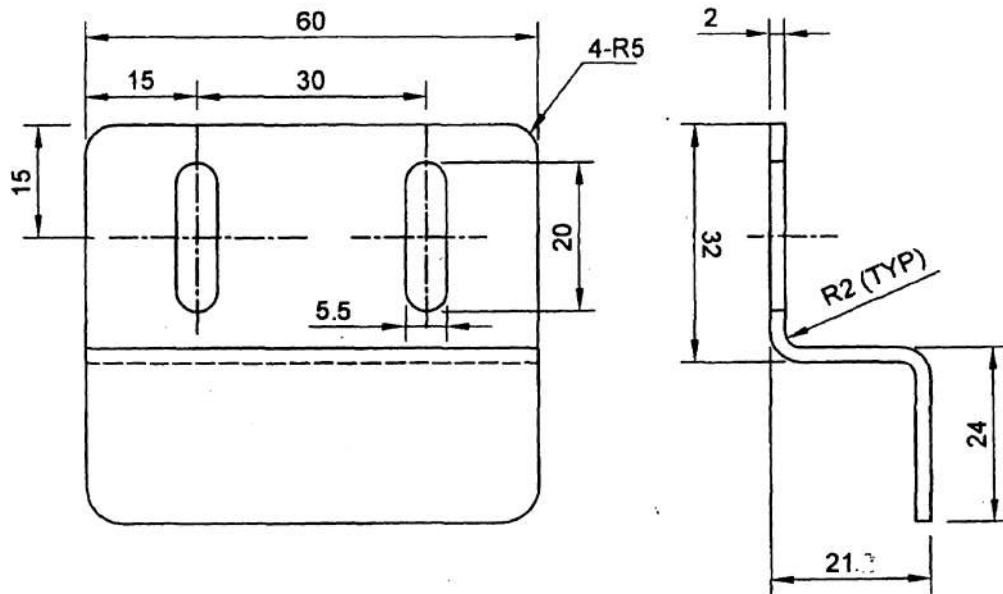



MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0-6	6-30	30-120	120-315	315-1000	1000-2000	2000-4000	ABOVE 4000
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227									
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)									
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS.1012.C.						QUALITY OF WELD JOINTS REF, ISO: 5817			
PAINTING SHALL BE DONE AS PER RD - 38						-PROTO/PILOT/PRODUCTION			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96									



UN CONTROLLED

GRADE No.	VALUE	SYMBOL
N1	0.025	▽
N2	0.05	▽
N3	0.1	▽
N4	0.2	▽
N5	0.4	▽
N6	0.8	▽
N7	1.6	▽
N8	3.2	▽
N9	6.3	▽
N10	12.5	▽
N11	25	▽
N12	50	▽

				71x60x2THK.		SUS304	
SL.No.	QTY	DRG. / STOCK No.	DESCRIPTION		SIZE	COMPANY.STD/IS.STD	Wt.Kg.
		DETAIL PARTS				MATERIAL	
		PRODUCT DMRC BG METRO CARS					
						SURFACE TREATMENT	
						SCALE 1:1	Wt.(Kg)
						REF DRG	
						APPROVED	24/2
						CHECKED	24/2/12
						DRAWN	22.02.12
						DRG No.	ALT
						909-19587	
						-	

