

## VEHICLE DIAGRAM BOOK NO:320 FOR

### B.R. REVENUE FREIGHT VEHICLES

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(PART 3)

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#### INSTRUCTIONS FOR THE ALLOCATION OF TARE AND CARRYING CAPACITY

All vehicles on each Lot are to be individually weighed on completion and the tare obtained rounded to the nearest 50 kg; this is the tare to be painted on the Traffic Panel.

e.g. Weighbridge readings 12 000 kg to 12 024 kg to be written 12 000 kg.

Weighbridge readings 12 025 kg to 12 050 kg to be written 12 050 kg.

The actual tare of the first vehicle of a Lot shall be communicated to the Design Engineer (Rolling Stock) Derby who will specify the carrying capacity to be written on the traffic panel.

The Design Office will obtain the carrying capacity by subtracting the actual tare from the G.L.W. for the vehicle. This weight will be rounded to a whole or half tonne and irrespective of the individual tares of the remaining vehicles in the Lot, this shall be the carrying capacity to be written on vehicles similarly constructed on that Lot number.

## VEHICLE DIAGRAM BOOK NO

RS freight vehicles ( OA
 (Part 3) Revenue В.К.

### Revision

are no longer live. Please remove them from the diagram The following diagrams book.

RF006A	RF008A	RF010A	RF010B	RF011A	RF012A	RH002A	RR001A	RROOLE	RR001G	RR003C	RR036A	RR041A	RS001A	RS002A
OJ002B	OJ002C	OJ002E	OJ002F	OO001B	00002C	00002D	OU001A	RB034A	RB037A	RB039A	RB041A	RF001A	RF002A	RF004B

nt of the it shall the front After incorporating the above, endorse the revision record at the fron diagram book accordingly. When the revision letter has been actioned, be stored at the front of the publication.

Date Ref. Tel.

RF005A

5.1.90 . TBF 172-125-2(BC) 3507

DM & EE DERBY. RIC.

Issued by:

## 320 VEHICLE DIAGRAM BOOK No.

### $\Re$ **O** vehicles (Part 3) freight Revenue B.R.

Revision 7

DESIGN CODE	ACTION	REASON FOR CHANGE
OT002A	insert	first issue
OT002B	insert	first issue
OT002C	insert	first issue
ОТ002D	insert	first issue
OT002E	insert	first issue
index	insert	additional diagram

After incorporating the above, endorse the revision record at the front of the diagram book accordingly. When the revision letter has been actioned, it shall be stored at the front of the publication.

6.9.89 172-125-2(BC) 3507 Date Ref. Tel.

•• Issued by DM & EE DERBY. RIC

RR)
ı
(OA

LOT NUMBER					
DESCRIPTION	41t Open timber wagon				
DIAGRAM NO.	OT002A	OT002B	OT002C	OT002D	OT002E

# VEHICLE DIAGRAM BOOK NO 320

RS S S Revenue freight vehicles B.R.

(Part 3)

<u>v</u> Revision

REASON FOR CHANGE	Amendment	First issue	Amendment	First issue	Additional diagrams											
ACTION	Remove issue 1 & insert issue 2	Insert	Remove issue 1 & insert issue 2	Insert												
DESIGN CODE	OBOOIC	OBOOLE	OD001A	OT002F	RD001A	RE001A	RF003B	RF013A	RG001A	RHO02A	RR045A	RS001A	RS002A	RS003A	RS004A	Index

of the t shall After incorporating the above, endorse the revision record at the front diagram book accordingly. When the revision letter has been actioned, it be stored at the front of the publication.

Date Ref. Tel.

13.6.89. TBF 172-125-2(BC) 3507

Issued by:

ΞE DM &

DERBY.

# ADDITION TO B.R. REVENUE INDEX

### (OA - RS)

							1518							2604	
LOT NUMBER					,		1517							2476	
LOT	3930	3930	4030	3855	3086	4041	1471	4041	3243	3243	3961	4041	3472	2327	1273
DESCRIPTION	46t Open wagon	46t Open wagon	21t Open wagon (MoD)	41t Open timber wagon	19.6t Sheet wagon	17.6t Match wagon	20.3t Match wagon	17.6t Adaptor wagon (LTE stock)	8.9t Match wagon	8.9t Match wagon	19.5t Runner wagon	17.6t Reach wagon	14.9t Reach wagon	9.8t Reach wagon	15.5t Reach wagon
DIAGRAM NO	OB001C	OB001E	OD001A	OT002F	RD001A	RE001A	RF003B	RF013A	RG001A	RH002A	RR045A	RS001A	RS002A	RS003A	RS004A

### 320 VEHICLE DIAGRAM BOOK NO.

RR) freight vehicles (OA
 (Part 3) Revenue B.R.

Revision

DESIGN CODE

ACTION

REASON FOR CHANGE

OE001A

insert issue w issue 1 гетоте

amendment

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After incorporating the above endorse the revision record at the front of the diagram book accordingly. When the revision letter has been actioned, it shall publication. diagram book accordingly.When be stored at the front of the be stored at

Date Ref. Tel.

22.1.87 172-125-2(BC) 3567

Issued by DM & EE RTC.

DERBY.

Diagram		Description	Lot Numbers
0A001A	45t	GLW OPEN WGN	3727
0A001B	45t	GLW OPEN WGN	3727
OB001C	46t	GLW OPEN WGN (WITH TURNOVER BOLSTER)	3909, 3930.
<b>0</b> B001D	46t	GLW OPEN WGN (WITH TURNOVER BOLSTER)	3930
0C001A	46t	GLW OPEN WGN (WITH TURNOVER BOLSTER)	4014
0D001A	21t	GLW OPEN WGN (MOD)	4030
0E001A	46t	GLW HOODED OPEN WGN	3930
0J002B	32.5t	GLW OPEN HIGH WGN	2579, 2851.
0J002C	33t	GLW OPEN HIGH WGN	2579, 2851.
0J002E	32.5t	GLW OPEN HIGH WGN	2579, 2851.
0J002F	33t	GLW OPEN HIGH WGN	2851
00001B	20t	GLW OPEN CLAY WGN	2974, 3098, 3195, 3296.
00002A	20t	GLW OPEN CLAY WGN	2590, 2697, 2871.
00002B	20 t	GLW OPEN CLAY WGN	2974, 3098, 3195, 3296.
00002C	20 t	GLW OPEN CLAY WGN	2871
00002D	20 t	GLW OPEN CLAY WGN	3296
0T001A	46t	TIMBER WGN	4014
<b>0T0</b> 01B	46t	TIMBER WGN	4014
OT001C	46t	TIMBER WGN	4014
0U001A	33t	GLW SHOCHOOD WGN	3429

Diagram		Description		Lot Numbers
RB034A	BARRIER WGN		3413, 3472.	
RB034B	BARRIER WGN		3472	
RB037A	BARRIER WGN		3569	
RB039A	BARRIER WGN		2848, 3022.	
RB041A	BARRIER WGN		3887	
RF001A	ADAPTOR WGN		3243	
RF002A	ADAPTOR WGN		3227	
RF002B	ADAPTOR WGN		3227	•
RF003A	ADAPTOR WGN		1471, 1517, 1518.	
RF004B	ADAPTOR WGN		2551	1
RF005A	ADAPTOR WGN		1458	
RF006A	ADAPTOR WGN		1322	
RF008A	ADAPTOR WAGON		2479	
RF0010A	ADAPTOR WGN		<del>-</del>	
RF0010B	ADAPTOR WAGON		-	
RF0011A	ADAPTOR WGN	•	2197, 2361	

		INDEX SHEET No. 20	
Diagram	Description	Lot Numbers	
RF0012A	ADAPTOR WGN	2319, 2367, 2470.	
RR001C	RUNNER WGN	2734, 2862.	
RR001E	RUNNER WGN	3223, 3338.	
RG001G	RUNNER WGN	3223, 3338.	
RR003C	RUNNER WGN	2199, 2476, 2604.	
RR <b>0</b> 34A	RUNNER WGN	3728	
RRO34B	RUNNER WGN	3728	
RR035A	RUNNER WGN	3728	
RR036A	RUNNER WGN ,	2770, 2850.	
RR039A	RUNNER WGN	3579, 3586.	
RR041A	RUNNER WGN	3229	

Issue 4

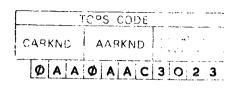
RR043A

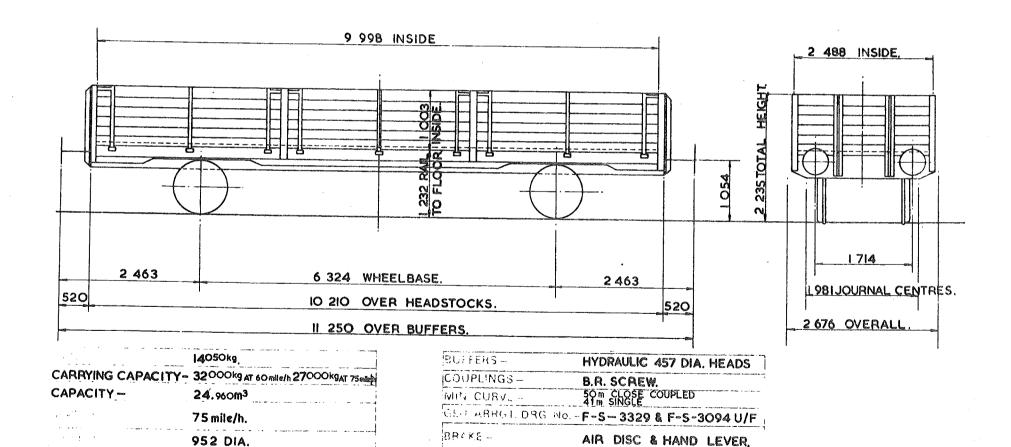
RUNNER WGN

3472



EXCESS LENGTH 8	Н	М	L	Ε
tonnes.	42	40	25	14
<b>₩</b>			-	-
AB	27	27	17	12
RA	В	6	١	ı
MAX. SPEED	60	75	75	75





ISSUE 3.

EX.B.R. DIAGRAM 1/191.

