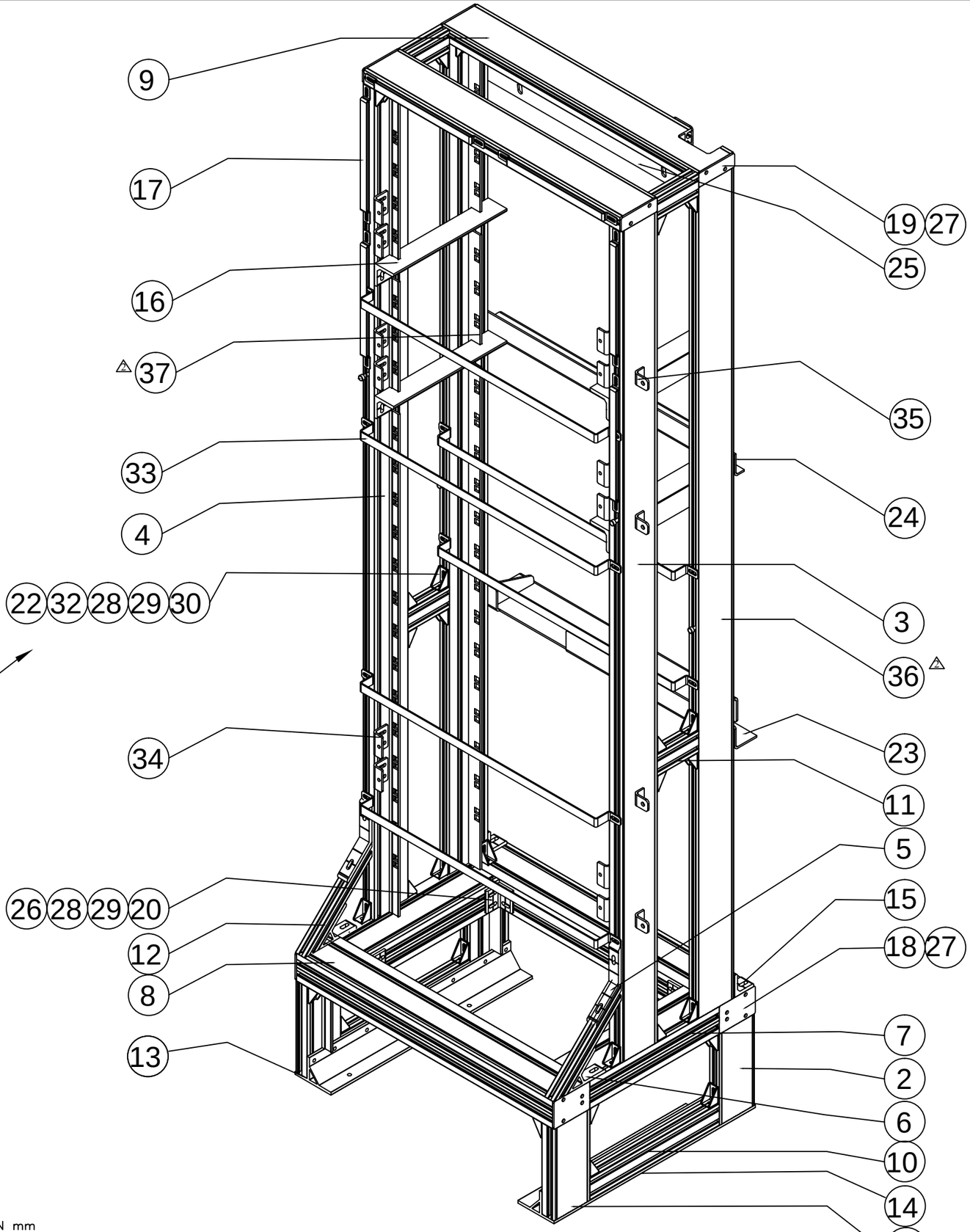

NOTE:

1. ALL DIMENSIONS ARE IN mm
2. ALL ALUMINIUM PARTS SHALL BE ANODISED TO Gr.AC15 of IS:1868.

3	2					1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~

FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227

UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM) — QUALITY OF WELD JOINTS REF. RD 230 MEDIUM

VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.

WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96 — STATUS:

UNCONTROLLED

	SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	WT. (Kg) / MATERIAL
⚠2	37	1	926-50163	FRAME-LH	L-1500		
⚠2	36	1	926-50162	FRAME-RH	L-1500		
⚠1	35	4	942-50262	EARTH BRACKET		THK-3,Alu5052	
⚠1	34	12	926-56125	BRACKET		THK-2.5,SS304	
⚠1	33	6	942-50236-1	WIRE SUPPORT		THK-2.5,SS304	
	32	70	942-50230-1	NUT PAD-M5		THK-2.5,SS304	
	31	50	RFS5960516	Hex.Soc head cap allen Bolt M5X16 to IS:2269/ Matl:IS-1367 (P-14) Gr-A2-70 Stainless steel			
	30	40	RFS5960508	Hex.Soc head cap allen Bolt M5X8 to IS:2269/ Matl:IS-1367 (P-14) Gr-A2-70 Stainless steel			
	29	170	RFW0920512	SPRING WASHER-B5 TO IS:3063-(TAB-1)/MATL:AISI-304,STAINLESS STEEL			
	28	80	RFS5960512	Hex.Soc head cap allen Bolt M5X12 to IS:2269/ Matl:IS-1367 (P-14) Gr-A2-70,Stainless steel			
	27	30	RFS7420512	Cross recessed CSK head screw M5X12 to IS:7485/ Matl:ISO-3506-79 Gr-A2-70,Stainless steel			
	26	100	942-50230	NUT PAD-M5		THK-3,SS304	
	25	1	942-50249	BACK PLATE		SM ,THK-3,SS304	
⚠1	24	1	942-50248	Z-PLATE-2		SM ,THK-3,SS304	
	23	1	942-50247	Z-PLATE-1		SM ,THK-3,SS304	
	22	40	942-50245	SUPPORT BRACKET ASSY,		SM ,THK-2,SS304 / CASTING	
⚠1	~~21~~	~~2~~	~~942-50244-1~~	~~BASE PLATE LH-RH~~	~~L-420~~	~~SM ,THK-5,ALU5052~~	
	20	4	942-50242	L-ANGLE	L-40	EX NO-942-50210-1	
	19	4	942-50240	END CAP PLATE-2 LH&RH	L-75	SM ,THK-3,ALU5052	
	18	4	942-50239	END CAP PLATE-1 LH&RH	L-75	SM ,THK-3,ALU5052	
⚠1	17	(X) 6	942-50236	WIRE SUPPORT		SM ,THK-1.5,ALU5052	
	16	4	942-50323	L-ANGLE	L-236.5	EX NO-942-50210	
	15	2	942-50228-23	L-ANGLE-LH-RH	L-25		
⚠1	14	1	942-50226	BASE-RH	L-420	EX NO-942-50209	
⚠1	13	1	942-50309	BASE-LH	L-420		
	12	2	942-50322	FRAME LH RH	L-198.5	EX NO-942-50204	
	11	4	942-50034-11	FRAME LH RH	L=86.5	EXTRUSION RE 942-50206	
	10	2	942-50034-10	FRAME LH RH	L=270		
	9	1	942-50219	FRAME TOP	L=534	EXTRUSION REF 942-50203	
	8	5	942-50034-8	FRAME FRONT & BACK,& TOP	L=534		
	7	4	942-50034-7	FRAME LH RH	L=270		
	6	2	942-50306	SUPPORT ANGLE	L-20	EX NO-942-50208	
⚠1	5	2	942-50321	SUPPORT BRACKET		SM,THK-5,ALU5052	
⚠2	4	⧖ 1	926-50151	FRAME-LH	L-1500	EXTRUSION REF 942-50202	
⚠2	3	⧖ 1	926-50150	FRAME-RH	L-1500		
	2	2	942-50318	FRAME-RH	L-165		
	1	2	942-50317	FRAME-LH	L-165		

ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD
⚠2	ITEM-36,37 ADDED ITEM-3&4 QTY 1 WAS 2 ECN No.926101114	25.10.18	VISHNU	SNH	KCS
⚠1	REVISED & REDRAWN ECN No.926100157	21.03.18	VISHNU	SNH	KCS

PRODUCT: BMRCL METRO CARS
REF. DRG. RPP85002ICEO
MATERIAL
HEAT TREAT.
SURFACE TREAT.
APPD KCS
REVD
CHKD SNH
DRWN KIRAN
TITLE: RACK,MC FRONT-RH
SCALE
SHEET 2 OF 2
WT.(Kg) 0
DRG No. 926-50036
ALT 2
BEML LIMITED

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GRADE No.	HW	HW	HW	HW	HW	HW	HT. TREAT
VALUE							
BY/MAR.							

SURFACE ROUGHNESS