNATIONS		ZONE		ALTERATIONS		AUTHORITY	
NIL		NIL		NIL		NIL		NIL		NIL		NIL	



ENLARGED SIDE VIEW

DETAIL AT - X

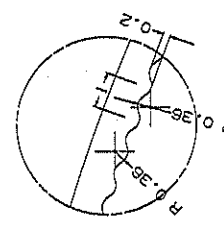
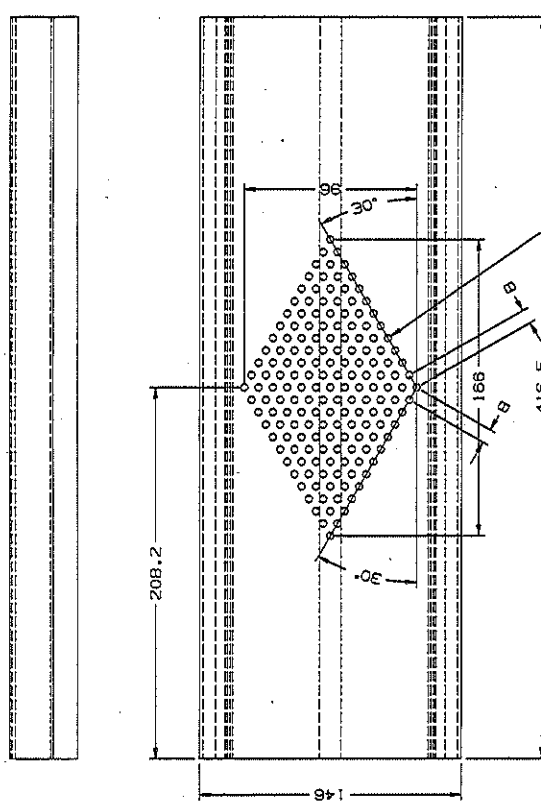
#7. ITEM SHALL BE SUITABLE FOR CLAMPING WITH THE SPRING SHOWN IN DRG. NO. FJ44127. ADEQUATE STRENGTH/TREATMENT SHALL BE GIVEN TO THIS PART TO ENSURE 10,000 MAKE/BRAKE OPERATIONS.
 6. DIFFUSER SHALL BE MADE FROM "LEXAN-940" POLYCARBONATE GRAINS OF GE PLASTICS ONLY AND SHALL BE TRANSPARENT WITH LIGHT TRANSMITTANCE OF >80%.
 5. DIFFUSER SHALL BE FREE FROM SCRATCHES, AIR BUBBLES AND HOLES ETC.
 4. DIFFUSER SHALL BE INJECTION MOLDDED/EXTRUDED ONLY.
 3. DIFFUSER TO BE FIRE RETARDENT.
 2. FRAMED DIMENSIONS SHALL BE STRICTLY ADHERED TO.
 1. ALL DIMENSIONS IN MM.
 NOTE: -

DETAIL DRGS STARTING WITH "L1" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE
 ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER THIS DRAWING INVALID.

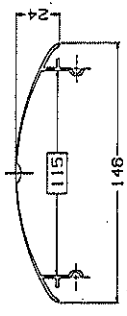
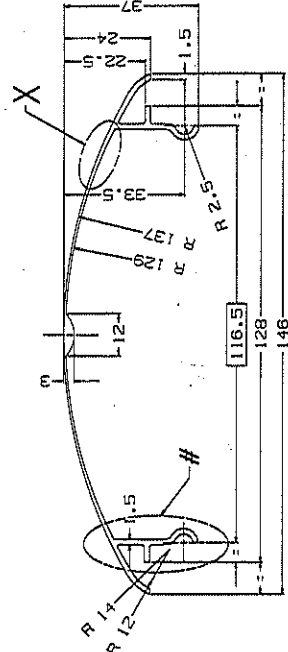
FOR UNTOLERANCED DIMENSIONS REFER MDG0008 DATE OF FIRST ISSUE 07/07/2005

WELD LENGTH	NIL	ITEM	DIFFUSER (L-600MM)	NIL	NIL	POLYCARBONATE	NIL
WEIGHT	NIL	GROUP	ELECTRICAL	(P/ASSEMBLY) DETAIL DRG	MATL. & SPEC.	REMARKS	
S. AREA	NIL	FILE	\\Nas\elec\m\k\A\F\J\FJ76003.prt	SUPERSEDES: NIL	SCALE	SS/ED	
LENGTH / PHA	NIL	DIFFUSER FOR		PL NO.	NIL	REF. DRG.	NIL
WIDTH / THICK	NIL	MG-SG NON-AC CHAIR CAR		DRG. NO.	FJ76003	ALT.	NIL
HEIGHT	NIL	(FOR SENEGAL RAILWAYS)		SIZE	A2	SHEET	1/1
	NIL	RAIL COACH FACTORY, KAPURTHALA		BY	CEE/DAD	DATE	12
	NIL	INDIAN RAILWAYS STANDARD					13

