

# VEHICLE DIAGRAM BOOK NO:320 FOR

## **B.R. REVENUE FREIGHT VEHICLES**

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## ( PART 2 )

WILL NOT BE KEPT UP TO DATE

#### 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.

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## $\widehat{}$ ğ T 盟 **ر** freight vehicles (Part 2) Revenue B.R.

## ω Revision

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

	MD015R	MD015S	MD015T	MD015U	MD015V	MD015W	MD015X	MD015Y	MS002E	MS002N	MS002Q	MX001C	MX001E	MX002A	<b>MX002B</b>	MX003A			above, endorse the revision record at the front of the
	MC001D	MC001G	MC003B	MC007D	MC018A	MC018B	MD007A	MD007B	MD007C	MD007E	MD007F	MD015E	MD015F	MD015J	MD015L	MD015M	MD015N	MD015P	record at t]
	HT017A	HT018A	HT018B	HT019A	HT020A	HT020B	HT031A	HT031B	HT031D	HTO31F	HT031G	HTCOTH	HT031L	HU001A	HUOOTB	HU001C	MC001B	MCOOIC	the revision
	FV003Y	FV010D	FV010E	FWOOLA	HA001A	HA002A	HA002C	HA002D	HA002E	HB001A	HE001B	HJ002C	HK001A	HK003A	HT004C	HT015A	HT016A	HT016B	bove, endorse
	FN004C	F0001A	FQ008A	FQ008B	FQ008C	FV003A	FV003C	FV003D	FV003E	FV003G	FV003J	FV003L	FV003N	<b>FV003Q</b>	FV003R	FV003S	FV003T	FV003U	After incorporating the a
book.	FE001A	FEOOLE	FEOOLF	FE001G	FE001H	FE002C	FF001C	FF001G	FF004A	FG004J	FG004T	FH001A	FN002A	FN002B	FN003A	FN003B	FN004A	FN004B	After incor

of the shall Ч it front actioned, the at diagram book accordingly. When the revision record a diagram book accordingly. When the revision letter has been be stored at the front of the publication.

5.1.90 . TBF 172-125-2(BC) 3507 •• •• •• Date Ref. Tel.

DM & EE RTC. DERBY. Issued by:

VEHICLE DIAGRAM BOOK No. 320

# B.R. Revenue freight vehicles (FB - MX ) (Part 2)

# Revision 7

REASON FOR CHANGE	first issue	additional diagram							
ACTION	insert								
DESIGN CODE	FG004T	FN003F	FP006A	FP006B	HS001A	HS001C	HS001D	index	

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.

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

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ADDITION TO B.R. REVENUE INDEX

1 s

# (FB - MX)

LOT NUMBER	ar - Lagab	ask wagon	at wagon 3764	at wagon 3832			
DESCRIPTION	Freightliner (Kalmar - Lagab maxi containers)	Irradiated fuel flask wagon	43.8t Container flat wagon	43.8t Container flat wagon	46t Hopper wagon	46t Hopper wagon	46t Hopper wagon
DIAGRAM NO.	FG004T	FN003F	FP006A	FP006B	HS001A	HS001C	HS001D

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		CHANGE			,°	•	·	· ·										diagrams	of the : shall	
		REASON FOR CH	Amendment	First issue -	Amendment	Amendment	Amendment	Amendment	First issue	Additional dia	ht o it o	Issued by: DM & EE RTC. DERBY.								
(Part 2)	Revision 6	ACTION	Remove issue 4 & insert issue 5	Remove issue 1 & insert issue 2	Remove issue 2 & insert issue 3	Remove issue 1 & insert issue 2	Insert	Remove issue 1 & insert issue 2	Insert	Insert	rating the above, endorse the revision record at the fro accordingly. When the revision letter has been actioned, the front of the publication.	2 (BC)								
		DESIGN CODE	HA002A	HD001A	HD001B	FB003A	FN002A	FN002B	FN003A	FN003B	FN003C	FN003E	FN004A	FN004B	FP005A	FW001B	MA001A	Inder	After incorporating di <b>agram</b> book accordi be stored at the fro	Date : 13.6.89. Ref. : TBF 172-125-2(BC) Tel. : 3507

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B.R. Revenue freight vehicles (FB - MX (Part 2)

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Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

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ADDITION TO B.R. REVENUE INDEX

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	3574 3647 3699 3788 3788	,													
LOT NUMBER	3558 3646 3688 3751 3844							3928	4057	3928				3240	3751
LOT 1	3528 3575 3670 3720 3815	4008	4008	3728	3697	3697	4004	3886	4049	3886	3300	3300	4050	3229	3646
DESCRIPTION	47t Hopper coal wagon	47t Hopper coal wagon	47t Hopper coal wagon	40t "Mini" Conflat	80t Atomic flask wagon	86t Atomic flask wagon	79t Atomic flask wagon	79t Atomic flask wagon	81t Atomic flask wagon	81t Atomic flask wagon	92t Atomic flask wagon	96t Atomic flask wagon	43t Container wagon (coal)	57.4t Boflat wagon	46.8t Box body wagon
DIAGRAM NO	HA002A	HD001A	HD001B	FB003A	FN002A	FN002B	FN003A	FN003B	FN003C	FN003E	FN004A	FN004B	FP005A	FW001B	MADOLA

24S2E/3378n/6

	B.R. Revenue freight vehicles ( FB - MX (Part 2)	(FB – MX )
	Revision 5	
DESIGN CODE	ACTION	REASON FOR CHANGE
FB002A	insert	first issue
FB003A	insert	first issue
FE001L	insert	first issue
FJ001C	Remove issue 1 & insert issue 2	amendment
HE001B	Remove issue 2 & insert issue 3	amendment
HE002A	Remove issue 1 & insert issue 2	amendment
HE002B	Remove issue 1 & insert issue 2	amendment
index	insert	additional diagram
After incorporating the above diagram book accordingly.When be stored at the front of the	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.	endorse the revision record at the front of the the revision letter has been actioned, it shall publication.

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ADDITION TO B.R. REVENUE INDEX

(EB - MX)

DIAGRAM NO.	DESCRIPTION	LOT. NUMBER
FB002A	Mini conflat	Pt 3728
FB003A	Mini conflat	Pt 3728
FE001L	Conflat E wagon	3240
FJ001C	82t Freightliner wagon	3980,3924
HE001B	46t Hopper mineral wagon	Pt 3885
HE002A	46t Hopper mineral wagon	Pt 3885
HE002B	46t Hopper mineral wagon	Pt 3885

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	B.R. Revenue freight vehicles (FB (Part 2)	B – MX )
	Revision 4	
DESIGN CODE	ACTION	REASON FOR CHANGE
HA001A	Remove issue 3 & insert issue 4	amendment
HA002A	Remove issue 3 & insert issue 4	amendment
HA002C	Remove issue 2 & insert issue 3	amendment
HA002D	Remove issue 2 & insert issue 3	amendment
HA002E	Remove issue 2 & insert issue 3	amendment
HA002F	Remove issue 1 & insert issue 2	amendment
HA002H	Remove issue 2 & insert issue 3	amendment
HA002K	Remove issue 1 & insert issue 2	amendment
HD001B	Remove issue 1 & insert issue 2	amendment
HK003A	Remove issue 2 & insert issue 3	amendment
MS002D	Remove issue 1 & insert issue 2	amendment
MS002E	Remove issue 1 & insert issue 2	amendment
MS002F	Remove issue l & insert issue 2	amendment
MS002J	Remove issue 1 & insert issue 2	amendment
index	insert	additional diagram
After incorporat	After incorporating the above endorse the revision record at	scord 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.

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ADDITION TO B.R. REVENUE INDEX

(FB - MX)

LOT. NUMBER	3945,Pt 3574,Pt 3575,Pt 3647, Pt 3670	3558,3688,3751,3788,3699,3720, 3815,3844,Pt 3887,Pt 3528, Pt 3574,Pt 3575,Pt 3646,Pt 3647, Pt 3670	3978,3984,3997,Pt 3887	Pt 3887	Pt 3528,Pt 3670,Pt 3558,Pt 3688, Pt 3574,Pt 3699,Pt3646,Pt 3720, Pt 3647,Pt 3751	3558,3688,3699,3720,3751,3788, 3815,3844,3495,3864,3869,3882, 3978,3984,Pt 3887,Pt 3528, Pt 3574,Pt 3575,Pt 3646,Pt 3647, Pt3670	3978,3984,3997,3720,Pt 3887	Pt 3528,Pt 3558,Pt 3574,Pt 3646 Pt 3647,Pt 3864,Pt 3670,Pt 3688, Pt 3699, Pt 3720,Pt 3751	3363
DESCRIPTION	47t GLW Hopper coal wagon	47t GLW Hopper coal wagon	47t GLW Hopper coal wagon	47t GLW Hopper coal wagon	47t GLW Hopper coal wagon	47t GLW Hopper coal wagon	47t GLW Hopper coal wagon	47t GLW Hopper coal wagon	Ironstone tippler wagon
DIAGRAM NO.	HA001A	HA002A	HA002C	HA002D	H <b>A</b> 002E	HA002F	HA002H	HA002K	MS002D

24S2B/0303q/63

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FF001B	FREIGHTLINER INNER VEH.	3621, <b>3626,</b> 3638, 3652, 3653.	
FF001C	FREIGHTLINER INNER VEH.	3676, 3689, 3691, 3712.	
FF001D	FREIGHTLINER INNER VEH.	3742, 3766, 3768, 3806, 3848.	
FF001E	FREIGHTLINER INNER VEH.	3652	
FF001F	FREIGHTLINER INNER VEH.	3676, 3698.	
FF001G	FREIGHTLINER INNER VEH.	3652	
FF001H	FREIGHTLINER INNER VEH.	3560, 3618.	
FG004A	FREIGHTLINER OUTER VEH.	3498	
FG004B	FREIGHTLINER OUTER VEH	3654, 3655.	
FG004C	FREIGHTLINER OUTER VEH.	3696	
FG004D	FREIGHTLINER OUTER VEH.	3675, 3690.	
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FG004G	FREIGHTLINER OUTER VEH.	3619, 3559.	
FG004H	FREIGHTLINER OUTER VEH.	3692, 3711, 3675, 3690.	
FG004J	FREIGHTLINER OUTER VEH.	3718	

Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

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FG004M	FREIGHTLINER OUTER VEH.	3619		
FG004N	FREIGHTLINER OUTER VEH.	3654		
FG004P	FREIGHTLINER OUTER VEH.	3654	·	
FG004Q	FREIGHTL-INER OUTER VEH.	3654, 3675.		
FG004R	FREIGHTLINER OUTER VEH.	3622, 3627,3639, 3654	•	
FH001A	LOWLINER OUTER VEH.	3729		
FH002A	LOWLINER OUTER VEH.	3730		
FJ001B	67t GLW CONTAINER '60' WGN	3585	· · · · · · · · · · · · · · · · · · ·	
FJ001C	67t GLW CONTAINER '60' WGN	3980, 3924.		
FM001A	64t GLW FREIGHT FLAT WGN	3499		-
FM002A	65t GLW FREIGHT FLAT WGN	3498, 3499.		
FN002A	80t GLW BOGIE FLASK WGN	3697		
FN002B	86t GLW BOGIE FLASK WGN	-		
FN003A	79t GLW BOGIE FLASK WGN	3886. 3928.		
FN003B	81t GLW BOGIE FLASK WGN	3886		
FN003C	81t GLW BOGIE FLASK WGN	4049		
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FN004B	96t GLW BOGIE FLASK WGN	3300	
FB004C	93t GLW BOGIE FLASK WGN	3300	
F0001A	100t GLW BOGIE FLASK WGN	3300	
FP005A	46t GLW CONTAINER WGN (COAL)	4050	
FQ008A	24t GLW CARTIC	30770, 3518.	
FQ008B	20t GLW CARTIC	30770, 3518.	
FQ008C	19t GLW CARTIC	30770, 3518.	
FR005A	TRANSFORMER WGN	2419	
FV003A	31t GLW CARFLAT WGN	3536	
FV003C	33t GLW CARFLAT WGN	3533, 3679, 3831.	
FV003D	31t GLW CARFLAT WGN	3536, 3757.	
FV003E	31t GLW CARFLAT WGN	3536	
FV003G	33t GLW CARFLAT WGN	3831	
FV003J	33t GLW CARFLAT WGN	3679	
FV003L	33t GLW CARFLAT WGN	3831	
FV003N	31t GLW CARFLAT WGN	3536	