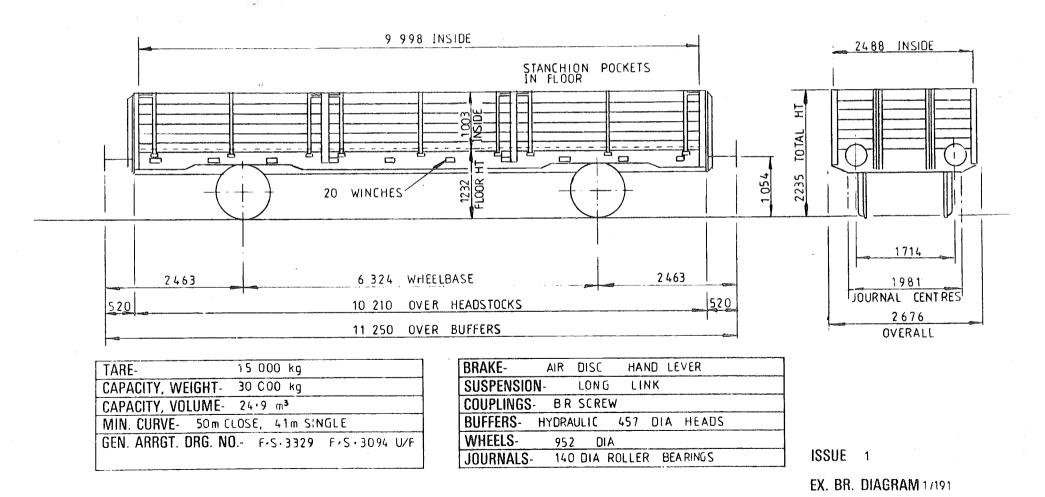
SUSPENSION

LONG LINK,

140 DIA. ROLLER BEARINGS.

LOT N	UMBER
3727	

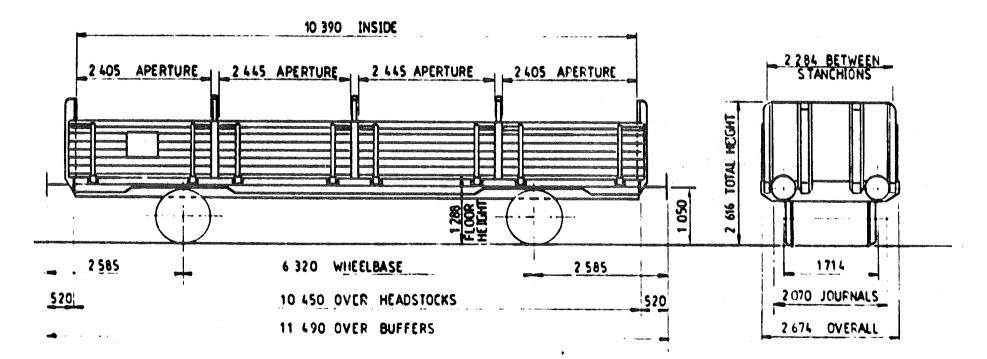
	TOPS INFORMATION										
AARKND	OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN					
CARKND	PANEL No.	75 mile/h UP TO to toppe GLW	4·5·+(0·5×t)	LENGTH	(GLW)	SHEET					
OAA	3 0 2 3	60 mile/h ABOVE 40 tonne GLW	4.3 + (0.3 x 1)	8	8	W 1424					



LOT NUMBER				
PART 3930				

EXCESS LENGTH 8	Н	М	L	E
tonnes	42	40	25	14
- 43				
AB	24	18	11	7
RA	8	6	1	1
SPEED	60	75	75	75

TOPS CODE						
CARKNO AARKNO OPERATING PANEL NO						
0 B A	0 B A M	3024				



TARE - 14 850 Kg
CARRYING CAPACITY - 31 000 kg
CAPACITY - 22.639 m3
MAX SPEED - 60 mile/h at 46t GLW. 75 mile/h at 41t GLW
WHEELS - 0 952
JOURNALS - # 140 ROLLER BEARINGS

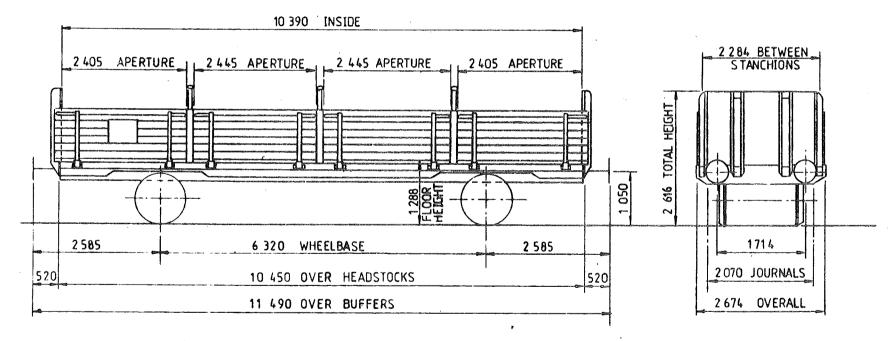
BUF	FERS	SEL	F CO	DINIATE	. 0 457	HEADS	
cou	PLIN	35	BR.	SCREW.	er Australia esta de la constanta de la consta		
MIN.	CUR	VE	33m	CLOSE	تون	PLED	
				o F-			
8RA	KE -	AIR	DISC	, HAND	LEVE	R	• •
SUS	PENS	ION -	B.R	FRICTIU	N L!	NK	

losue 2

LOT NUMBER	
PART 3930	

EXCESS LENGTH 8	Н	М	L	E
tonnes	42	40	25	14
<b>∀8</b>				
AB	24	18	11	7
RA	8	6	1	1
MAX. SPEED	60	75	<b>7</b> 5	75

TOPS CODE									
CARKND		AARKND		OPERATING PANEL No			3		
0 B	Α	0	В	Α	M	3	0	2	4



TARE - 14 850 Kg	
CARRYING CAPACITY - 31 000 Kg	
CAPACITY - 22.639 m <sup>3</sup>	
MAX. SPEED - 60mile/h at 46t. G.L.W. 75mile/h at 41t G.L.W.	•
WHEELS - Ø 952	
JOURNALS - Ø 140 ROLLER BEARINGS	

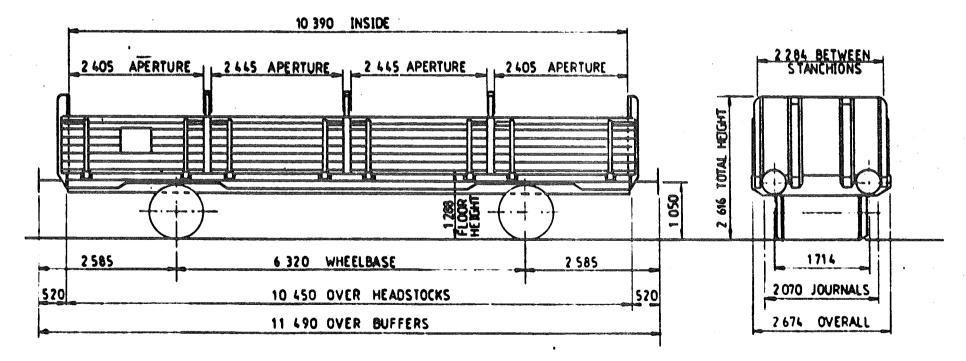
BUFFERS -	SELF CONTAINED, Ø 457 HEADS.	
COUPLING	S - B.R. SCREW.	
MIN. CUR	E - 50m CLOSE COUPLED.	
GEN. ARRO	T. DRG. No F-S-13323.	
BRAKE -	AIR DISC, HAND LEVER.	
SUSPENSI	ON - B.R. FRICTION LINK	-

Issue 1

LOT NUMBER	
PART 3930	l
	l
e de la Magazia gentra (n. 12 a como esta portanti de la como Magazia de grando de la como de la como esta portanti del como esta portanti del como esta portanti de la como esta portanti del como esta portanti del como esta portanti de la como esta portanti del como esta portantida del como esta	l

EXCESS LENGTH 0	Н	М	L	E
tomes	42	40	25	16
AB	24	18	11	7
RA	8	6	1	1
MAX SPEED	60	75	75	75

TOPS CODE								
CARKNO AARKNO OPERATIO								
OBA	O B A N	3024						



TARE -	- 14 85	o Ka					
CARM	mg c	APACIT	V - 31	000 4	(g		
CAMO	ITY -	22.639	m <sup>9</sup>	***********			•
MAX.	SPEED -	60mile 75mile	/h at /h at	461. 411	G.L.W.	*	
WHEE	LS -	952					
JOURI	VALS-	ø 140	ROLL	<b>ER</b> B	EARING	5	

BUFFERS	- SELF CONTAINED, 9 457 HEADS	and the Property of the control of t
	SS - BR SCREW.	
MIN. CUR	VE - 30 CLOSE COUPLED .	
GEN ARR	GT DRG No F-3-16931	
BRAKE -	AIR DISC. HAND LEVER	
SUSPENS	ON - B.R , FRICTION LINK	

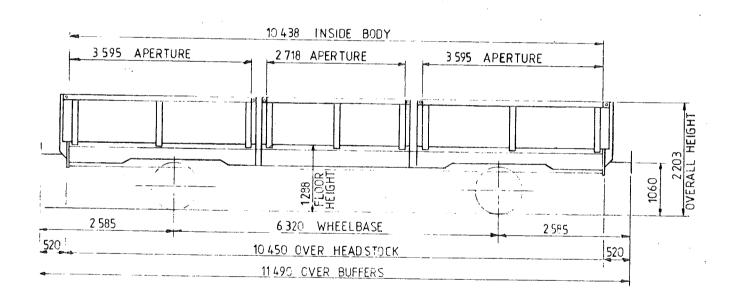
SECURING LOOPS FITTED TO FLOOR FOR 'SPANSET' STRAPS.

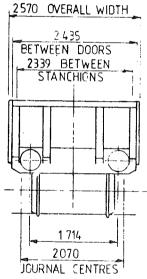
issue 1

LOT NUMBER	
4014	

Н	M	L	E
46	40	25	15
24	-18	11	7
8	6	1	1
60	75	75	<b>7</b> 5
	24 8	46 40 24 18 8 6	46     40     25       24     18     11       8     6     1

TOPS CODE								
CARKND	CARKND AARKND							
ØCA	A Ø C A N 8 9 7 3							



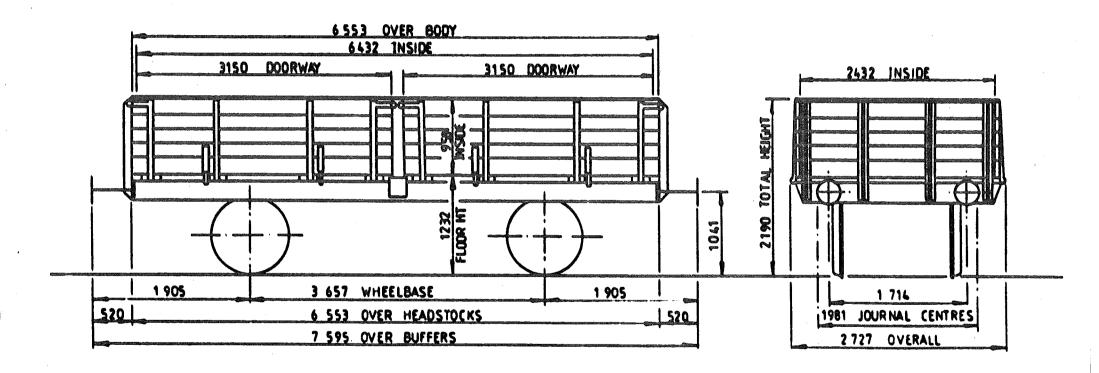


TARE - 14450 Kg	
CARRYING CAPACITY - 31500 Kg	
CAPACITY - 23 · 25 m <sup>3</sup>	
MAX SPEED - 60 miles/h at +5°, G.L.W. 75 miles/h at 41t, G.L.W.	
WHEELS - φ 952	
JOURNALS - Ø 140 ROLLER BEARINGS	