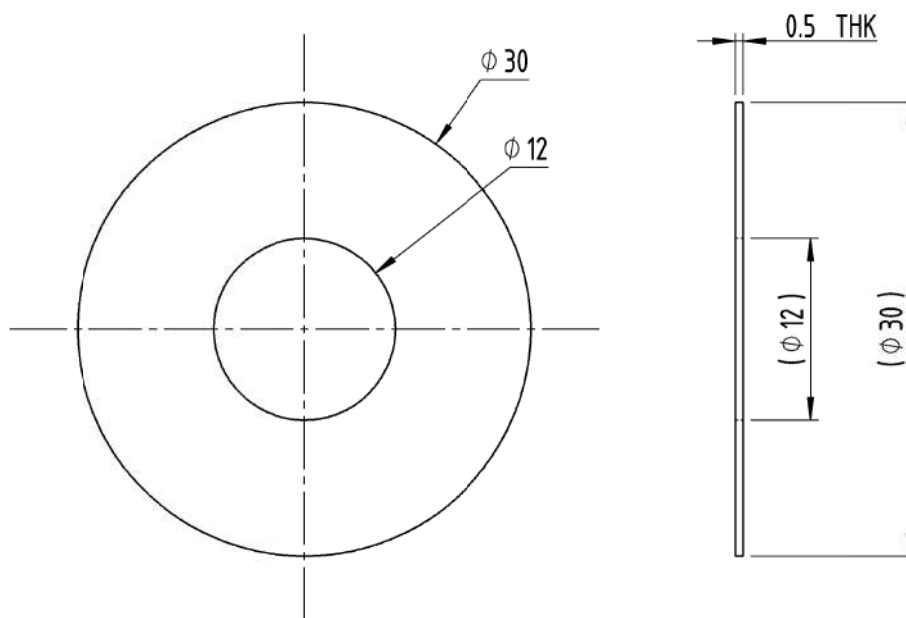
QTY	NEXT ASSY	MODEL
TITLE BRACKET		
 BEM LIMITED R&D, BANGALORE COMPLEX BANGALORE 560 075		

ALT	CHANGES	DATE	BY	CHKD	APP
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<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> COPY RIGHT & CONFIDENTIAL THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF BEML & CONTAINS CONFIDENTIAL INFORMATION. THIS DOCUMENT OR ITS CONTENTS SHALL NOT BE USED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN PERMISSION OF BEML. THIS DOCUMENT & ALL ITS COPIES SHALL BE RETURNED TO BEML ON DEMAND. DRAWING RELEASED FROM PLM, PHYSICAL SIGNATURE NOT REQUIRED </p>	MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA																																																																																																																																																																
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								218x20x2THK																																																																																																																																																																				
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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.							STATUS:	PROTO / PRODUCTION		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										



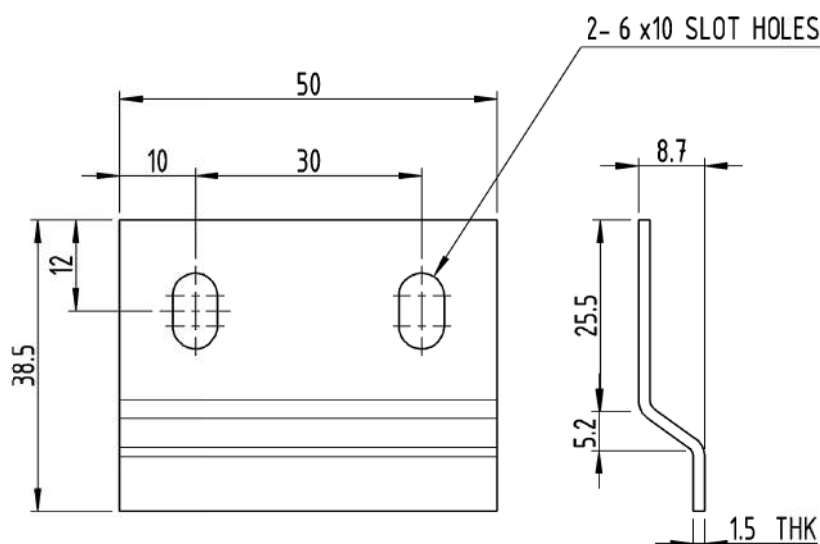
UN CONTROLLED

NOTE: REMOVE ALL SHARP EDGES AND BURRS.

[illegible]

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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										
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VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.							STATUS:	PROTO / PRODUCTION		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										