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	Diagram			D	escription			Lot Numbers	
	FV003Q	31t	GLW CAR	RFLAT WG	N	3536			
	FV003R	33t	GLW CAP	RFLAT WG	N	3679			
	FV003S	31t	GLW CAR	RFLAT WG	N	<b>35</b> 36			
	FV003T	33t	GLW CAR	RFLAT WG	N	3758			
	FV003U	32t	GLW CAR	RFLAT WG	Ν	3715, 37	58.		
	FV003V	33.5t	GLW CAR	RFLAT WG	N	3715, 37	58.		
	FV003X	33t	GLW CAR	RFLAT WGI	N	3679			
	FV003Y	33t	GLW CAR	RFLAT WG	N	3679			
	FV003Z	33.5t	GLW CAR	RFLAT WGI	N	3831			
	FV0010B	33t	GLW CAR	RFLAT WG	Ν	3588, 35	89.	and the second sec	
	FV0010D	33t	GLW CAR	RFLAT WG	Ν	3533			
	FV0010E	33t	GLW CAR	RFLAT WG	N	-			
	FV0011B	34t	GLW CAR	RFLAT WG	Ν	3533, 35	34, 3535, 3563		
	FW001A	58t	GLW BOF	FLAT WGN		3229			
	FW001B	58t	GLW BOF	FLAT WGN		-			
	FW002A	58t	GLW BOF	FLAT WGN		-			
	FY001A	FREIGH	ITLINER	OUTER VE	EHICLE	3692, 37	11, 3675, 3690		
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HD001B	47t GLW COAL HOPPER M.G.R.	4008
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	Diagram			Desc	cription					Le	ot Numl	pers					
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	MC003B	23.5t	GL₩	MINERAL FLAT	WGN	30	)42,	3076,	3145,	3146.							

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MC018A	24.5t	GLW MINERAL	FLAT WGN	. 3863	
MC018B	24.5t	GLW MINERAL	FLAT WGN	3863	
MD007A	31.5t	GLW MINERAL	FLAT WGN	2552, 2713, 2726, 2727, 2728, 2731, 2932, 2933, 293 2954, 3013, 3045.	34, 2935,
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MD015G 3	30t	GLW MINERAL	FLAT WGN	3390, 3430.	
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Diagram		Description	Lot Numbers	
MD015L	30t	GLW MINERAL FLAT WGN	2460, 2600, 2602.	
MD015M	30t	GLW MINERAL FLAT WGN	2600, 3244, 3302, 3388, 3427.	
MD015N	30t	GLW MINERAL FLAT WGN	2191, 2192, 2193.	
MD015P	30t	GLW MINERAL FLAT WGN	2190	
MD015R	28t	GLW MINERAL FLAT WGN	3920	
MD0155	28t	GLW MINERAL FLAT WGN	3920	
MD015T	28t	GLW MINERAL FLAT WGN	3920	
MD015U	28t	GLW MINERAL FLAT WGN	3920	
MD015V	28t	GLW MINERAL FLAT WGN	3920	
MD015W	28t	GLW MINERAL FLAT WGN	3920	
MD015X	30t	GLW MINERAL FLAT WGN	3920	
MD015Y	30t	GLW MINERAL FLAT WGN	3920	
MS002B	35t	GLW STONE TIPPLER WGN	3363	
MS002E	37.5t	GLW STONE TIPPLER WGN		
M\$002F	35.5t	GLW STONE TIPPLER WGN	3091	
MS002J	35.5t	GLW STONE TIPPLER WGN	3091	
MS002N	35t	GLW STONE TIPPLER WGN	3363	
MS002Q -	35.5t	GLW STONE TIPPLER WGN	3091	

tan pi ka		INDEX SHEET No. 17	Issue 4
Diagram	Description	Lot Numbers	
MT001A	35.5t GLW STONE TIPPLER WGN	3859	
MX001A	235 GLW MINERAL FLAT	2633, 2635, 2636, 2685, 2686, 2687, 2703, 2913, 29 2919, 2920, 2921, 2922, 2923, 3146.	917, 2918,
MX001C	14t GLW MINERAL FLAT	2685, 2912, 2915, 2923, 3062, 3143, 3144.	
MX001E	25.5t GLW MINERAL FLAT	2922	
MX002A	24.5t GLW MINERAL FLAT	3863	
MX002B	24.5t GLW MINERAL FLAT	3863	
MX003A	23.5t GLW MINERAL FLAT	3042, 3076, 3145, 3146.	

1911

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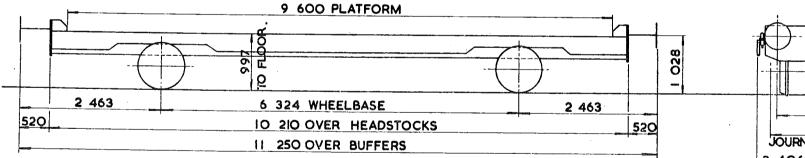
CONFLAT WAGON

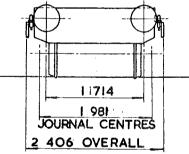
#### FBOOIA

LOT NUMBER	
3620	
3566	

FYCESS -	<u> </u>	r	·	r
EXCESS LENGTH 8	Η	M	L	E
tonnes	35	29	13	10
VB	0	0	0	0
AB	24	19	14	7
RA	5	2	1	1.
MAX. SPEED	75	75	75	75

	TOPS CODE							
	CARKND	AARKND	OPERATING PANEL No.					
÷	FBB	FBBC	294					





TARE - 10<sup>250 kg</sup> CARRYING CAPACITY - 25<sup>500 kg</sup> CAPACITY -MAX. SPEED - 75 mile/h WHEELS - 812 DIA. JOURNALS - 124 DIA. ROLLER BEARINGS

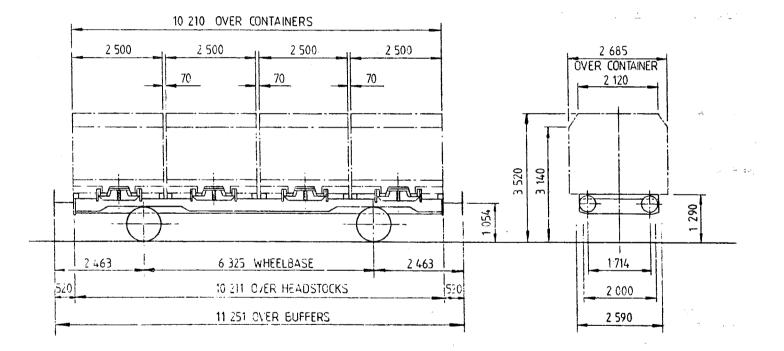
BUFFER	S-HYDRAULICE 457 DIA. HEADS
COUPLI	NGS - B.R. SCREW
MIN. CU	RVE – 41 m.
GEN. AR	RGT. DRG. No DE 12603
BRAKE -	AIR DISC, VACUUM PIPED & HAND LEVER
SUSPEN	SION - DOUBLE LINK

ISSUE I EX B.R. DIAGRAM I/ 79

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#### 'MINI' CONFLAT

LOT NUMBER	en e	TOPS INFORMATION							
Pt 3728	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS RA DESIGN					
	CARKND PANEL No.	60 mile/h UP TO 40 tonne GLW	VARIABLE LOAD	LENGTH (GLW) SHEET					
	FBAC	mile/h ABOVE	5.22 + (0.484 x tonnes)	8 6 W 1666 W 1667					



TARE-	14 400 kg
CAPACITY, WEIGHT-	25 600 kg
CAPACITY, VOLUME-	
MIN. CURVE-	50m CLOSE COUPLED, 41m SCHOLY
GEN. ARRGT. DRG. NO	- F-5 - 2496

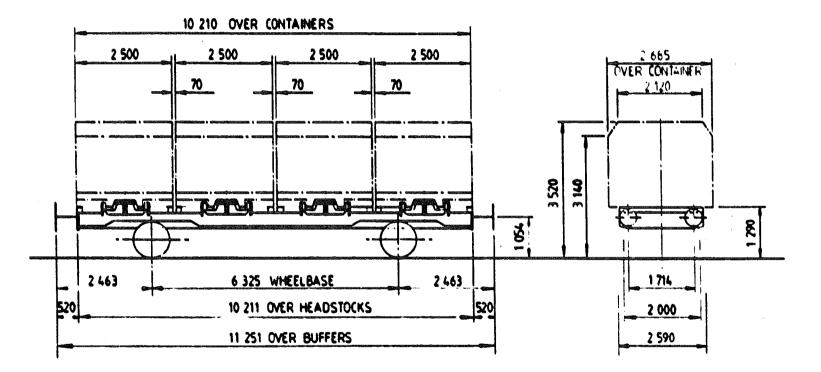
BRAKE-	AIR, DISC & HAND LEVER	
SUSPENSION-	LONG LINK	1
<b>COUPLINGS-</b>	B.R. SCREW	
BUFFERS-	HYDRAULIC 457 DIA. HEADS	
WHEELS-	952 DIA	-
JOURNALS-	140 DIA, ROLLER BEARINGS	ISSUE 1

٦

FBOO2A

'MINI' CONFLAT

LOT NUMBER	TOPS INFORMATION								
Pt 3728	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS RA	DESIGN				
	CARKND PANEL No.	60 mile/h UP TO 40 tonne GLW	VARIABLE	LENGTH  (GLW)	SHEET				
	F B A C	mile/h ABOVE <sup>40</sup> tonne GLW	5.22 + (0.484 x tonnes)	8 6	W 1668				



TARE- 14 400 kg	BRAKE- AIR, DISC & HAND LEVER
CAPACITY, WEIGHT- 25 600 kg	SUSPENSION - LONG LINK
CAPACITY, VOLUME.	COUPLINGS- B.R. SCREW
MIN. CURVE- SOM CLOSE COUPLED, 41m SINGLY	BUFFERS- HYDRAULIC 457 DIA. HEADS
GEN. ARRGT. DRG. NO F - S - 24%	WHEELS- 952 DIA
· · · · · · · · · · · · · · · · · · ·	JOURNALS- 140 DIA ROLLER BEARINGS

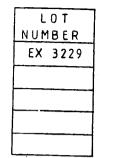
ISSUE 2

FBOO3A

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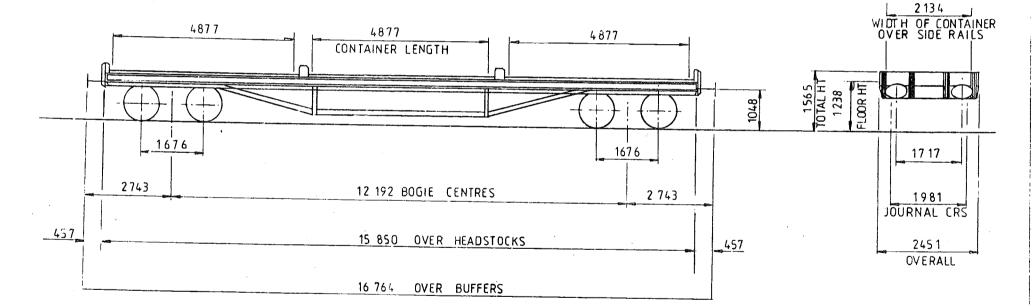
#### CONFLAT 'E' WAGON