BUFFERS - HYDRAULIC Ø 457 HEADS	——————————————————————————————————————
COUPLINGS BR SCREW	
MIN. CURVE - 50m CLOSE COUPLED	
GEN. ARRGT. DRG. No C1-S-9005834	
BRAKE-AIR DISC & HAND LEVER	
SUSPENSION - LONG LINK	

LOT N	UMBER
4030	

TOPS INFORMATION								
AARKND OPERATING OPERATING SPEED BRAKE FORCE DATA EXCESS   RA   DESIGN								
	LENGTH	(GLW)	SHEET					
ODAA3059 mile/h ABOVE 21 tollie GEV	2	1	W 898					



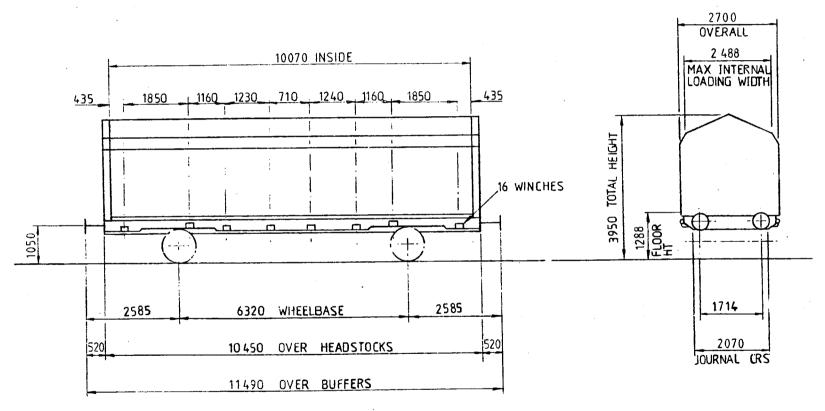
TARE.	9000 kg
CAPACITY, WEIGHT-	12000 kg
CAPACITY, VOLUME-	15 · 185 m 3
MIN. CURVE-	26 m
GEN. ARRGT. DRG. NO	SM10£1360F0
	SWI DE 1 360 6 1

BRAKE-	Al	R	84.0	)(K		IAND	LE	VE	R
SUSPENSION	].	Sı	NGL	E	LIN	K	nin die Angles		art mengga talah seberatah permatakan armen beratan dalam dalam sebesah dari beratan dalam sebesah dari berata
COUPLINGS-	BR	SC	REV	1				T (Jo P Royales	
BUFFERS-	HYD	RA	UL 10		406	DIA	HE	A D	\$
WHEELS-		9	52	DIA			dendro de credidos	(Centrologis)	
JOURNALS-	1	111	DIA	RO	LLER	BEA	RINC	S	

EX. BR. DIAGRAM 1/462 (EX SOCOTH)

LOT NUMBER					
3930					

	TOPS INFORMATION								
AARKND	OPERATING	OPERATING SPEED		BRAKE FORCE DATA	EXCESS	RA	DESIGN		
CARKND	PANEL No.	75 mile/h UP TO 41 topp	e GIW	-1·275 + (0·55 × tonnes)	LENGTH		1 1		
0 E. A A		60 mile/h ABOVE	U ULW		8	7	W 1490		



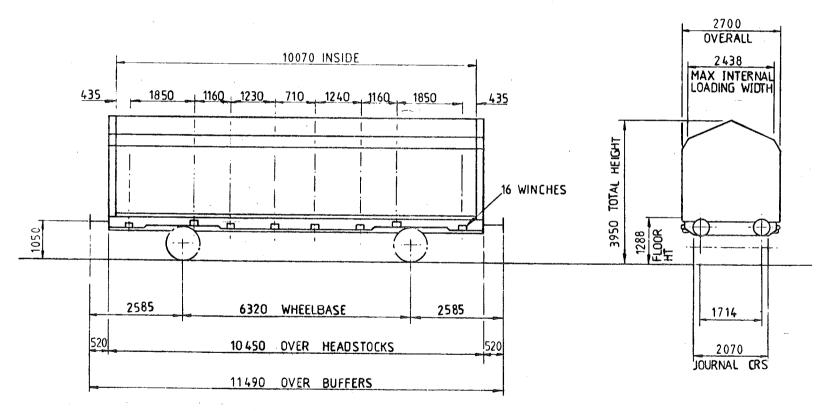
TARE-	16 600 kg
CAPACITY, WEIGHT-	2 <b>9</b> 400 kg
CAPACITY, VOLUME-	57 m <sup>3</sup>
MIN. CURVE- 41m	SINGLY & 50m CLOSE COUPLED
GEN. ARRGT. DRG. N	0 F-S-16931
	B1-A0-8600597.

BRAKE-	AIR DISC, HAND LEVER
SUSPENSION-	FRICTION LINK & BRUNINGHAUS SPRINGS
COUPLINGS-	B.R. SCREW
BUFFERS-	SELF CONTAINED \$\phi457\$ HEADS
WHEELS-	Φ952
JOURNALS-	Φ140 ROLLER BEARINGS

EX. BR. DIAGRAM Ø80010

LOT N	UMBER
3930	

TOPS INFORMATION								
AARKND OPERATIN CARKND PANEL NO 0 E A A	70 -: In /h IID TO	BRAKE FORCE DATA -1.275 + (0.55 × tonnes)	EXCESS LENGTH 8	_	DESIGN SHEET W 1490			



TARE-	16 600 kg
CAPACITY, WEIGHT-	29 400 kg
CAPACITY, VOLUME-	57 m <sup>3</sup>
MIN. CURVE- 41m S	SINGLY & SOM CLOSE COUPLED
GEN. ARRGT. DRG. NO	- F-S-16931
	B1-A0-8600597

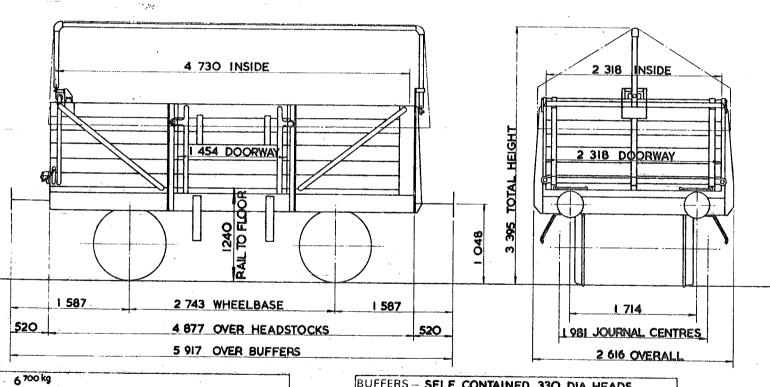
BRAKE-	AIR DISC, HAND LEVER.
SUSPENSION-	FRICTION LINK & BRUNINGHAUS SPRINGS
COUPLINGS-	B.R. SCREW
BUFFERS-	SELF CONTAINED \$457 HEADS
WHEELS-	Φ952
JOURNALS-	Φ140 ROLLER BEARINGS.

EX. BR. DIAGRAM ØB001C

LOT NUMBER					
2590					
2697					
2871					

EX	CESS NGTH	Н	М	L	E
	onnes	19	16	11	В
	VB	3	3	3	3
	AB				-
	RA	1	ı	1	1.
SP	XX. EED	45	45	45	45

	TOPS CODE									
	CARKND AAR			ARKN	D	OPER PANE	ATING			
٠		Ø	Ø	٧	Ø	ØV	Н			7



CARRYING CAPACITY-13000kg

CAPACITY-9.747. m³

IMAX. SPEED - 45 mile/h

WHEELS - 952 DIA

JOURNALS - 228 X 108 PLAIN BEARINGS

BUFFERS - SELF CONTAINED 330 DIA.HEADS
COUPLINGS - B.R. SCREW

MIN CURVE - 15 m

GEN ARRGT DRG No. - 140243

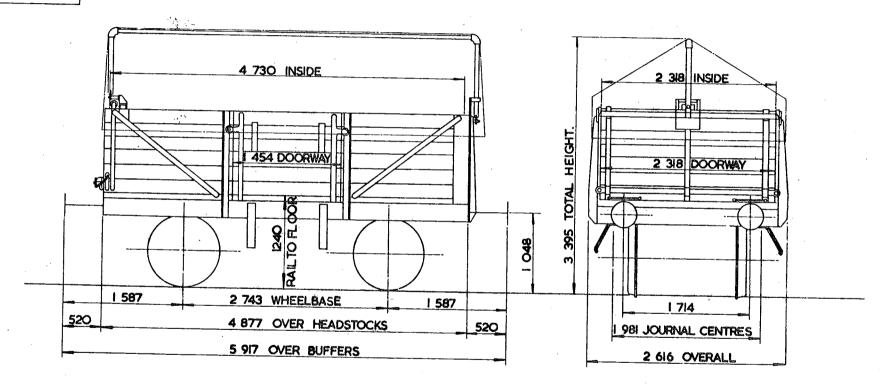
BRAKE - VACUUM BLOCK & HAND LEVER
SUSPENSION - SHOE

ISSUE 1. EX B.R. DIAGRAM 13

EX LOT	
NUMBER	
2974	
3098	•
3195	
3296	

EXCESS LENGTH	Н	М	L	E
tonnes	19	16	11	8
VB	3	3	3	3
AB			******	
RA	ı	1	ı	ı
MAX. SPEED	45	45	45	45

TOPS CODE						
CARKND	AARKND	OPERATING PANEL No				
ØØV	Ø Ø V H	7				



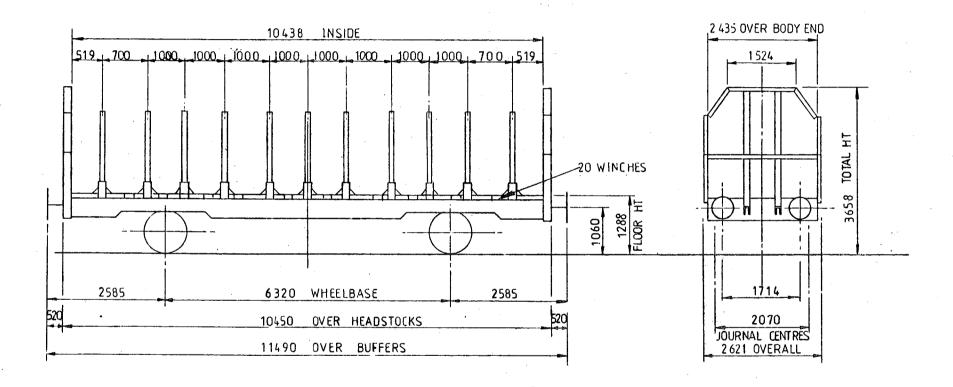
TARE	6700 kg
CARRYING CAPAC	ITY - 13000 kg
CAPACITY -	9.747 m3
MAX. SPEED –	45 mile/h
WHEELS -	952 DIA.
JOURNALS-	228x108 PLAIN BEARINGS

BUFFERS -	SELF CONTAINED 330 DIA HEADS
COUPLINGS -	INSTANTER
MIN. CURVE –	15 m
GEN. ARRGT. DRG.	No <b> 40243</b>
BRAKE -	VACUUM BLOCK & HAND LEVER
SUSPENSION -	SHOE

ISSUE 1. EX. B.R. DIAGRAM 13.