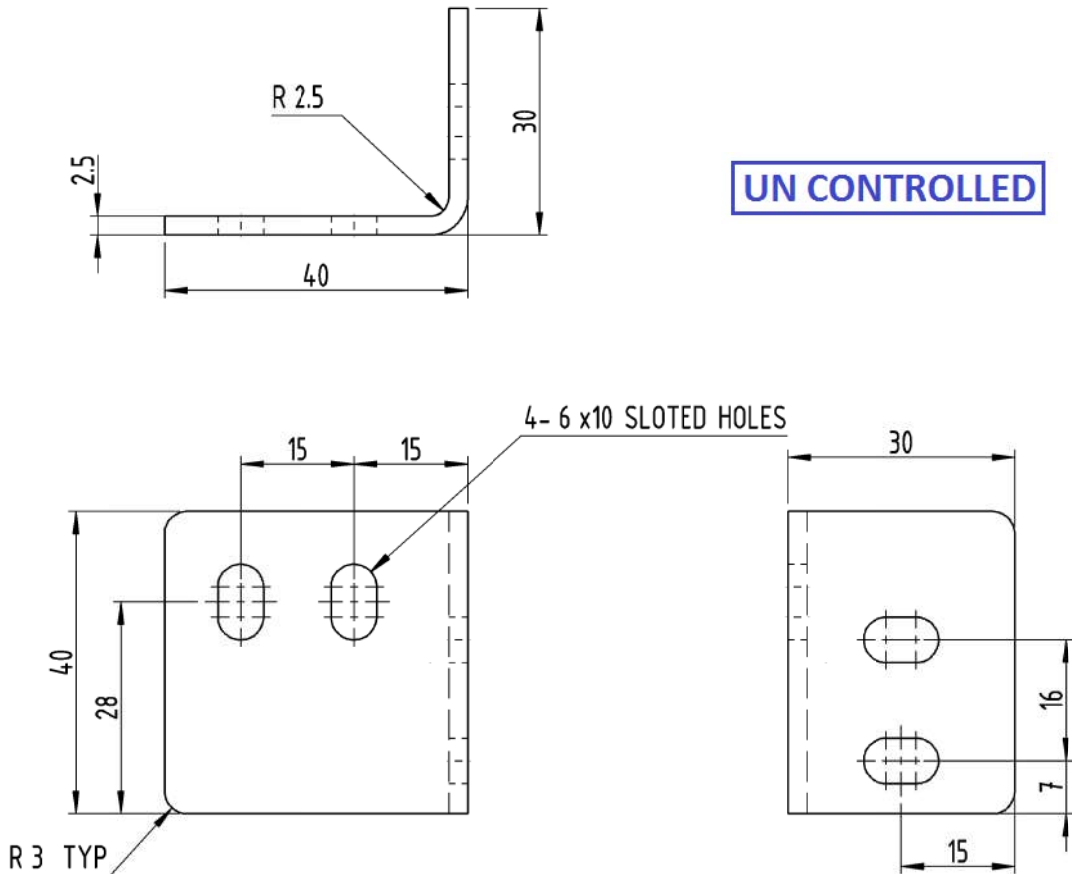
UN CONTROLLED

NOTE: REMOVE ALL SHARP EDGES AND BURRS.




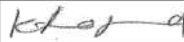

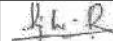
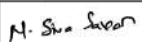

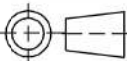


[illegible]

GRADE No.	VALUE	SYMBOL
N1	0.025	▽
N2	0.05	▽
N3	0.1	▽
N4	0.2	▽
N5	0.4	▽
N6	0.8	▽
N7	1.6	▽
N8	3.2	▽
N9	6.3	▽
N10	12.5	▽
N11	25	▽
N12	50	▽
SURFACE ROUGHNESS		

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.							STATUS:	PROTO / PRODUCTION		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										



NOTE: REMOVE ALL SHARP EDGES AND BURRS.

						65x40x2.5 THK							
SL.No.	QTY	PART / STOCK No.				DESCRIPTION				SIZE	COMPANY STD./I.S	Wt. (Kg)	
											MATERIAL		
						PRODUCT	DMRC BG METRO CARS						
						REF DRG							
						MATERIAL	SUS304, 2B FINISH						
						HEAT TREAT.		APPD		10.04.2018			
						SURFACE TREAT.		REVD		10.04.2018			
						TITLE	BRACKET 3	CHKD		10.04.2018			
								DRWN		10.04.2018			
								SCALE		SHEET	Wt.		
								1:1		1 OF 1	-		
								DRG No.		ALT			
ALT.NO.	ECN NO/CHANGES				DATE	BY	CHKD	APPD	 BEM BEML LIMITED <small>NEW FRONTIERS. NEW DREAMS</small>			909-19647	

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA																																																																																																																																																															
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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	±3	~				
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227														
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 202 (PT-1) (MEDIUM)								QUALITY OF WELD JOINTS REF. RD 230 MEDIUM						
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C								STATUS: PROTO / PRODUCTION						
WELDING SHALL BE CARRIED OUT AS PER IS 9555-56														