#### FE001J



EXCESS LENGTH	Н	M	L	E
tonnes	30	34	24	18
VB	12	12	12	12
AB	0	0	0	0
RA	2	1	1	1
MAX SPEED	60	60	60	60

TOPS CODE												
	CARKND			C	AARKND			CRERAL N PANE N				
		F	Ε	W	F	E	W	Ε	6	0	6	3



TARE	19 400 Kg
CARRYING CAPA	CITY- 42500 Kg
CAPACITY -	
MAX SPEED	60 mile/h
WHEELS	Ø 952
JOURNALS	Ø 124 ROLLER BEARINGS

BUFFERS	HYDRAULIC	610 x 356	OVAL HEAD	S
COUPLINGS	B.R SCR	EW		
MIN CURVE		22 m		
GEN ARRGT I	DRG No SW	/DE/ 35595		
BRAKE VACUU	M BLOCK, AIR	PIPE, HAN	D LEVER	
SUSPENSION	SECONDAR	Y COIL	an a	-

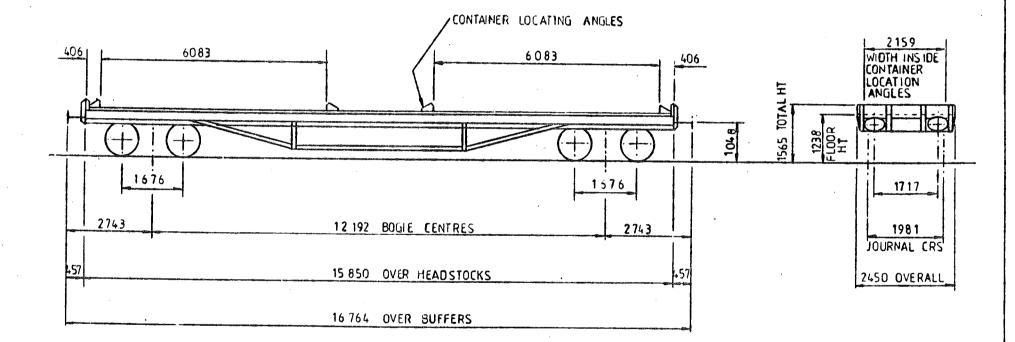
ISSUE 1 EX BR DIAGRAM 1/176 (ALLOCATED)

Original © BRB Residuary Ltd

631 GLW CONFLAT WAGON

#### FEO01K

LOT NUMBER		TOPS INFORMATION								
3229	AARKND OPERATING		BRAKE FORCE DATA	EXCESS						
	CARKND   PANEL N2     F   E   W   C   6   1   1	60 mile/h UP TO 1 <u>mile/h ABOVE</u> 63 tonne GLW	12+ BRAKED TO TARE	LENGTH 7						



TARE - 17 000 Kg (est)	ᡣᡁᡎᡚᢣᡱᠴᡊᠣ᠆ᠴᠴᡄᢙᢧᡸ᠖ᡄᡠ᠙ᡁᠿᡠ᠆ <u>ᢍ᠆᠆᠆᠆᠆᠆</u> ᠆᠆᠆᠆᠆᠆ ᡣ
CAPACITY, WEIGHT - 46 000 Kg	(est)
CAPACITY, VOLUME -	
MIN. CURVE - 22m	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩
GEN. ARRGT. DRG. Nº	terme on and provide strangers in the second gather and the construction of the second strangers and the second
SW/DE/3	5595

BRAKE -	VACE	JUM BL	ОСК	AIR PIP	E HA	ND L	EVER
SUSPENS	ION-	PRIM	ARY	COIL			
COUPLIN	55-	BRS	CREW	<b>100</b>		- Contract and special	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
BUFFERS	- H	YDRAU	LIC	610 x 356	OVAL	HEAL	DS
WHEELS .	- 952	DIA	an a		an a	99629-818-27EV	
JOURNAL	5 - 12	4 DIA	ROLL	ER BEAF	RINGS	1.0.00	an a suite ann an

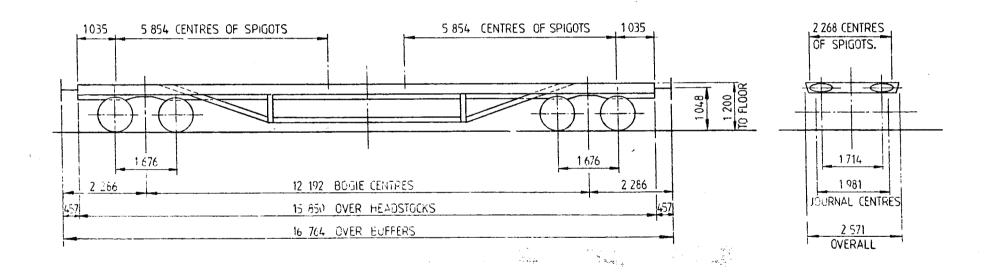
ISSUE 1

EX. BR. DIAGRAM 1/172

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#### CONFLAT 'E' WAGON

LOT NUMBER		TOPS INFORMATION								
3240	AARKND OPERATING OPERAT	ING SPEED BR	AKE FORCE DATA	EXCESS		DESIGN				
	LAKKIND PAINEL NO. 60 MILE/N UP	0 58.5 tonne GLW VACUUM	12 t CONSTANT	LENGTH	(GLW)	SHEET				
	FEWC mile/h ABC	VE SUS LONNE OLIV		7	1	W 1703				



TARE-	16 000 kg
CAPACITY, WEIGHT-	42 500 kg
CAPACITY, VOLUN.E-	
MIN. CURVE-	22 m
GEN. ARRGT. DRG. NO	) DE 12591
	500IE SW. SW. 939

BRAKE-	VACUUM, BLOCK & HAND LEVER
SUSPENSION	- BOGIE A3 RIDE CONTROL
<b>COUPLINGS-</b>	INSTANTER
BUFFERS-	SELF CONTAINED 559 x 356 OVAL HEADS
WHEELS-	952 DIA
JOURNALS-	124 DIA, ROLLER BEARINGS

ISSUE 1

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FEOO1L

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#### CONFLAT WAGON COBRA POTASH CONTAINERS

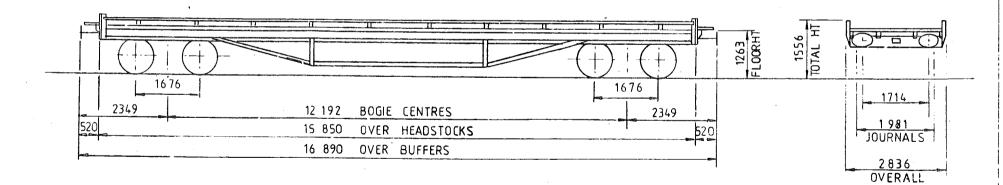
#### FE002A

LOT NUMBER	
3229	

		EXCE LENG tonn
	·	MAX

EXCESS LENGTH	7	Н	М	L	Ε
tonnes		63	40	23	17
VB		12	12	12	12
AB		0	0	0	0
RA		3	1	1	1
MAX SPEED		60	60	60	60

TOPS CODE						
CARKND AARKND		CREADY N PANEL N				
FEW	FEWP	0 3 8 4				



TARE	17000 Kg							
CARRYING CA	RRYING CAPACITY - 46 000 Kg							
CAPACITY -		•						
MAX SPEED		60 mil	e∕h					
WHEELS	Ø 9	52						
JOURNALS	Ø 124	ROLLER	BEARINGS					

BUF	FERS	Н	YDRAI	JLIC,	610	) x 356	0٧	AL	HE	ADS.
cou	PLIN	3S	IN	STA	NTER	•				
MIN	CUR	νE	22	m.					•	
GEN	ARR	GT	DRG	No	SW/D	DE/359	595,	۴.	s -	18284
BRA	KE	VA	UUM	BLO	CK, Al	R PIP	Ε,	HAN	D	SCREW
susi	PENSI	ON	SE	CON	DARY	COII.	•			

ISSUE 1

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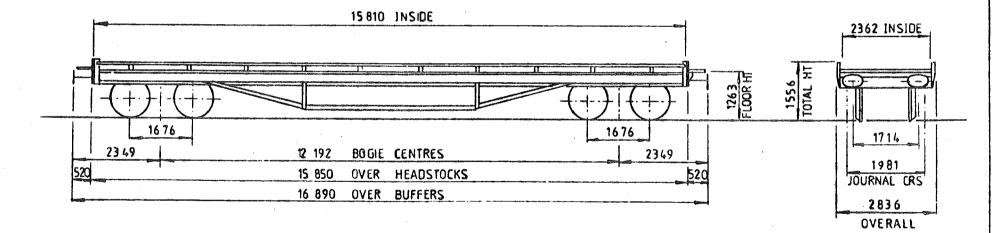
EX BR DIAGRAM 492

CONFLAT WAGON

FE002B

de

LOT NUMBER		TOPS INFORMATION					
3229	AARKND OPERATIN	G OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA		
	CARKND PANEL N	60 mile/h UP TO		LENGTH	(GLW)		
	FEWC038	4 mite/h ABOVE 63 tonne GLW	12 + BRAKED TO TARE	7	3		



TARE -	17 000 kg		and desired and a second of the second of th	-9/2++
CAPACITY, WE	IGHT - 46	000 kg		and and a second se
CAPACITY, VO	LUME -	and a second	annan faith air an ann an an Ceann ann	
MIN. CURVE -	2	2 m	a <del>n aga an</del> tabat in 1972	
GEN. ARRGT,	DRG. Nº	SW / DE	/ 35595	ζέτω θ <u>αστ</u> ά, ωγκ <b>α</b> κτιτά καλόγκα∑
I				

BRAKE -	VACUL	IM BLOC	K ,AIR	PIPE,	HAND	SCREW.
SUSPEN	SION -	SECOND	ARY C	DIL	an contra for grandition gan to the solution of	likoninja emonimentrosograpo
COUPLIN	GS-	INSTAN	TER	an a		and a light of the second state
BUFFERS	5- HY	DRAULIC	610 x	356 OV	AL HEA	NDS .
WHEELS	- DIA	952		and a constant of the second	ndalifinas.odikozyrawaw,	a nga sa kan-dalapan nananakan gang ang
JOURNAL	.S - 1	24 DIA 1	ROLLER	BEARI	NGS	0

ISSUE 1

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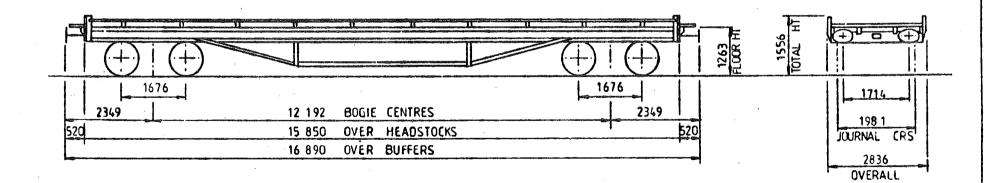
EX. BR. DIAGRAM 492

CONFLAT WAGON

#### FE002D

W 1292

LOT NUMBER				T	OPS INFORMATIO	N .	, 	
3229	AAI	KND	OPERATING	OPERATING	SPEED	BRAKE	FORCE DATA	EXCESS
	CARK	ND	PANEL Nº.	60 mile/h UP TO	EQ hanne Clivi	12 + BRAKE	TO TARE	LENGTH
	FE	WC	6 1 1 6	mile/hABOVE				7



TARE - 15	400 Kg
CAPACITY, WEIGHT - 42	600 Kg
CAPACITY, VOLUME -	an a
MIN. CURVE - 22	ĥ.
GEN. ARRG™, DRG, № SW / DE / 35595,	F-S-18284.