LOT NUMBER					
4014					

TOPS INFORMATION							
	OPERATING	OPERATING S	SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN
CARKND	PANEL No.	75 mile/h UP TO	/ C tonne GIW	-1·43 + (0·553 × t)	LENGTH	(GLW)	SHEET
OTAA		60 mile/h ABOVE	40 toine ora	11 × 555 0 1 4 541	8	9	W 1517



TARE-	15 250 kg	
CAPACITY, WEIGHT-	30 750 kg	
CAPACITY, VOLUME-		
MIN. CURVE-	SUM CLOSE 41m SINGLE	
GEN. ARRGT. DRG. N	NO B1-A0-8600641 C1-S-9005834	

BRAKE-	AIR	DISC,	ł	IAND	LE'	VER.	
SUSPENSIO	V-	LONG	LII	٧K			
COUPLINGS-	. 8	.R.SCI	REW				-
BUFFERS-	HY	DRAUL	ı C	457	DIA	HEADS	
WHEELS-	DIA	95	2			, , , , , , , , , , , , , , , , , , ,	
JOURNALS-	1	40	DIA	ROL	LER	BEARINGS	

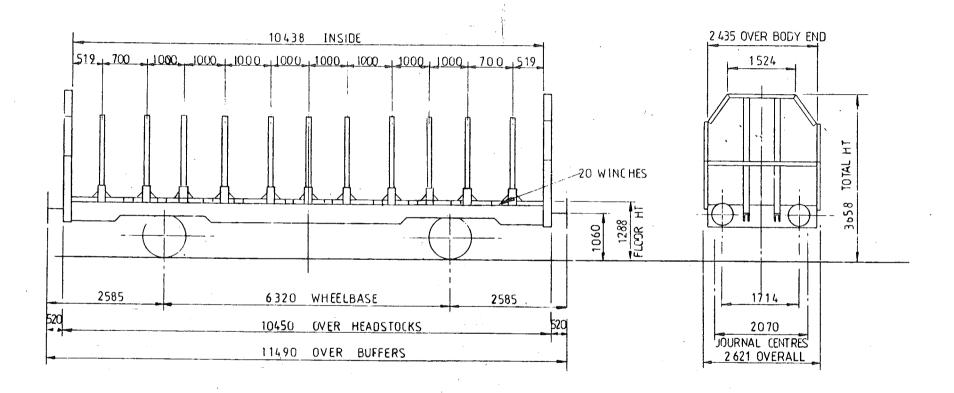
EX. BR. DIAGRAM 0C001A

### 46 tonne G.L.W. TIMBER CARRYING WAGON ('EXTE' BOLSTERS AND STANCHIONS)

ØT001 B

LOT NUMBER						
4014						

	TOPS INFORMATION							
-	OPERATING	OPERATING S	SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN	
CARKND	PANEL No.	75 mile/h UP TO	/ O tanna GIW	$-1.43 + (0.553 \times 1)$	LENGTH	(GLW)	SHEET	
OTAB		60 mile/h ABOVE	40 tonne ocva	1-45 + ( 0-333 x 1 )	ç	9	W 1609	



TARE-	15 000 kg		
CAPACITY, WEIGH	T- 31000kg		
CAPACITY, VOLUM	1E-		
MIN. CURVE-	50 m CLOSE	41 m	SINGLE
GEN. ARRGT. DRG			

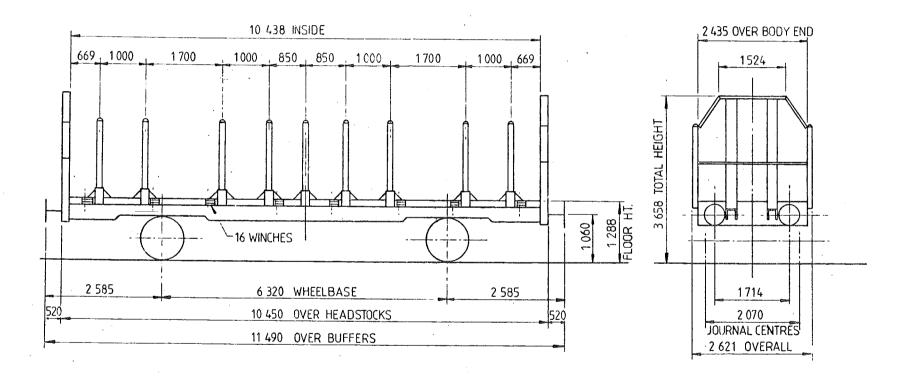
BRAKE-	AIR	DIS	С,	Н	AND	LE	VER	
SUSPENSION	1-	LOI	١G	LIN	IK.			
COUPLINGS-	8	,R.S	SCR	W				
BUFFERS-	НΥ	DRA	ULIC		457	DIA.	HĘADS	
WHEELS-	DIA	4 9	52					
JOURNALS-	1	40	[	ΠA	ROL	LER	BEARINGS	

ISSUE

EX. BR. DIAGRAM OCOO1A

LOT	IUMBER
4014	

			TOPS INFO	ORMATION		ton.eo	
	OPERATING	OPERATING S	PEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN
CARKND	PANEL No.	75 mile/h UP TO -	40 tonne GLW	-1.43 + (0.553 x t)	LENGTH	(GLW)	SHEET
OTAC		60 mile/h ABOVE	40 forme of AA	- 1.43 + (0.353 X L)	8	9	W 1610

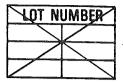


TARE-	15 200kg
CAPACITY, WEIGHT-	31000 kg
CAPACITY, VOLUME-	
MIN. CURVE-	50 m CLOSE 41 m SINGLE
GEN. ARRGT. DRG. NO	B1 - A0 - 8600702

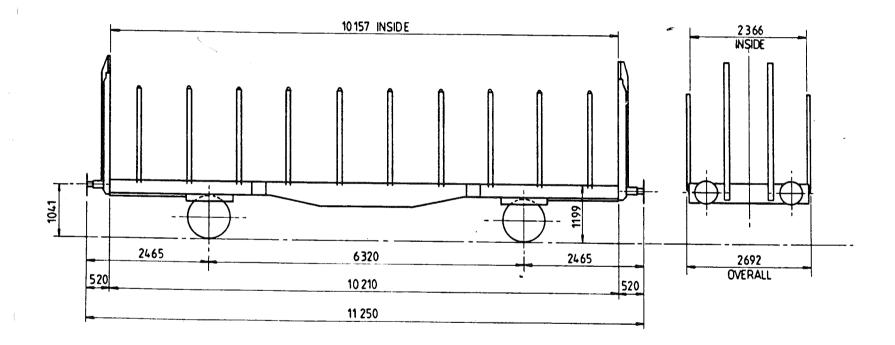
BRAKE-	AIR, DISC & HAND LEVER
SUSPENSION-	LONG LINK
COUPLINGS-	B.R. SCREW
BUFFERS-	HYDRAULIC 457 DIA. HEADS
WHEELS-	952 DIA
JOURNALS-	140 DIA ROLLER BEARINGS

ISSUE 1.

EX. BR. DIAGRAM ØCJO1A

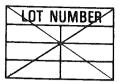


	TOPS INF	ORMATION			
AARKND OPERATIN		BRAKE FORCE DATA	EXCESS	RA	DESIGN
CARKND PANEL NO	75 mile/h UP TO 41 tonne GLW	VARIABLE LOAD -2:53 + (0:636 = 1)		(GLW)	SHEET W1969
			The state of the s		

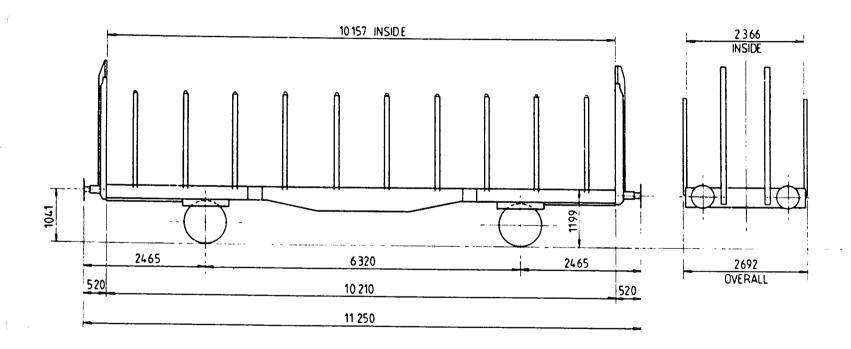


TARE-	16 250kg			******************
CAPACITY, WEIGHT-	24 750kg		W/partitioners	
CAPACITY, VOLUME-				
MIN. CURVE-	50m CLOSE	COUPLED	41m	SINGLE
GEN. ARRGT. DRG. NO	,			

BRAKE-	AIR DISC & HAND LEVER
SUSPENSION	- LONG LINK
COUPLINGS-	BR SCREW
BUFFERS-	HYDRAULIC 457 DIA, HEAD
WHEELS-	860 DIA.
JOURNALS-	140 DIA. ROLLER BEARINGS

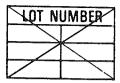


	TOPS INFORMATION							
THE REAL PROPERTY.	OPERATING	OPERATING S	PEED	BRAKE	FORCE DATA	EXCESS	RA	DESIGN
CARKND	PANEL No.	75 mile/h UP TO	41 tonne GLW	VARIABLE LOAD	-2.52 - 10.424 - 41	LENGTH	(GLW)	SHEET
OTAD		mile/h_ABOVE	41 (OHIG OLAS	VARIABLE EUAD	-2.33 4 (0.030 -1)	8	6	W 1970