1	2	3	4	5	6	7	8	9	10	11	12	13	
ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG	
NIL		NIL		NIL		NIL		NIL		NIL		NIL	
ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG	
NIL		NIL		NIL		NIL		NIL		NIL		NIL	
ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG	
NIL		NIL		NIL		NIL		NIL		NIL		NIL	
ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG		ALT.DWG	
NIL		NIL		NIL		NIL		NIL		NIL		NIL	



ENLARGED SIDE VIEW



- #7. ITEM SHALL BE SUITABLE FOR CLAMPING WITH THE SPRING SHOWN IN DRG. NO. FJ44127. ADEQUATE STRENGTH/TREATMENT SHALL BE GIVEN TO THIS PART TO ENSURE 10,000 MAKE/BRAKE OPERATIONS.
6. DIFFUSER SHALL BE MADE FROM "LEXAN-940" POLYCARBONATE GRAINS OF GE PLASTICS ONLY AND SHALL BE TRANSPARENT WITH LIGHT TRANSMITTANCE OF 80%.
5. DIFFUSER SHALL BE FREE FROM SCRATCHES, AIR BUBBLES AND HOLES ETC.
4. DIFFUSER SHALL BE INJECTION MOLDDED/EXTRUDED ONLY.
3. DIFFUSER TO BE FIRE RETARDANT.
2. FRAMED DIMENSIONS SHALL BE STRICTLY ADHERED TO.
1. NOTE: - ALL DIMENSIONS IN MM

DETAIL AT - X

WELD LENGTH	NIL	GROUP	ELECTRICAL	DESCRIPTION & DIMENSIONS	DIFFUSER (L-116.5MM)	NIL	NIL	DETAIL DRG	NIL	POLYCARBONATE	NIL	REMARKS
WEIGHT	NIL	FILE	\\nos\elc\mvkv\p_jf_j76004.prt					SUPERSEDES:	NIL			
SCALE	NIL	SCALE	1:1									
PL NO.	NIL	PL NO.	NIL									
DRG. NO.	FJ76004	DRG. NO.	FJ76004									
ALT.	1/1	ALT.	1/1									

DETAIL DRGS STARTING WITH "L1" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE
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FOR UNTOLERANCED DIMENSIONS REFER MDG0008 DATE OF FIRST ISSUE 07/07/2006

1	2	3	4	5	6	7	8	9	10	11	12	13
M.T. NO.		ALT. DATE		ZONE		ALTERATIONS		AUTHORITY				
NIL		NIL		NIL		NIL		NIL		NIL		

DETAIL AT - X

ENLARGED SIDE VIEW

#7. ITEM SHALL BE SUITABLE FOR CLAMPING WITH THE SPRINGS SHOWN IN DRG. NO. F-41127. ADEQUATE STRENGTH/TREATMENT SHALL BE GIVEN TO THIS PART TO ENSURE 10,000 WAVE/FRAME OPERATIONS.

6. DIFFUSER SHALL BE MADE FROM "LEXAN-940" POLYCARBONATE GRAINS OF BE PLASTICS ONLY AND SHALL BE TRANSPARENT WITH LIGHT TRANSMITTANCE OF 90%.

5. DIFFUSER SHALL BE FREE FROM SCRATCHES, AIR BUBBLES AND HOLES ETC.

4. DIFFUSER SHALL BE INJECTION MOLDED/EXTRUDED ONLY.

3. DIFFUSER TO BE FIRE RETARDANT.

2. FRAMED DIMENSIONS SHALL BE STRICTLY ADHERED TO.

1. ALL DIMENSIONS IN MM.

NOTE-

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FOR UNTOLERANCED DIMENSIONS REFER MDG0008 DATE OF FIRST ISSUE 07/07/2006

NIL	DIFFUSER (L-520MM)	NIL	NIL	POLYCARBONATE	NIL
WELD LENGTH	DESCRIPTION & DIMENSIONS	DETAIL DRG	MAT. & SPEC.	REMARKS	
NIL	ELECTRICAL	SUPERSEDES: NIL			
FILE	\\Nos\elec\mvkv\nc_fj76006.prt				
WEIGHT	DIFFUSER FOR				
KG	MG-SG NON-AC CHAIR CAR				
S. AREA	(FOR SENEGAL RAILWAYS)				
NIL	RAIL COACH FACTORY, KAPURTHALA				
LENGTH / DIA	INDIAN RAILWAYS STANDARD				
NIL	PL NO. NIL				
HEIGHT / THICK	DRG. NO. FJ76006				
NIL	ALT. NIL (SIZE A2) SHEET 1/1				