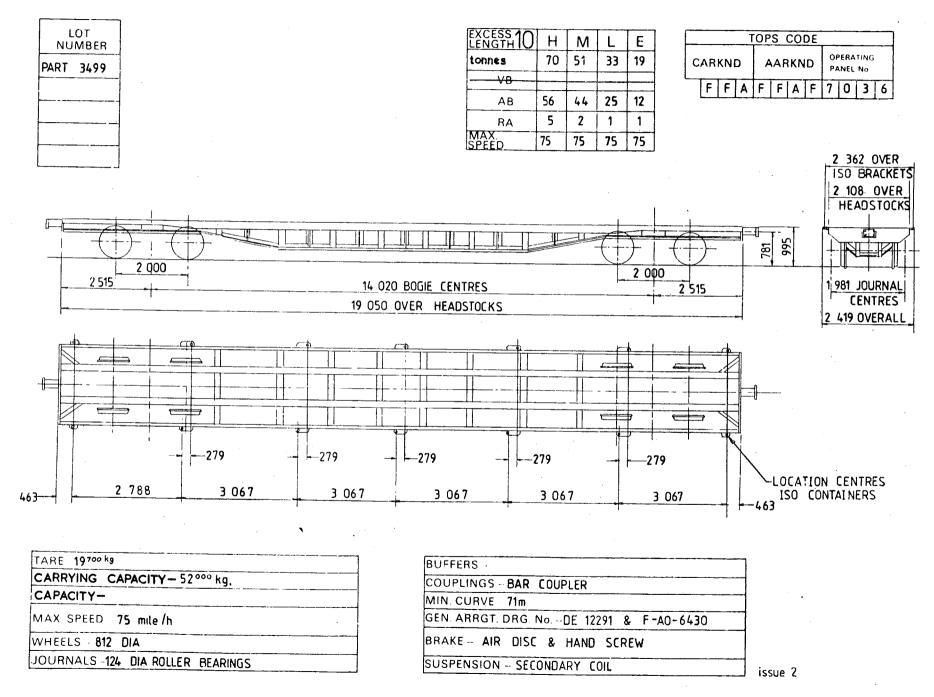
BRAKE -	VACUL	IM BL	DCK, AIF	PIF	PE, HA	ND SCRE	W.
SUSPENSIO	N -	SECO	NDARY	(0)	L	an a	n de san get - de yez -
COUPLINGS	•	INST	ANTER		in the second		
<b>BUFFERS</b> -	HYDE	RAULIC	61 <b>0</b> x	356	OVAL	HEADS	
WHEELS -	952	DIA					
JOURNAL S ·	- 124	DIA	RULLER	BEA	RINGS	na allatta ata enangaj	

ISSUE 1

EX. BR. DIAGRAM

492

#### FF001A

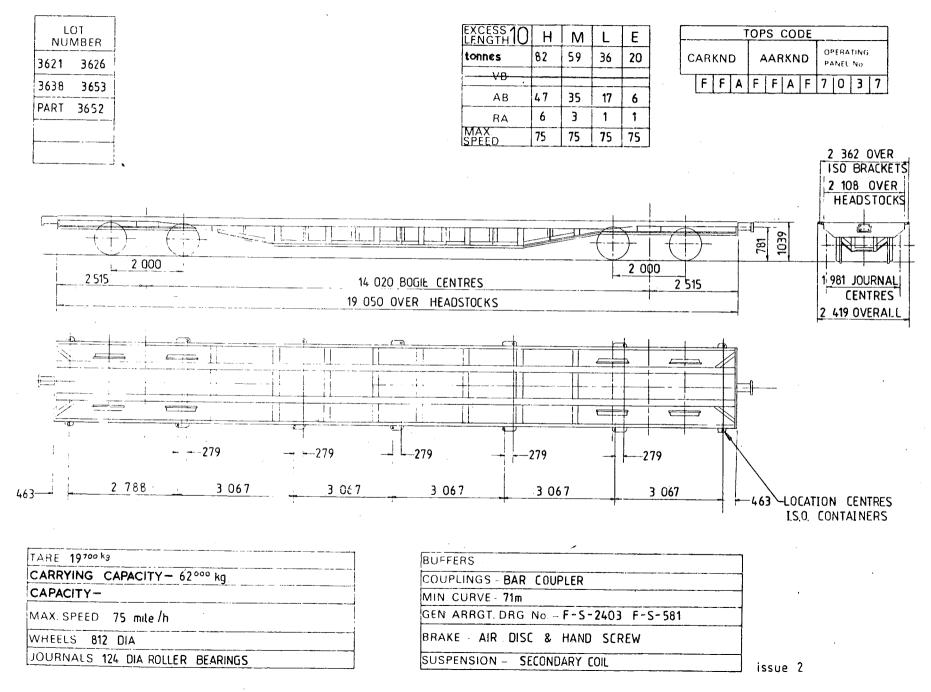


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#### FF001B

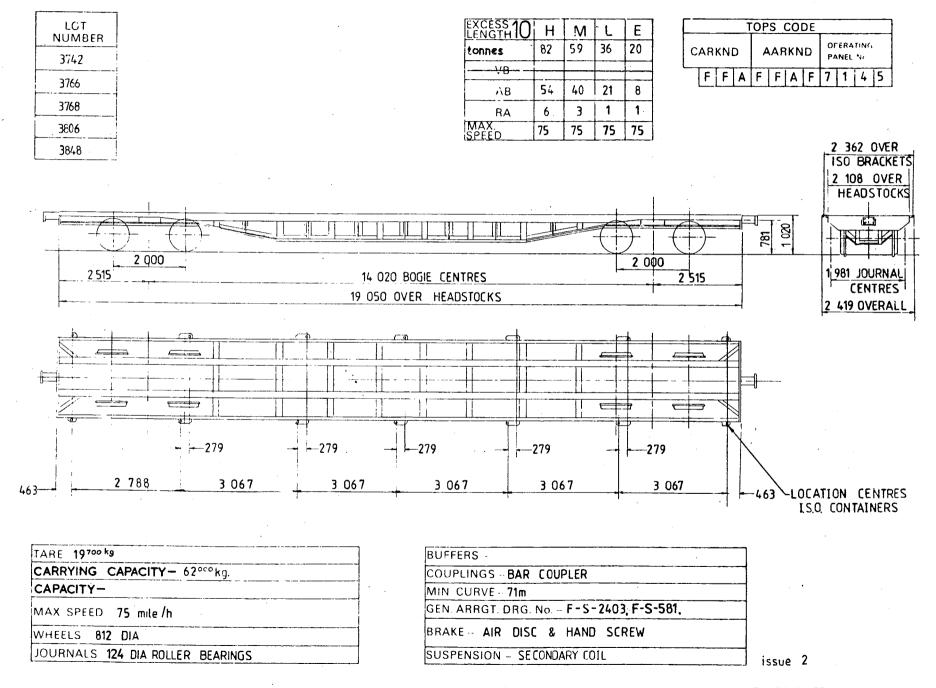
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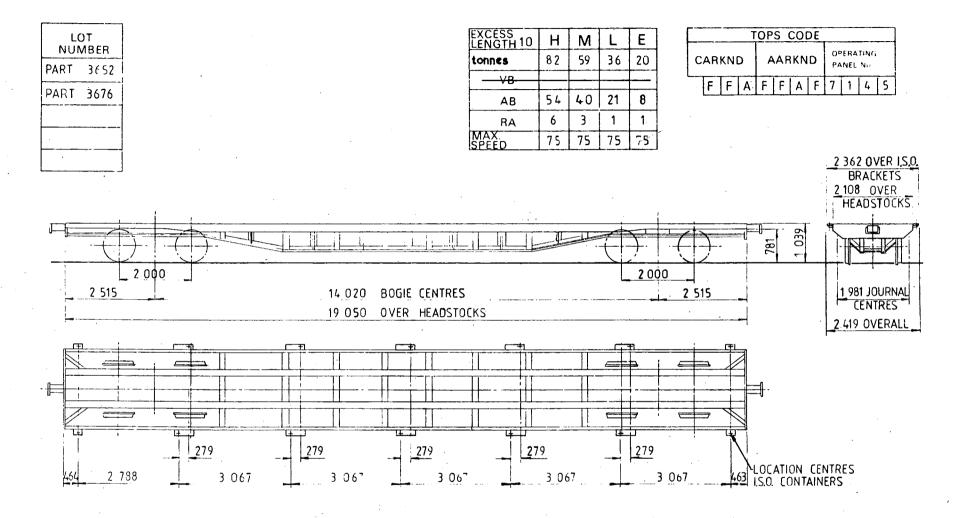
#### FF001D



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#### FF001E



 TARE
 19703 kg

 CARRYING
 CAPACITY –
 62000 kg

 CAPACITY –
 62000 kg

 MAX. SPEED
 75 mile/h

 WHEELS –
 812 DIA

 JOURNALS 124 DIA ROLLER BEARING

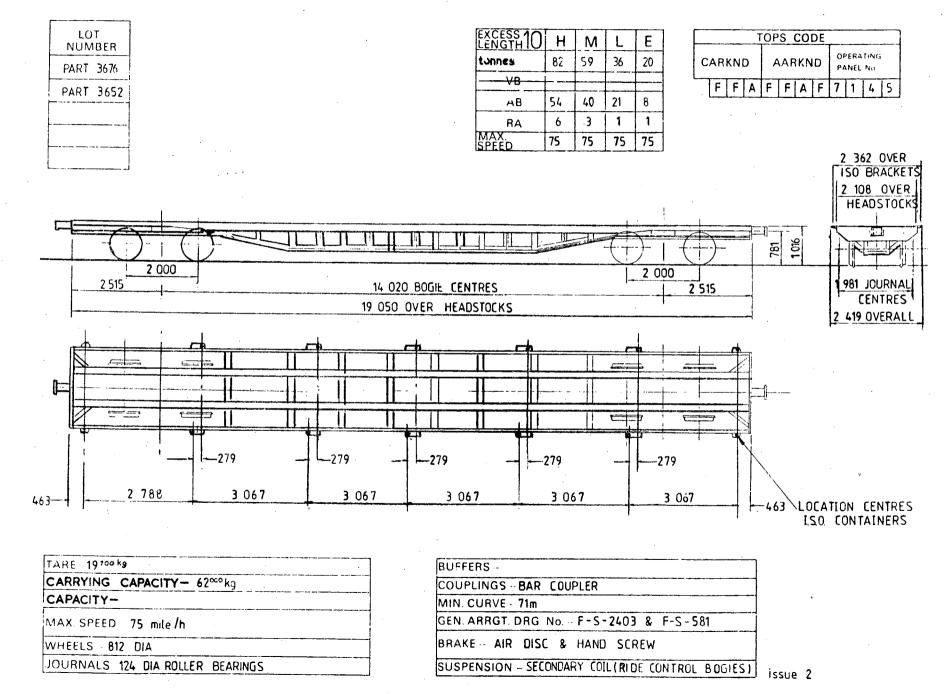
BUFFERS -	· · · · · · · · · · · · · · · · · · ·
COUPLINGS -	BAR COUPLER
MIN. CURVE -	71 m
GEN. ARRGT. DRG. No	D F-S-2403 & F-S-581
BRAKE	AIR DISC & HAND SCREW
SUSPENSION -	SECONDARY COIL

issue 2

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#### FF001F



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FREIGHTLINER INNER VEHICLE

#### LOT EXCESS 10 TOPS CODE Н Μ Ε L NUMBER 82 59 36 OPERATING tonnes 20 CARKND AARKND 3560 PANEL No -₩8-FFAFFAF7037 3618 47 35 17 AB 6 RA 6 3 1 1. MAX. SPEED 75 75 75 75 2 362 OVER ISO BRACKETS 2 108 OVER HEADSTOCKS 61 1010 NLIP 781 2 000 2 000 2 515 14 020 BOGIC CENTRES 1981 JOURNAL 2 515 CENTRES 19 050 OVER HEADSTOCKS 2 419 OVERALL <u>\_\_\_</u> **E** E <del>\_\_\_</del> -- 279 -279 -279 -279 -279 2 788 3 067 3 067 3 067 3 067 463-3 067 463 LOCATION CENTRES LS.O. CONTAINERS TARE 19700 kg CARRYING CAPACITY- 62900 kg