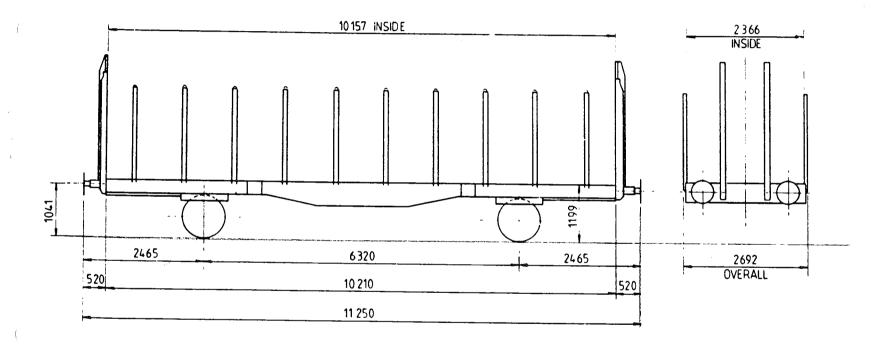


TARE-	16 250kg	
CAPACITY, WEIGHT-	24 750kg	
CAPACITY, VOLUME-		-
MIN. CURVE-	50m CLOSE COUPLED 41m SING	Е

BRAKE-	AIR DISC & HAND LEVER
SUSPENSION	
COUPLINGS-	BR SCREW
BUFFERS-	HYDRAULIC 457 DIA HEAD
WHEELS-	813 DIA.
JOURNALS-	140 DIA. ROLLER BEARINGS



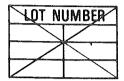
			TOPS INFO	DRMATION		Topic disposition	rent Teerlebumen erneummene	Description of the second
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I	OPERATING	OPERATING SPE	ED	BRAKE	FORCE DATA	EXCESS	RA	DESIGN
O T A D	PANEL No.	75 mile/h UP TO mile/h ABOVE	41 tonne GLW	VARIABLE LOAD	-2·53 + (0·636 × t)	LENGTH 8	(GLW)	SHEET W1971
		and the second s		WAY-11000				



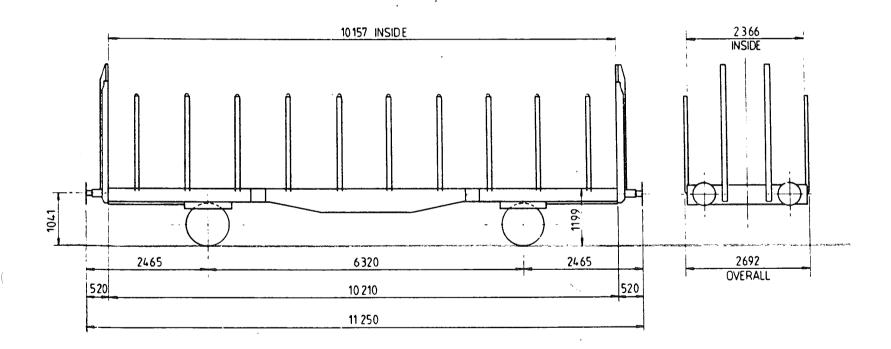
24 750kg
Om CLOSE COUPLED 41m SINGLE

BRAKE-	AIR DISC & HAND LEVER						
SUSPENSION-LONG LINK							
COUPLINGS-	BR SCREW						
BUFFERS-	HYDRAULIC 457 DIA HEAD						
WHEELS-	860 DIA.						
JOURNALS-	140 DIA. ROLLER BEARINGS						

### 41t G.L.W. OPEN TIMBER WAGON

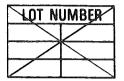


gening the shift in a commence of the state	TOPS INFORMATION						
AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN		
CARKND PANEL No.	75 mile/h UP TO /1 toppe GIW	VARIABLE LOAD -2:97 • (0:864=+)	LENGTH	(GLW)			
OTAD	mile/h ABOVE 41 tolline OLVV	VARIABLE LOAD 277 (0 004 1)		0	W1980		

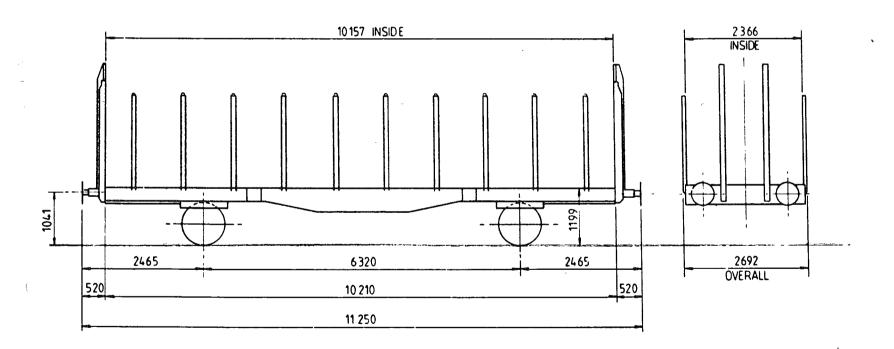


TARE-	15800kg
CAPACITY, WEIGHT-	25 200kg
CAPACITY, VOLUME-	
MIN. CURVE-	50m CLOSE COUPLED 41m SINGLE
GEN. ARRGT. DRG. NO	,*

BRAKE-	AIR DISC & HAND LEVER
SUSPENSION	- LONG LINK
COUPLINGS-	BR SCREW
BUFFERS-	HYDRAULIC 457 DIA HEAD
WHEELS-	860 DIA.
JOURNALS-	140 DIA. ROLLER BEARINGS



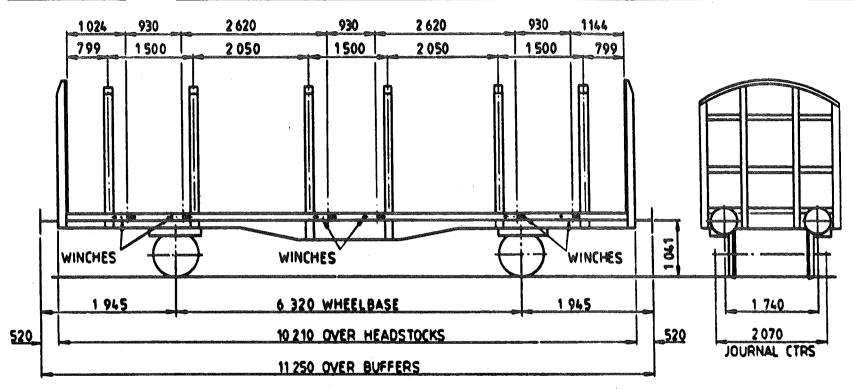
	TOPS INFORMATION							
AARKND	OPERATING	OPERATING SE	PEED	BRAKE	FORCE DATA	EXCESS	RA	DESIGN
CARKND	PANEL No.	75 mile/h UP TO	41 tonne GLW	VADIABLE LOAD:	-2·53+(0·636 × t)	LENGTH	(GLW)	SHEET
OTAD		mile/h_ABOVE	41 (OHING OFAA	VARIABLE LUAD.	2 33 (0 030 1)	8	6	W1986



BRAKE-	AIR DISC & HAND LEVER
SUSPENSION	- BR FRICTION LINK
COUPLINGS-	BR SCREW
BUFFERS-	HYDRAULIC 457 DIA. HEAD
WHEELS-	813 DIA.
JOURNALS-	140 DIA. ROLLER BEARINGS

LOT N	UMBER
3855	
	]

	TOPS INFORMATION						
AARKND (	OPERATING[	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN	
CARKNO	PANEL No.	75 mile/h UP TO 41 tonne GLV	VARIABLE LOAD BRAKE	LENGTH	(GLW)		
BATO		- mile/h-ABOVE - Coming OLV	-2:53 + (:636 = tonnes)	8	6	W2043	



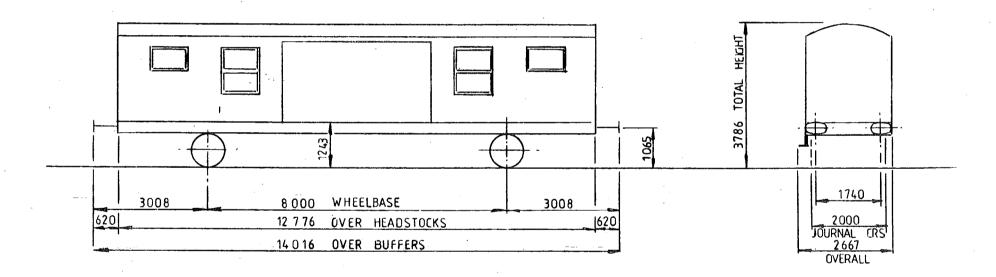
TA	RE	•					16	5	100	(g				
CA	PA	CIT	Ϋ,	W	EIGH	7.	24	5	00 K	g				
CA	PA	CIT	Υ,	VC	LUN	1E.								
MI	N.	CU	M	E.	50m	CL	OSE	C	WPI	LED,	61m	SINC	ile	
GE	N.	AR	RE	T.	DRG	. N	0						W/WIIIA(III.M	
														•

BRAKE-	AIR	DISC	8	HAN	0 1	EVI	R		
SUSPENSION-	LON	G LIN	K						
COUPLINGS-	8.R.	SCRE	W						
BUFFERS-	HYD	RAUL	IC	457	DIA	HD			
WHEELS-	860	DIA.						O'Charl Differ toward on	
JOURNALS-	140	DIA.	ROL	LER	96	ARI	NGS	)	

EX. BR. DIAGRAM

LOT NUMBER						
3472						

	TOPS INFORMATION								
AARKND	OPERATING	OPERATING SPE	EO	BRAKE F	ORCE DA	TA	EXCESS	RA	DESIGN
CARKND	PANEL No.	60 mile/h UP TO 15	toppe GIM	10 + (AIR & VAC)	BRAKED	TO TAPE	LENGTH	(GLW)	SHEET
RBXV	3 5 6	-mile/h-ABOVE	tonne GLW	10.1 (VIIV & VAC)	DIVAIVED	TO TAINE	12	1	



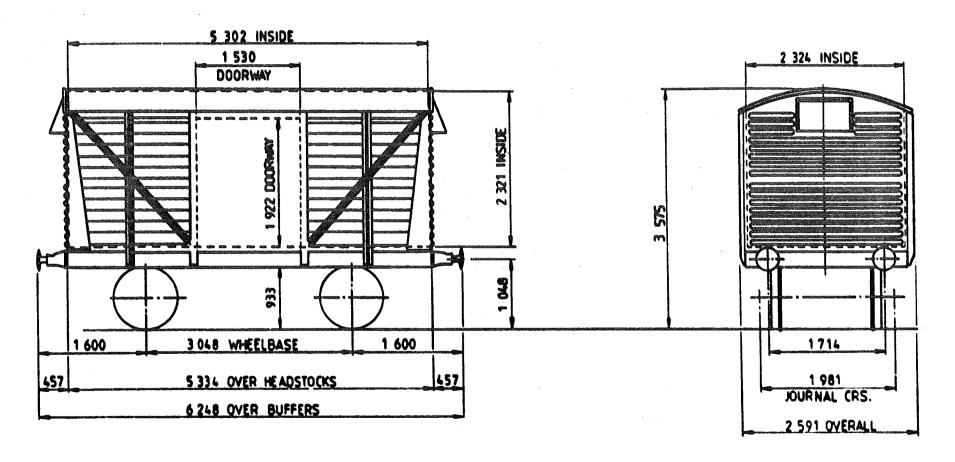
GEN. ARRGT. DRG. NO	DN 31002	
MIN. CURVE-	51 m	
CAPACITY, VOLUME-		
CAPACITY, WEIGHT-		
TARE-	14900 kg	

	BRAKE- AI									R -
.	SUSPENSI	ON-		2	AXI	.E,	4 h	HEELS	>	
	COUPLINGS	S-	J	NT	ERN	IAT IO	NAL	SCRE	W	
-	<b>BUFFERS-</b>							× 356	OVAL	HEADS
	WHEELS-	1		10	00	DIA				
	JOURNALS	}-	130	Ò	)  A	RO	LLER	BE/	ARINGS	

EX. BR. DIAGRAM 227

LOT N	JMBER
3086	

	and any and are properly the foreign place the constraints.	taria e minima		
TOPS INFORMATION				
(O) O HAI OHAMALI I DIA	-			
A A DVALO TORPO A DIAGO A DEPARTMENT AND A PROPERTY OF A DATA	PMARAA	A A	SPAIAN	
AARKND OPERATING OPERATING SPEED BRAKE FORCE DATA	EXCESS	RA	DESIGN	
CARKNO PANEL NO. 45 mile/h UP TO 40.4 some CIMI 24 ECOLE CONCTANT	LENGTH	( (SLVV)	SHEET	
CARANTU PAREL 180. 45 MIRAN UP IU 19.6 tonne GLW 31 FORCE CONSTANT	22.10	10001		
TO TO THE TOTAL OF THE PARTY OF	اما		اممممدا	
RIDIVIDI TOTALE CONSTRUCT	1 0	1 1	W2020	
		CONTRACTOR CONTRACTOR CONTRACTOR		

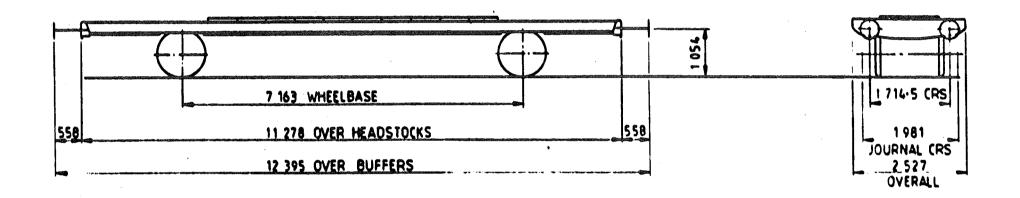


TARE-	7 600 kg
CAPACITY, WEIGHT-	12 000 kg
CAPACITY, VOLUME-	27·2 m <sup>3</sup>
MIN. CURVE-	20 m
GEN. ARRGT. DRG. NO.	. BODY SW/SW 1
	U/F SW/SW 250

BRAKE-	VAC. BLOCK
SUSPENSION	
COUPLINGS-	INSTANTER
BUFFERS-	SPINOLE 330 mm DIA. HEAD
WHEELS-	952 DIA.
JOURNALS-	9'x 62" PLAIN BEARING

LOT	NUMBER
4041	
The state of the s	

	TOPS INFORMATION					
AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN	
CARKND PANEL No.	70 mile/h UP TO 17.6 tonne GLW		LENGTH	(GLW)	SHEET	
REQHI	70 mile/h ABOVE 17.6 tonne GLW		10	1	W1214	

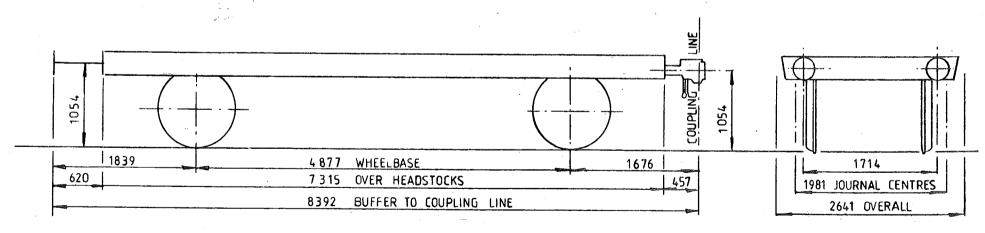


TARE	en e			17	600kg		
CAPA	CITY,	WEIGI	<del>1</del> 7.	N/A			ngover Hillsholtzer
CAPA	CITY,	VOLUI	AE.			and the second s	
MIN.	CURV	E.					
GEN.			3. NO.	· U/	F SC/ES	3646	
İ							

BRAKE-	UNFITTED (PIPED AIR ONLY)
SUSPENSION	·EYEBOLT
COUPLINGS.	LTE COUPLER/THREE LINK COUPLING
BUFFERS.	
WHEELS-	3'-6' DIA.
JOURNALS-	10'x 5" PLAIN BEARINGS

LOT NUMBER							
3 22 7							

			ORMATION		<del></del>	
	OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	-RA	DESIGN
CARKND	PANEL No.	75 mile/h UP TO 1.9 tonne GLW		LENGTH	(GLW)	SHEET
R F O G		-mile/h ABOVE		3	1	W 1419



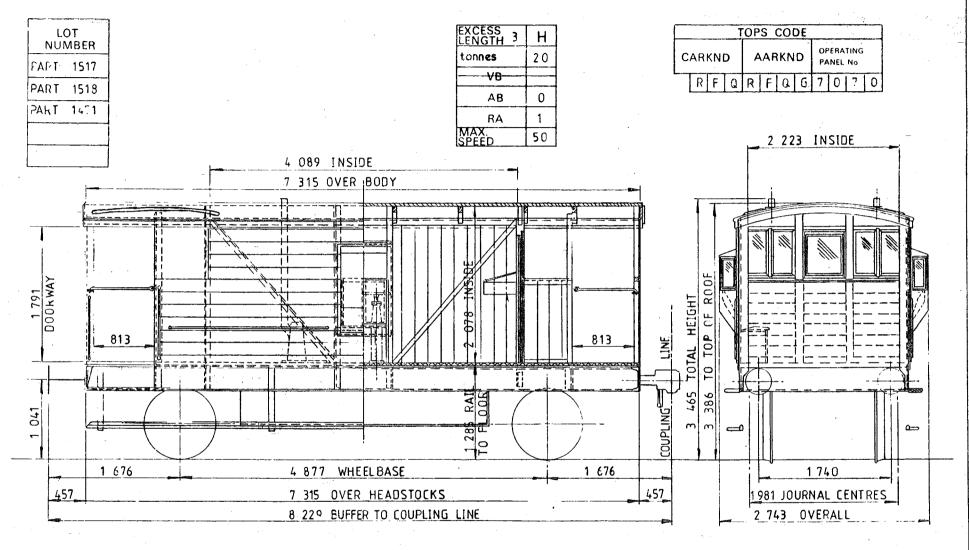
TARE-	19 000 kg
CAPACITY, WEIGHT-	
CAPACITY, VOLUME-	
MIN. CURVE-	31 m
GEN. ARRGT. DRG. NO	SW/ DN / 28235 F · S · 6211

BRAKE-										
SUSPENSIO	N-	EYEE	BOLT	WITH	AU:	X	RUE	BER	S	
COUPLINGS										ER
BUFFERS-	SEL	F CO	NTAIN	(ED	330	1	DIA	HEA	DS	
WHEELS-	_		DIA	age in the second second second	No 21110-17-Co-	***************************************		Commercial Strategies	ALIS AND ARREST	
JOURNALS-		111 (	DIA	ROLL	ER	ВЕ	ARII	VG S		

EX. BR. DIAGRAM 507

### IRONSTONE TIPPLER MATCH WAGON

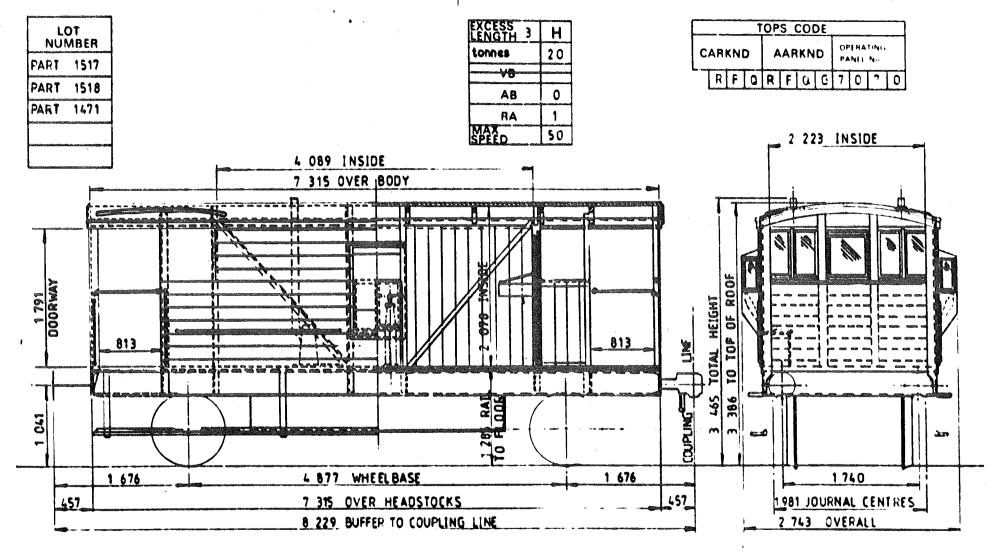
### RF 003A



TARE	20 300 kg			,	
CARRYING CAPAC	ITY- '				_
CAPACITY -					_
MAX. SPEED –	50 mile/h				•
WHEELS -	965 DIA		<del></del>		
JOURNALS -	254 x 127	PLAIN	BEARI	NGS	

BUFFERS -	SELF CONTAINED 330 DIA HEADS
COUPLINGS - INSTANT	ER ONE END-AUTOMATIC OTHER END
MIN. CURVE –	31 m
GEN. ARRGT. DRG. No.	- D12/717, D13/3789, F-S-6211
BRAKE - AIR PIPE	S HAND SCREW
SUSPENSION -	E YEBOLT

issue 1

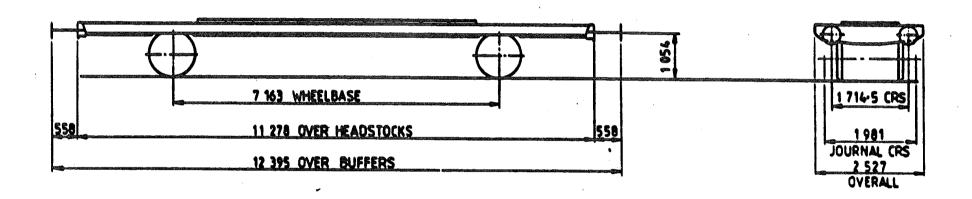


TARE	2030019	
CARRYING CAPAC	ITY -	
CAPACITY -		
MAX SPEED	50 mile/h	
WHEELS -	965 DIA	
JOURNALS -	254 x 127 PLAIN	BEARINGS