CARRYING CAPACITY - 62900 kg CAPACITY --MAX. SPEED 75 mile /h WHEELS 812 DIA JOURNALS 124 DIA ROLLER BEARINGS

	BUFFERS
Ī	COUPLINGS - BAR COUPLER
[	MIN. CURVE - 71m
	GEN. ARRGT. DRG. No F-S-2403/F-S-581
	BRAKE AIR DISC & HAND SCREW
ŀ	SUSPENSION - SECONDARY COIL

issue 2

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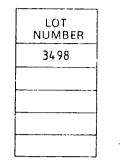
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EX BR DIAGRAM 1/86

FF001H

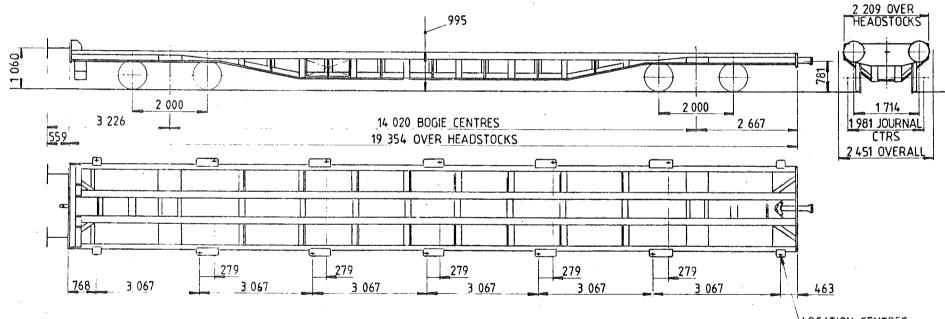
#### FG004A

0 4 1



EXCESS 11	н	
tonnes	70	
VB		-
AB	54	
RA	5	
MAX. SPEED	75	

-	E				T	OP:	S ·	col	DE				
	19	CARKND		AARKND			OPERATING PANEL NO						
			F	G	A	F	G	A	F	7	0	4	Ī
	8			<b>I</b>	4	·#			<b>.</b>	<b>I</b>		L	



LOCATION CENTRES FOR I.S.O. CONTAINERS

TARE	19 <sup>300</sup> kg
CARRYING	CAPACITY- 52000 kg
CAPACITY-	
MAX. SPEED	75 mile / h
WHEELS	812 DIA
JOURNALS	124 DIA ROLLER BEARING

BUFFERS -	HYDRAULIC 559 DIA HEADS
COUPLINGS -	OUTER END_ B.R. SCREW INNER END_ BAR COUPLER
MIN. CURVE -	71 m
GEN. ARRGT. DRG	. No. – <b>DE 12357</b>
BRAKE	AIR DISC, HAND SCREW
SUSPENSION -	SECONDARY COIL

Μ

51

40

2

75

L

33

21

1

75

1

75

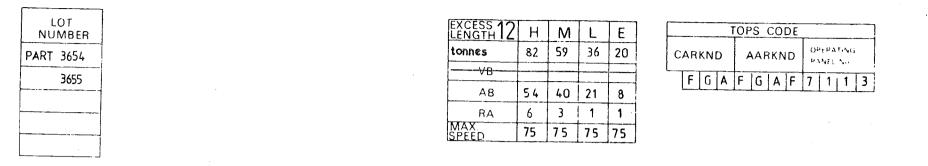
issue 3

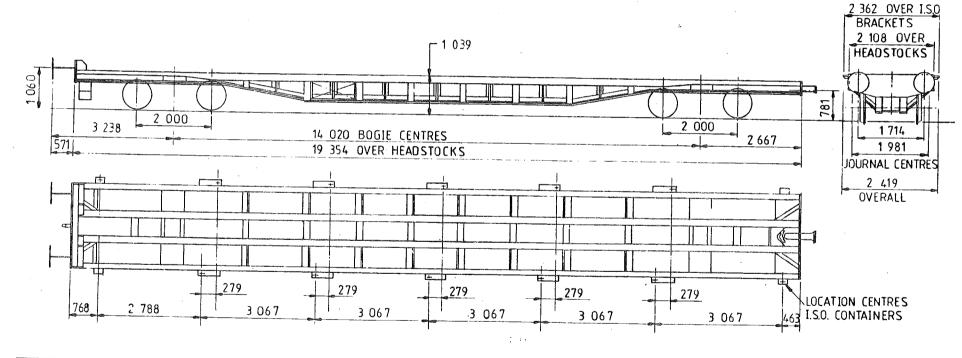
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EX B.R. DIAGRAM 82

### FG004B





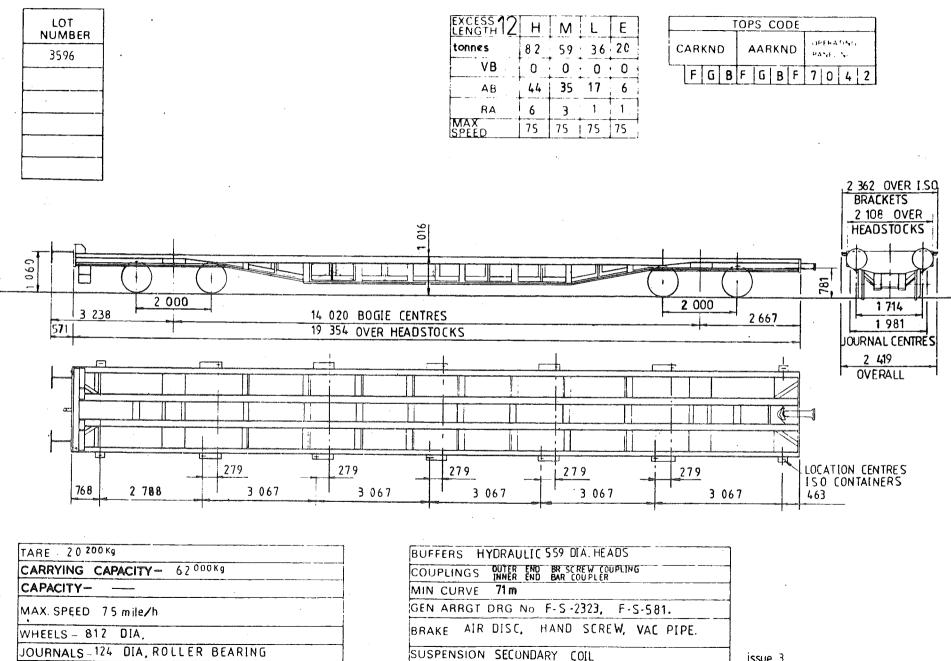
TARE 20 200 kg CARRYING CAPACITY - 62 000 kg CAPACITY -MAX SPEED 75 mile/h WHEELS 812 DIA. JOURNALS 124 DIA. ROLLER BEARING

BUFF	ERS HY	DRAULIC	559 DI	A. HEADS		 •
COUF	PLINGS	OUTER END INNER END	-B.R. SCRE	W PLFR		 
	CURVE					 
GEN ,	ARRGT.	DRG No	F-S	-2323,	F-S-581	 
BRAK	e AIR	DISC &	HAND	SC RE W		 
SUSP	ENSION	SECON	DARY CO	DIL		 {

issue 3

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Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)



JOURNALS-124 DIA, ROLLER BEARING

issue 3

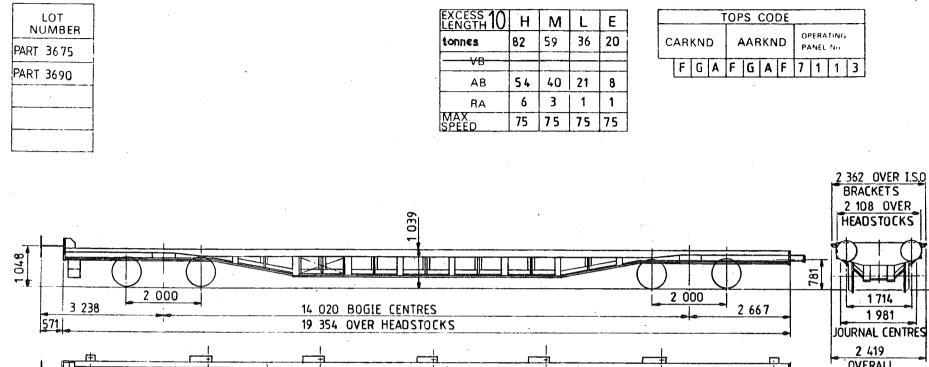
Original © BRB Residuary Ltd.

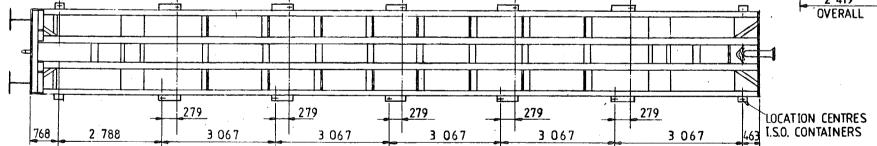
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EX BR DIAGRAM 1/84

FG004C

#### FG004D





TARE 20 200 kg CARRYING CAPACITY - 62 000 kg CAPACITY --MAX SPEED 75 mile/h WHEELS 812 DIA. JOURNALS 124 DIA. ROLLER BEARING

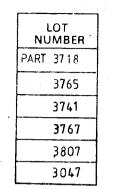
BUFFERS HYDRAULIC 559 DIA HEADS	
COUPLINGS - OUTER END-BR SCREW COUPLING	<u> </u>
MIN.CURVE 71 m	
GEN ARRGT DRG. No. F-S-2323	
BRAKE AIR DISC & HAND SCREW	
SUSPENSION -PRIMARY COIL	

issue 2

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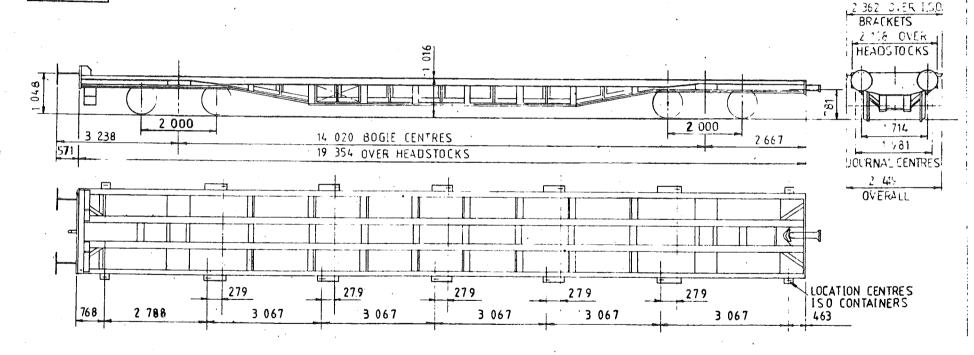
\_Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