BUFFERS	SELF CONTAINED 330 DIA HEADS
COUPLINGS INSTANTER	ONE END-AUTOMATIC OTHER END
MIN, CURVE -	31 m
GEN. ARRGT, DRG, No,	D12/717, D13/3789, F-S-6211
BRAKE - AIR PIPE &	HAND SCREW
SUSPENSION -	EYEBOLT

I	IN MI	INADED
l	1010	AMARU
	4041	
	en e	

TOP	INFORMATION		
AARKND OPERATING OPERATING SPEED	BRAKE FORCE DATA	EXCESS RA	DESIGN
R F Q H     70 mile/h UP TO 17.6 tonne	LW	LENGTH (GLV	' 1 I
R F Q H       / With ABOVE		10   1	W1214



TARE-	indyaniety je menytania i mys zaklod	and a second		17 (	i00kg	y een ta kan ka ka aan aan ay ah	
CAPAC	ITY, W	EIGHT	•	N/A			
CAPAC	ITY, VO	JLUMI	ξ.	na enaturidados			Petrottse Apareu (noda)
MIN. C	URVE-		enieka projektopan				
GEN. A	RAGT.	DAG.	NO	U/F	SC/ES	3666	tellement permitter (p. 1875)
					·		

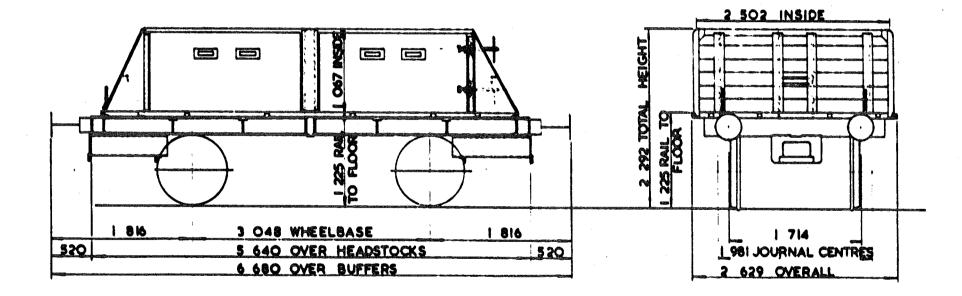
BRAKE-	UNFITTED (PIPED AIR ONLY)
SUSPENSION	-EYEBOLT
COUPLINGS-	LTE. COUPLER/THREE LINK COUPLING
<b>BUFFERS</b> -	
WHEELS-	3'-6' DIA.
JOURNALS-	10'x 5' Plain Bearings

EX. BR. D'AGRAM A816

NI	LOT JMBER
EX	3243
	i

EXCESS LENGTH	H	М	L	E
tonnes	7	7	7	7
¥8				annonia de la comp
AB	0	0	0	0
RA	0	1	0	0

TOPS CODE									
CARKND	AARKND	OPERATING							
RGQ	RGQF	7047							



TARE -8 050 %
CARRYING CAPACITY-
CAPACITY-
MAX SPEED -45 mile/h
WHEELS - 952 DIA.
Journals-III dia Roller Bearings

80	FF	E	R S	<b>S</b> –	H	YC	R	A	JL	IC	3	30	) <u>C</u>	AK	. }	偃	AD	5			to and a firm	
CO	Ų	٦	IN	G	5 -	-	NS	T	AN	TE	R	A	NC	)	0.4	A	C	OU	P	E	R	PODIENCE:
MII	4	C	U	RV	Ē -	2	1 6	<b>L</b>			200 ACC 200					(Approximately)	and the same of th				Printers of	
GE	N.	A	RI	RG	7	D	RG	1	ЯO		Dŧ		12	3	76		Management.			osiningood,		
8R	A	(E	_	Al	R	F	916	)£	O	8	H/	W	D	Ļ	٤٧	E	₹		***************************************			
SU	SF	3	N.	SIC	N	=	SF	(C	E	or organi	Printed Spring (1974)		400	***********	***************************************	A DOMESTIC	- Comment		MODE TO SE	Name of Street		GOZZOBIAN

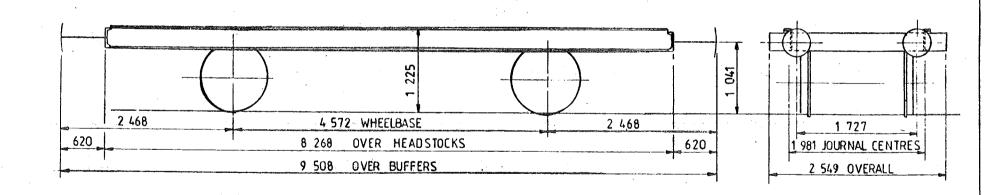
## RUNNER WAGON

RR 001C

LOT NUMBER
2734
2862

EXCESS 5	Н	М	L	Ε
tonnes	8	8	8	8
VB	6	6	6	6
AB				
RA	1	1	1	1
MAX. SPEED	50	50	50	50

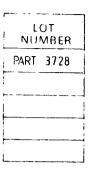
		<i>a</i> 13	ו	OP	S	coi	DE				
C	AR	KŅ	D	1	۱AF	KN	D	OPERATING PANEL No.			
	R	R	٧	R	R	٧	R	8	7	0	9



TARE -	<b>8</b> 250 kg
CARRYING CAPACI	TY-
CAPACITY -	
MAX SPEED -	50 mile /h
WHEELS -	940 DIA
JOURNALS-	124 DIA ROLLER BEARINGS

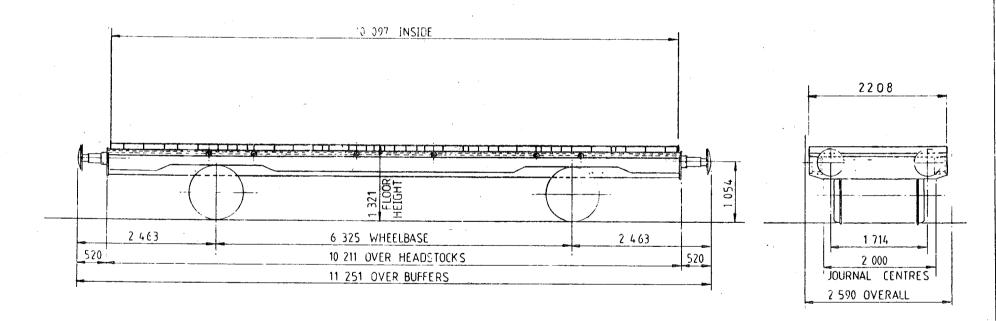
BUFFERS -	HYDRAULIC 406 DIA HEADS
COUPLINGS	INTERNATIONAL SCREW
MIN. CURVE -	31 m
GEN, ARRGT. DRG. I	Vo DE 11.387
BRAKE -	VACCUM BLOCK & HAND LEVER
SUSPENSION -	EYEBOLT

ISSUE 1.



EXCESS LENGTH 8	Н	М	L	E
tonnes	14	14	14	14
AB	12	12	12	12
RA	1 -	1	1	1
MAX SPEED	75	75	75	75

			Ţ	OPS (	CO	DE				
С	AR	KNI	D	AARKND		GPERATING PANEL No				
	R	R	Α	R R	Α	R	8	5	2	4



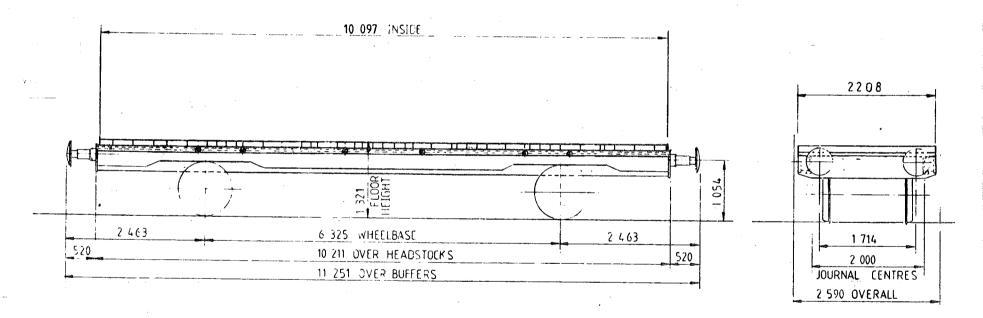
TARE 135	50 kg
CARRYING C	APACITY-
CAPACITY -	
MAX SPEED	75 mile/h
WHEELS	952 DIA.
JOURNALS -	140 DIA ROLLER BEARINGS

BUFFERS - H	YDRAULIC 457 DIA. HEADS	
COUPLINGS	- B.R. SCREW	
MIN CURVE	50m CLOSE COUPLED 41m SINGLE	_
	DRG. No F-S-2496	
BRAKĖ – AIR	DISC & HAND LEVER	
SUSPENSION	- LONG LINK	



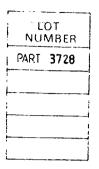
EXCESS LENGTH 8	Н	М	L	Ε
tonnes	14	14	14	14
VB	0	0	0	. 0
AB	:2	12	12	1,
RA	1	1	1	1
MAX SPEED	75	<u>-</u> 5	75	75

1	OPS CODE	
CARKND AARKND		OPERATING PANEL No
R R B	RBR	3 0 4 4



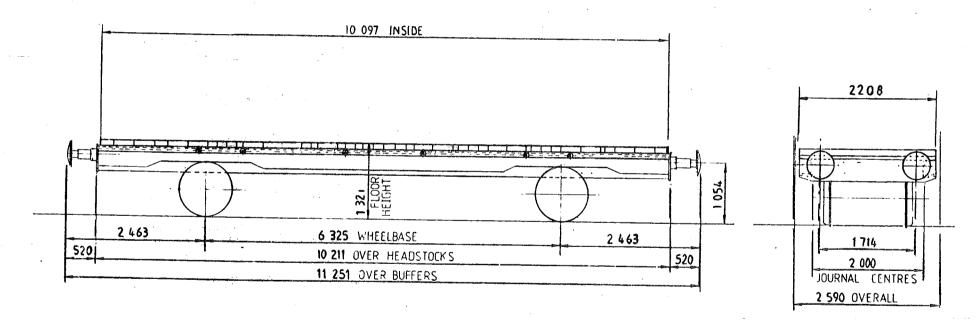
TARE 13 55	kg		-	
CARRYING CA	PACITY-			
CAPACITY -				
MAX SPEED	75 mile/h			
WHEELS KEY	952 DIA			
JOURNALS	1+0 DIA ROLLER	BEARINGS		<del></del>