#### FG 00 4 E



EXCESS LENGTH 10	Н	M.	L	Е
tonnes	82	59	36	20
VB				
AB	54	40	21	8
RA	6	3	1	1 -
MAX. SPEED	75.	75	75	75

[	TOPS CODE											
	CARKND		⊿	AARKND				OPERATING PANEL NO				
		F	ն	Α	F	G	A	F	7	1	1	3



TARE - 20 200 Kg CARRYING CAPACITY - 52 000 Kg CAPACITY -MAX. SPEED - 75 mile/h WHEELS - 812 DIA. JOURNALS - 124 DIA. ROLLER BEARING BUFFERS HYDRAULIC 559 DIA. HEADS COUPLINGS OUTER END BAR COUPLING MIN CURVE 71 m GEN ARRGT DRG NO. DE-12472 F-S-6664 BRAKE AIR DISC & HAND SCREW SUSPENSION - PRIMARY COIL

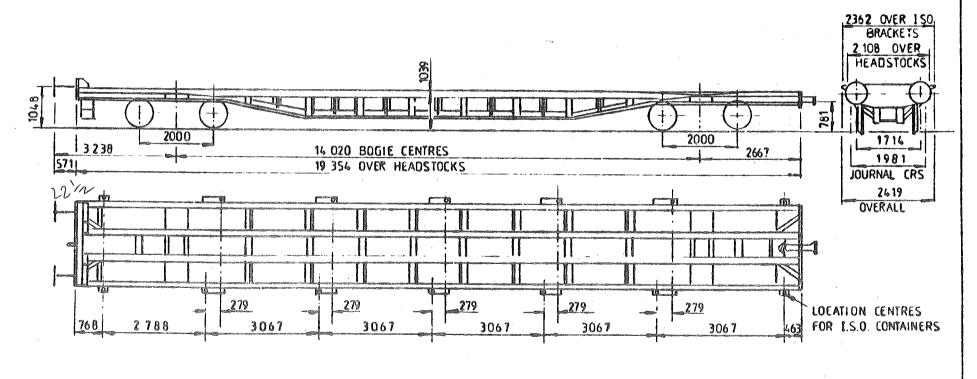
issue 2

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#### FG004 H

LOT N	UMBER	antiken soo antiken tiin attain taa antiken taa antiken taa antiken taa antiken taa antiken taa antiken taa ant	a na sa n Na sa na s		OPS INFORMATIO	N		an a		
3622	3690	AARKND	OPERATING	OPERATING	SPEED	BRAKE	FORCE	DATA	EXCESS	RA
3654	3692		PANEL NO.	75 mile/h UP TO	30 Anna CILL			ĸĸġŎĸĊĬĬĸŶĬĊĸŔĊŎĊġĸĸĸĸĸĸġŊĸŢĊĸĸĸĸĸĊĬŊĸŢĬĸĸĸ	LENGTH	(GLW)
3675	3711	FGAF		55 mile/h ABOVE	72 tonne GLW	-6.866 01	(0.742	= ?)	11	5



TARE -	20 200	kg	un anauen Cyclelien digbied fühlen auf annan
CAPACITY, WEIGHT	- 62 0 00	kg	***********
CAPACITY, VOLUME			annan an a
MIN. CURVE -	71 m	anter and strangers unstag	<u>aliin (II) (Construction of Sector Sec</u>
GEN. ARRGT. DRG.	Nº ₽	·S·2323	an a

BRAKE - AIR DISC HAND SCREW	
SUSPENSION - PRIMARY COIL (F/L 1 BOGIES)	
COUPLINGS-OUTER-BR SCREW, INNER-BAR	
BUFFERS - HYDRAULIC 559 DIA HEADS	
WHEELS - BIZ DIA	
JOURNALS - 124 DIA ROLLER BEARINGS	1

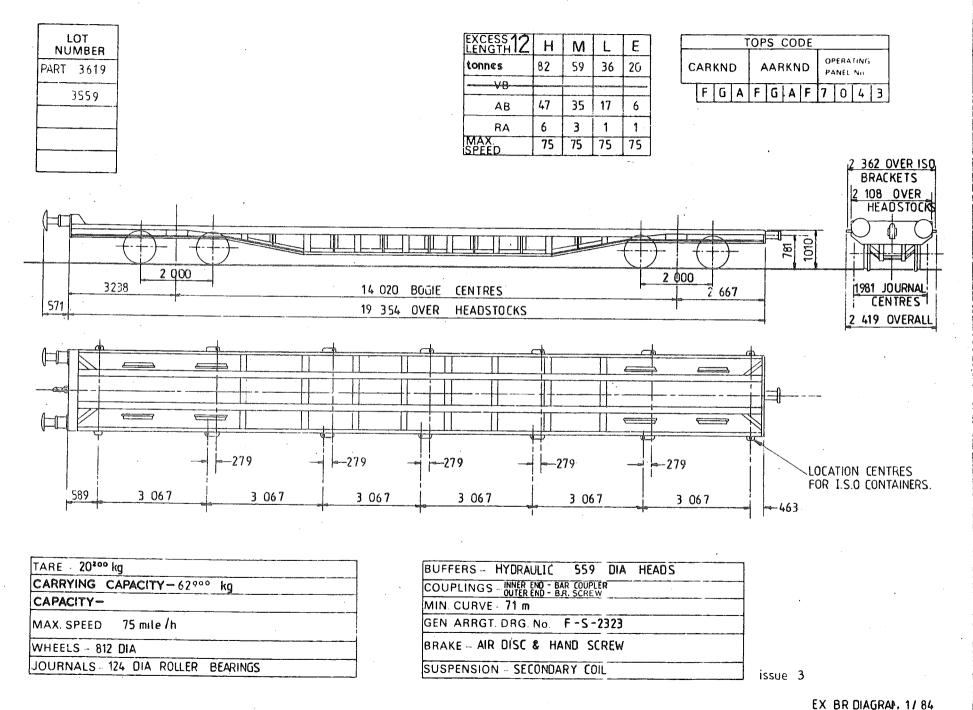
ISSUE 1

EX. BR. DIAGRAM 1/123

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#### FG004G

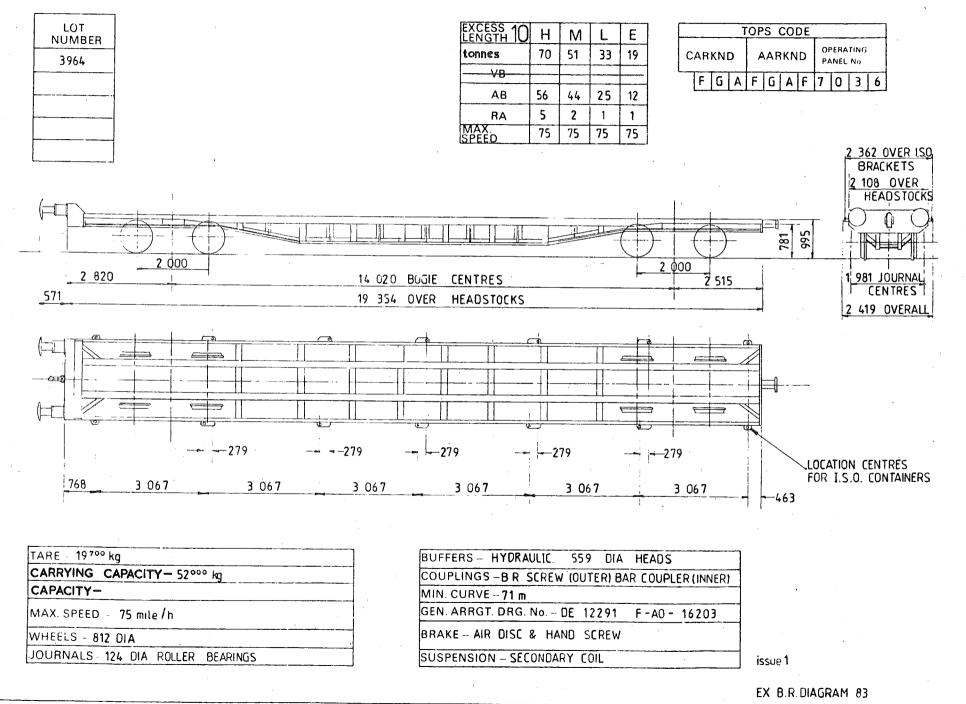


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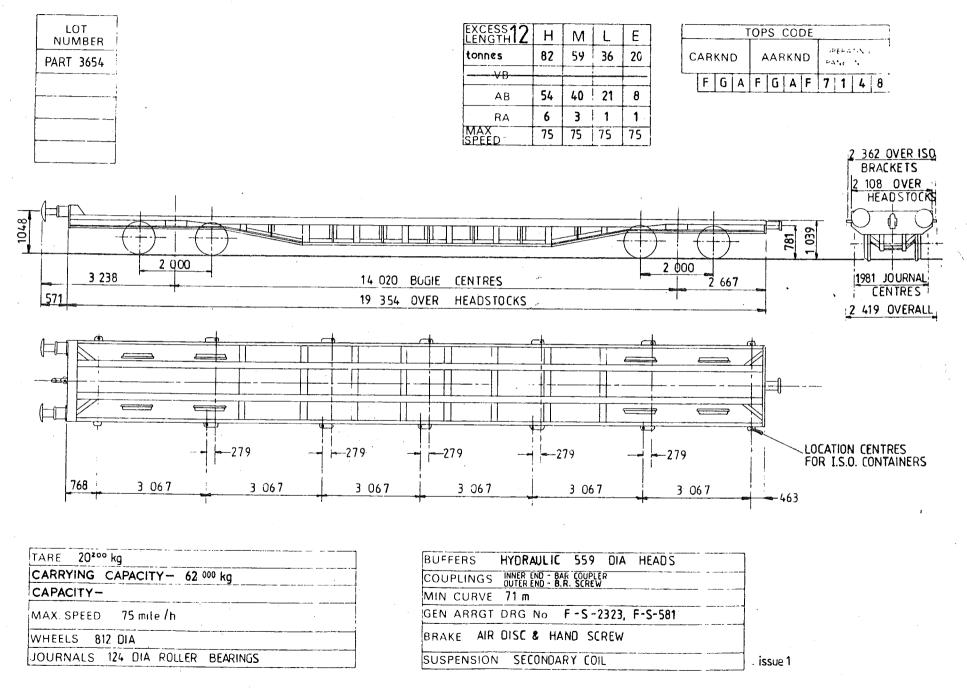
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FREIGHTLINER OUTER VEHICLE

#### FG004K



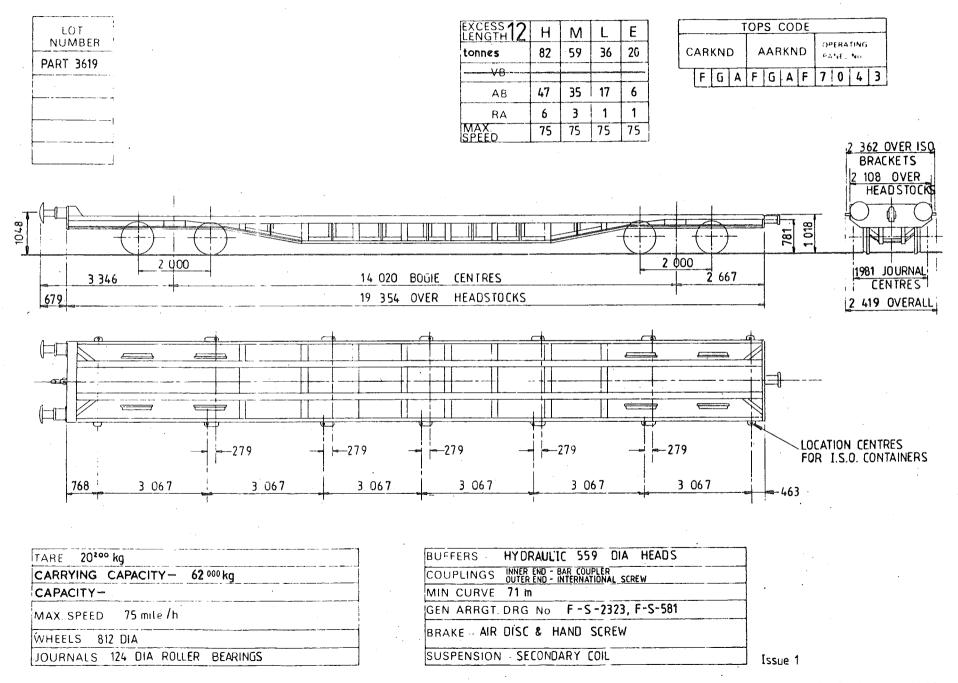
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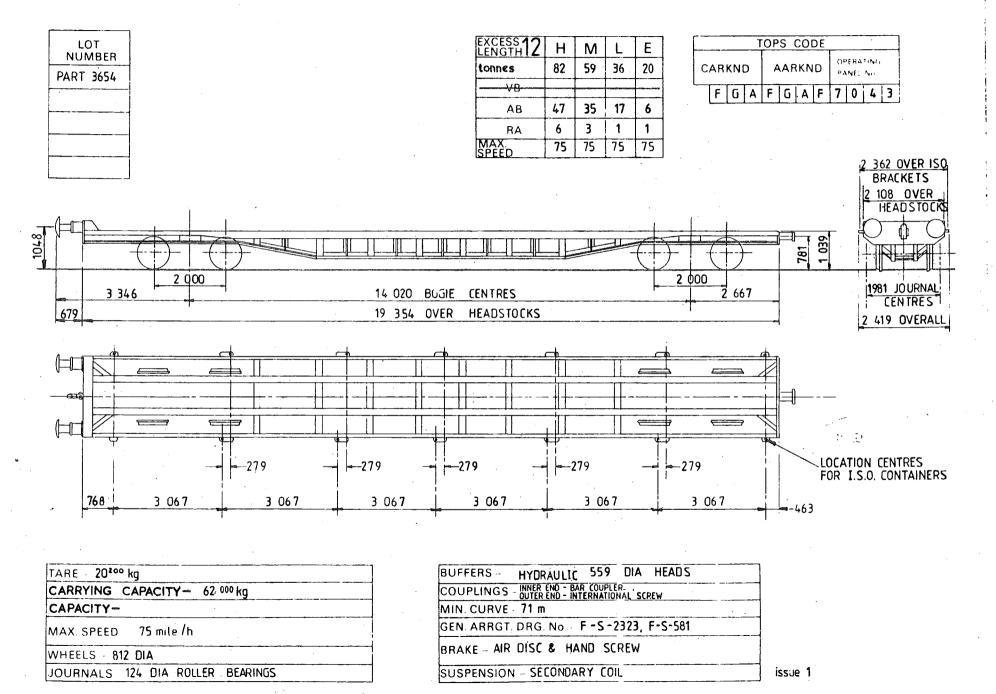
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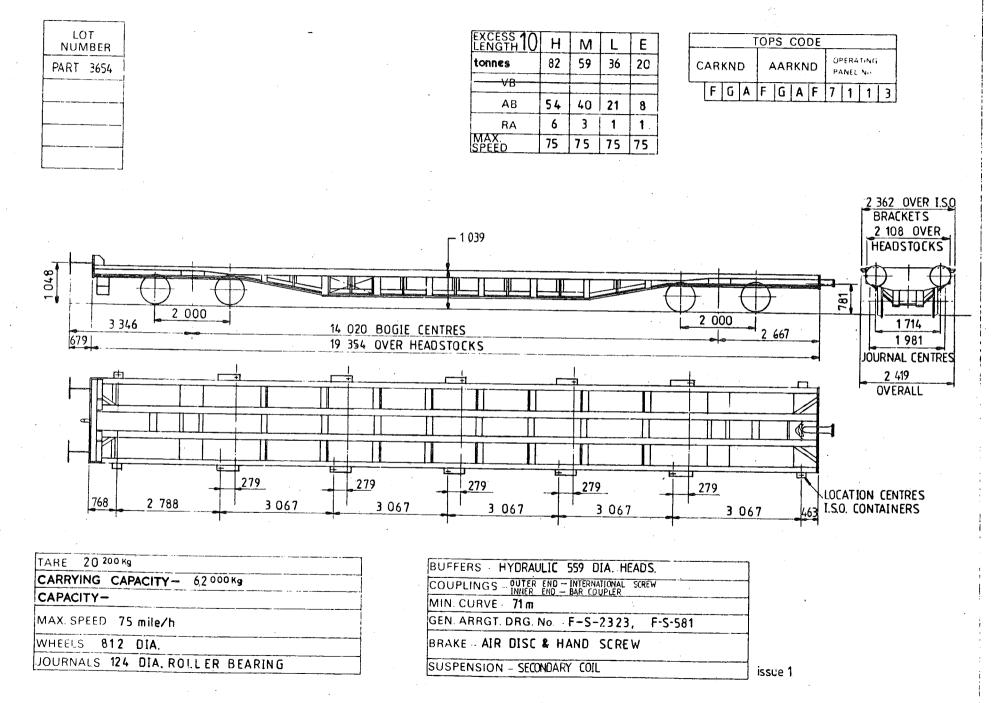
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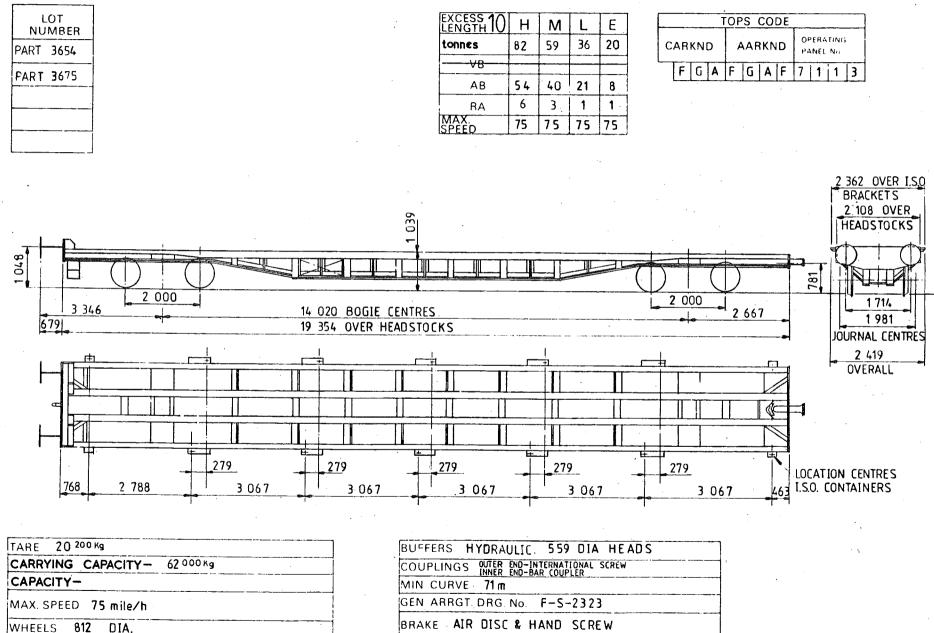
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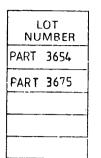


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#### FG004Q





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JOURNALS 124 DIA. ROLLER BEARING

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SUSPENSION - PRIMARY COIL

EX BR DIAGRAM 1/123

issue 1

## FG004 R

					A
LOT NUMBER		EXCESS LENGTH	2 H M L E		TOPS CODE
3622		itonnes	82 59 36 2		AARKND OPERATING
3627					PANEL NO
3639	,	АВ	47 35 17 6	F G	A F G A F 7 0 4 3
PT 3654		RA	6 3 1 1	· ·	
		MAX. SPEED	75 75 75 75	5	
			<del>-</del> .		2 362 OVER ISO BRACKETS
					2 108 OVER
				· · · ·	HEADSTOCKS
			<u> </u>	レー くけ	
3238 2 000	14 020 E	BOGIE CENTRES		2 000	
571		OVER HEADSTOCKS	<b>S</b>	2 667	1981 JOURNAL CENTRES
					2 419 OVERALL
	h		<u></u>		
	·				
		, 1 11 11			$\overline{\mathbf{A}}$
		- 279 -		-279	-LOCATION CENTRES
7- 3 067 3 067					FOR I.S.O. CONTAINERS
3 067 3 067	3 067	3 067	3 067	3 06 7	
				· · ·	1
TA DE 202001					
TARE 20 <sup>200</sup> kg CARRYING CAPACITY - 62000 kg		BUFFERS - HYDRA		IEADS	]
CAPACITY-	·	COUPLINGS INNER OUTE MIN. CURVE 71 r	END - BAK COUPLER RENC BR SCREW		
MAX. SPEED 75 mile /h		GEN. ARRGT. DRG			4
WHEELS - 812 DIA		BRAKE - AIR DISC			
JOURNALS 124 DIA ROLLER BEARINGS			PRIMARY COIL		- · ·
	<b></b>	0031 EN31014 - 1	TRIMART LUIL		Issue 1

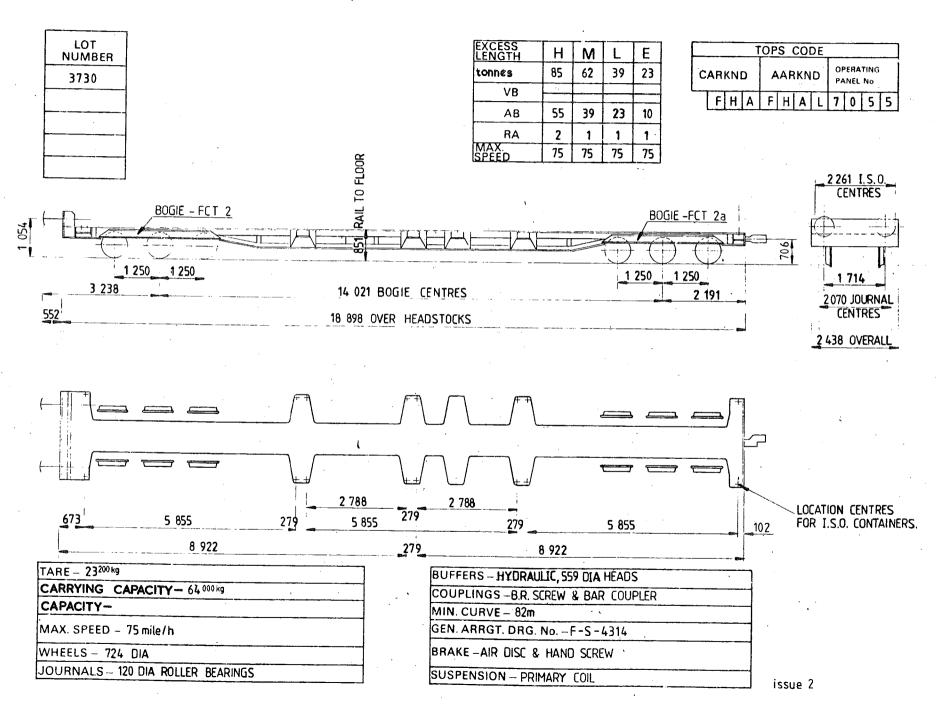
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LOWLINER OUTER VEHICLE