BUFFERS HYDRAULIC 457 DIA. HEADS			
COUPLINGS - BR. SCREW			
MIN CURVE SOM CLOSE COUPLED			
GEN. ARRGT. DRG. No. F-S-2496			
BRAKE - AIR DIŞC & HAND LEVER			1 k. 6/21
SUSPENSION - LONG LINK	<u>.</u>	<del></del>	



EXCESS LENGTH <b>8</b>	Н	М	L	E
tonnes	14	14	14	14
	<b>.</b>			
AB	12	12	12	12
RA	1	1	ì	1
MAX SPEEL	75	75	75	75

7	OPS CODE	
CARKND	AARKND	oseswatik HANE N
RRA	RRAR	3 0 4 3

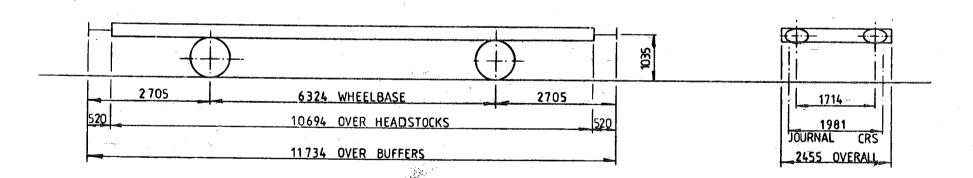


TARE 135	50 kg
CARRYING C	APACITY -
CAPACITY -	
MAX SPEED	75 mile/h
WHEELS	952 DIA.
JOURNALS -	140 DIA ROLLER BEARINGS

BUFFERS	HYDRAL	JLIC 45	7 DIA. HEA	DS			
COUPLING						***************************************	
MIN. CUR	VE - 50 m	CLOSE	COUPLED				_
GEN. ARR	GT. DRG.	No F -	A0 - 4988	, F.~ S	- 4 8	39.	
BRAKE -	AIR DISC	8 HAND	LEVER				
SUSPENS	ON - LON	G LINK	· ·				

LOT NUMBER					
3579	3586				
The state of the s					

	TOPS INFORMATION										
		PERATING	OPERATING	SPEED		BRAKE FO	RCE	DATA	EXCESS		DESIGN
CARK		ANEL No.	60 mile/h UP TO	12 tonne GLW	10	BRAKED	ΤO	TARE	LENGTH	(GLW)	
RR	В		mile/h-ABOVE	12 COUNTO CETT		DRAKEU	10	TARE	9	1	W 1239



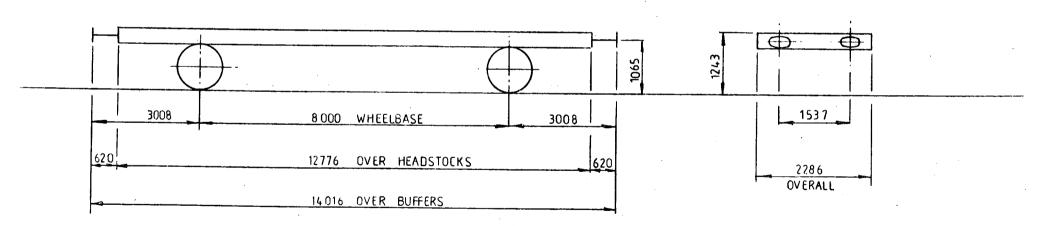
TARE- CAPACITY, WEIGHT-	12 000	kg	
CAPACITY, VOLUME-			<del></del>
MIN. CURVE-	41 m		
GEN. ARRGT. DRG. NO	DN 30671	DN 306 86	

BRAKE- AIR	BLOCK	VACUUM	PIPE	DUV	LEVER
SUSPENSION	- U.I.C.	DOUBLE	LINK	<del></del>	The second second
COUPLINGS-	INS	TANTER	illia di industria		and the second s
BUFFERS-	HYDRAL	JLIC 61	0 x 356	OVAL	HEADS
WHEELS-	952	DIA	ingenda propinsion geologica esta	The state of the s	mendreken mangarum
JOURNALS-	124 D	IA ROLL	ER B	EARING	S

EX. BR. DIAGRAM 235 (EX VQ001C)

LOT N	LOT NUMBER				
3472	·				

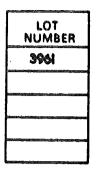
	TOPS INFORMATION							
	OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN		
	PANEL No.	60 mile/h UP TO 10.5 tonne GIW	10 + (AIR & VAC) BRAKED TO TARE	LENGTH	(GLW)	SHEET		
RRX		-mile/h ABOVE 10.5 tollie GLVV	TOT (AIN & VAC) BRAKED TO TAKE	12	1	W 1522		



TARE-	10 500 kg
CAPACITY, WEIGHT-	
CAPACITY, VOLUME-	
MIN. CURVE-	
GEN. ARRGT. DRG. NO	DN 31002

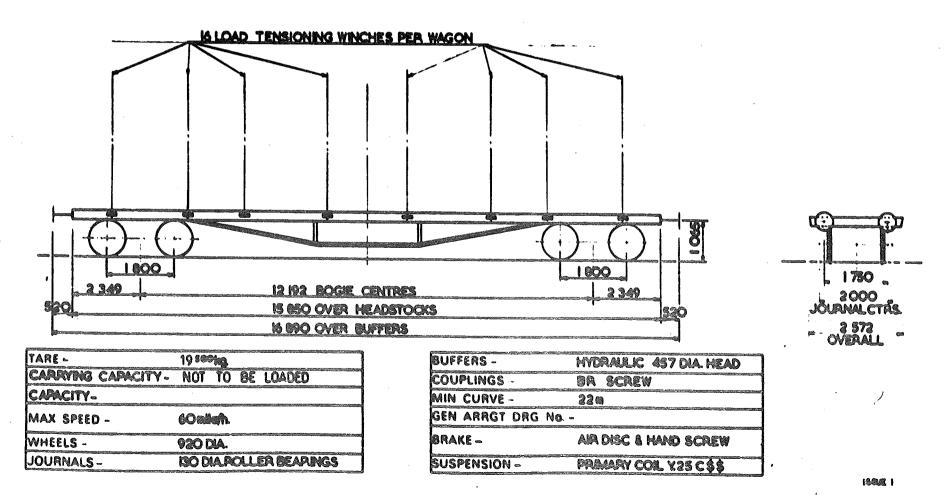
BRAKE- AIR	& VACUL	JM BLOCK	HAND	LEVER	}
SUSPENSION-	PARAE	OLIC SPRIN	G	***************************************	
COUPLINGS-	INT	ERNATIONAL	SCREW		
BUFFERS-	SELF	CONTAINED	610×356	OVAL	HUS
WHEELS-	174		·	-	
JOURNALS-		ROLLER	BEARING	S	

EX. BR. DIAGRAM VJ002A

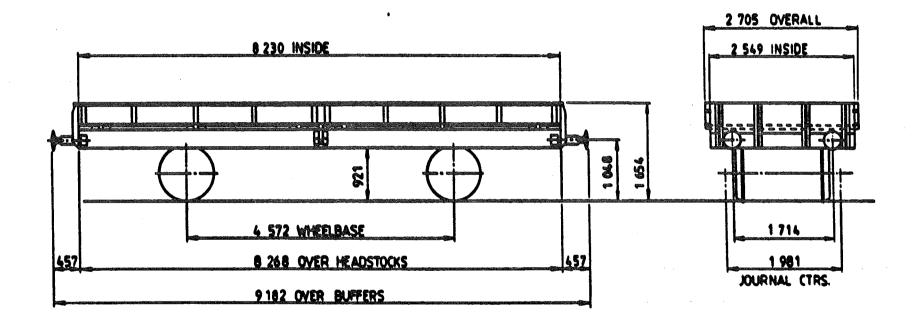


EXCESS 7	Н	М	L	E
TONS	63	49	33	22
AB	42	131	19	12
RA		ı	ı	ı
WAS D	60	60	60	60

	OPS CODE	
CARKND	AARKND	OPERATING PANEL No.
RRA	RRAR	0 5 9 3



LOT	NUMBER
2327	
2476	
2604	



TARE-	9 800 kg
CAPACITY, WI	EIGHT-
CAPACITY, VO	LUME.
MIN. CURVE-	30 m
GEN. ARRST.	DRS. NO

BRAKE-	HANO LEVER
SUSPENSION	- SHOE
COUPLINGS-	3 UNK
BUFFERS-	SPINOLE 356 Ø HEAD
WHEELS-	952 DIA.
JOURNALS-	10"x 5" Plain Bearing

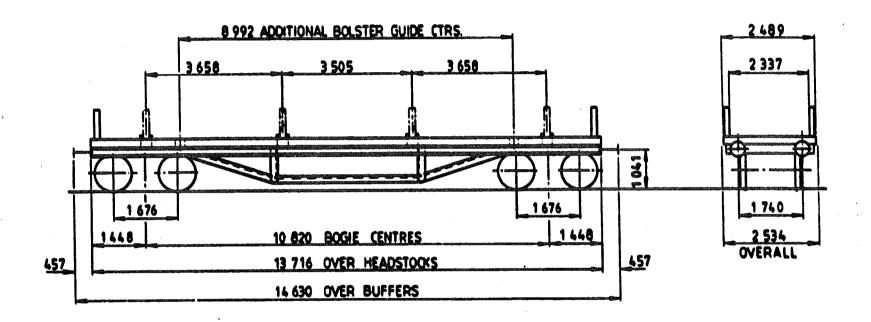
EX. BR. DIAGRAM 8431

RE	Δ		4	W	Δ	G	ON
TVI.	m	_		91	25'48	v	w

1	R	S	O	0	4	Δ
	•	-	•	~	444	_

4999	JMBER
18/3	

TOPS INFORMATION					
AARKND OPERATING	OPERATING SPEED	Brake force data	EXCESS	RA	DESIGN
CARKNO PANEL No.	50 mile/h UP TO 15.5 toons sales	VAC. 12+ CONSTANT	LENGTH	(erm)	
RISIWIA	WIND TOOME 13.3 FORME OF AA	VAC. 121 CONSTANT	3	1	W2025



TARE-		15 500 kg	
CAPACITY,	WEIGHT-	N/A	
CAPACITY,	VOLUME-		
MIN. CURV	<b>E</b> -		
GEN. ARRG	T. DRG. NO.	•	
1.			

BRAKE- VACUU	4 BLOCK & THROUGH AIR PIPE
SUSPENSION-	5'- 6" WAGON BOGIE
COUPLINGS-	3 LINK
BUFFERS-SELF	CONTAINED 406mm DIA. HO.
WHEELS-	952 DIA.
JOURNALS-	8'x 42 PLAIN BEARINGS

EX. BR. DIAGRAM WJ21