· • -

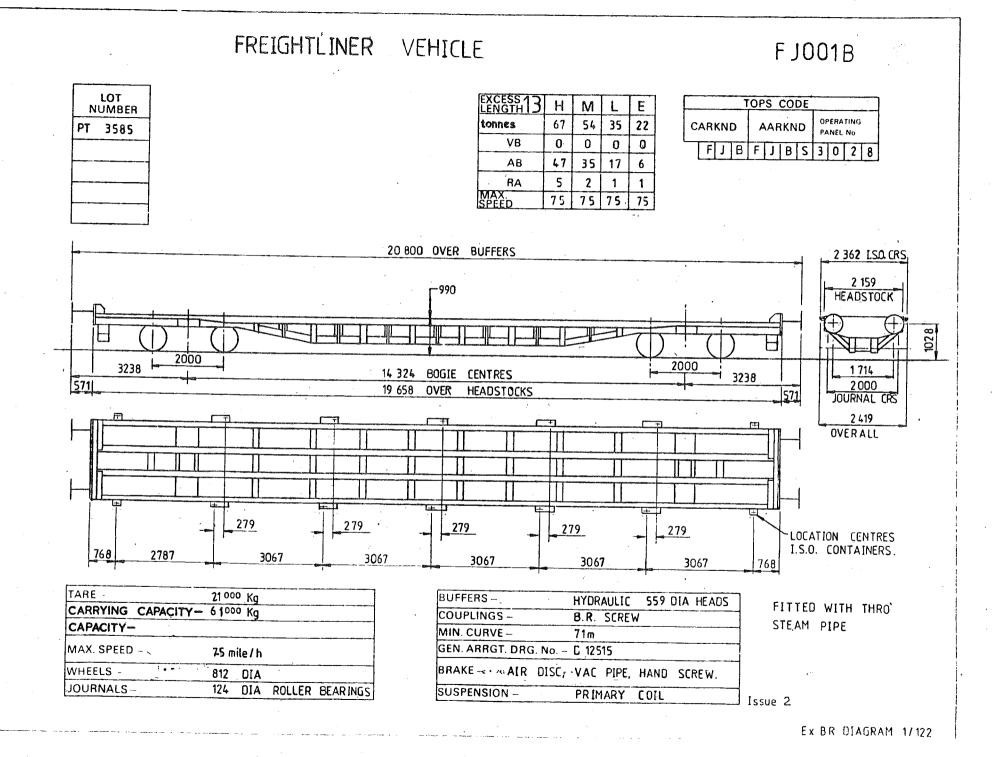
FH002A



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'EX. B.R. DIAGRAM 1/136



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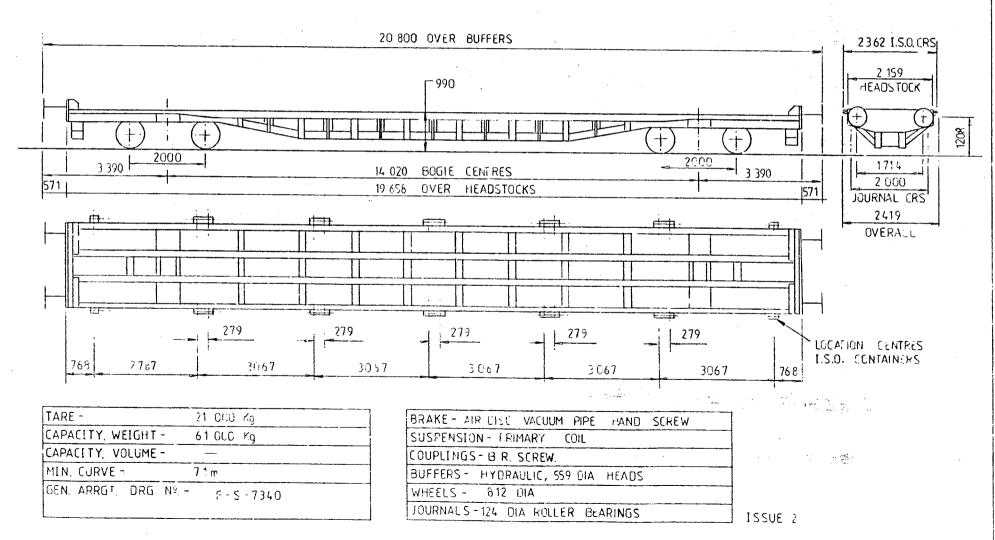
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82 + G.L.W. FREIGHTLINER WAGON

## FJ001C

W 1312

LOT NUMBER		TOPS INFORMATIC	DN NC	
3980	AARKND OPERATIN	OPERATING SPEED	BRAKE FORCE DATA	EXCESS
3924	CARKND PANEL № F J B S	75 mile/h UP TO mile/h ABOVE 82 fonne GLW	VARIABLE -14 + (0.9 x t)	LENGTH 13

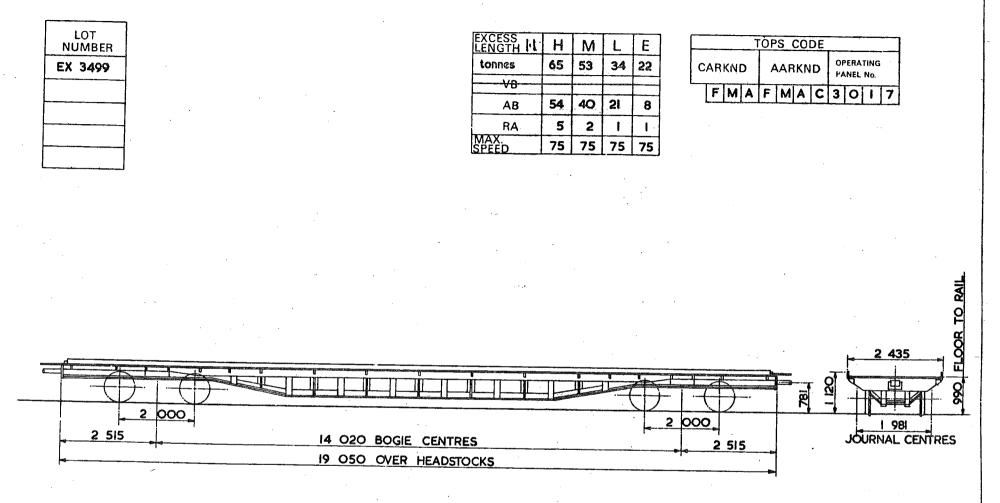


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FREIGHT FLAT INNER VEHICLE

#### FMOO1A



TARE	21750 kg
CARRYING CAPAC	ITY-42000 kg
CAPACITY -	
MAX. SPEED -	75 mile/h
WHEELS -	812 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

BUFFERS –	
COUPLINGS -	BAR COUPLER
MIN. CURVE -	71 m
GEN. ARRGT. DRG.	No C-AO-14687
BRAKE -	AR DISC & HAND LEVER
SUSPENSION -	SECONDARY COIL

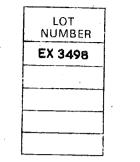
ISSUE 2. EX. B.R. DIAGRAM 1/309

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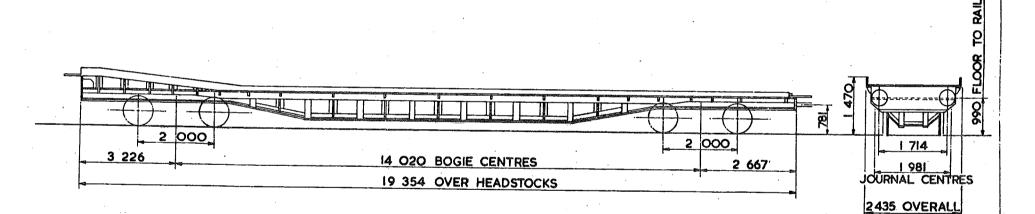
FREIGHT FLAT OUTER VEHICLE

#### FMOO2A



EXCESS II	Н	M	L	E
tonnes	65	53	34	55
		ļ		
AB	54	40	21	8
RA	5	2	1	1
MAX. SPEED	75	75	75	75

	TOPS CODE										
с	AR	KN	D	A	AF	KN	D		PERA	TING No.	
	F	М	A	F	м	A	D	3	0	1	7



TARE -	22650 kg
CARRYING CAPAC	ITY 42000 kg
CAPACITY-	
MAX. SPEED -	75 mile/h
WHFELS	812 DIA.
JOURNALS	124 DIA. ROLLER BEARINGS

BUFFERS -	HYDRAULIC: 559 DIA HEADS
COUPLINGS-	OUTER END-SCREW
MIN. CURVE -	71 m
GEN. ARRGT. DRG.	No F-AO-14687
BRAKE	AIR DISC & HAND SCREW
SUSPENSION -	PRIMARY COIL



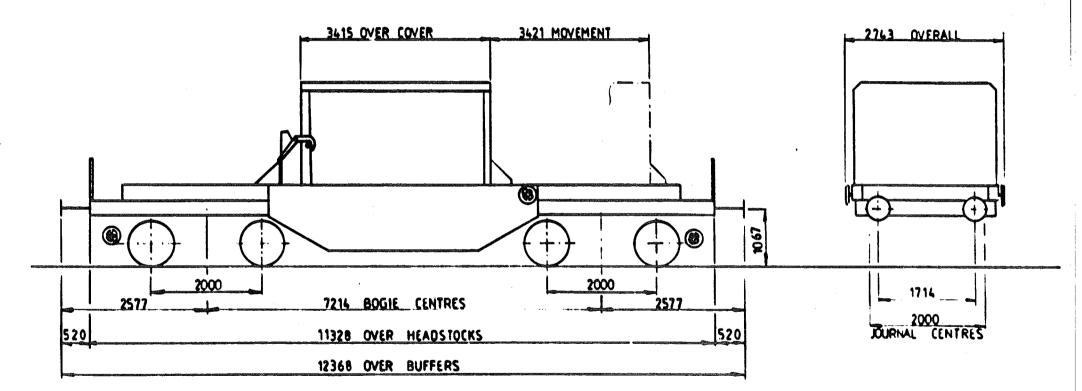
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## FN002B

## ATOMIC FLASK WAGON

LOT NUMBER		TOPS INFORMATION							
. 3697	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS					
	CARKND PANEL NB.	45 mile/h UP TO B6 tonne GLW	24 · 24+ TARE	LENGTH					
	F N B B	mile/h ABOVE	41 . 761 LADEN	0					



TARE -	30 000 hg	ANNULLE CONTRACTOR OF THE ANNULLE AND
CAPACITY, WEIGHT -	56 000 kg	
CAPACITY, VOLUME -		
MIN. CURVE - 31m S	INGLY, 46m CLOSE	COUPLED
GEN. ARRGI, DRG.	N9, ~	
	F-S-1461	

BRAKE - AIR	BLOCK, VACUM	PIPE, HAND	SCREW.
SUSPENSION	- SECONDARY	COIL	
COUPLINGS-	AR SCREW		
BUFFERS -	HYDRAULIC,	406 DIA HE	ADS
WHEELS -	838 DIA		an a
JOURNALS -	140 DIA ROLLER	R BEARINGS	genegen after av parte de la fan en ser gener de la fan en ser fan de la fan en ser fan de la fan en ser fan de

ISSUE 2

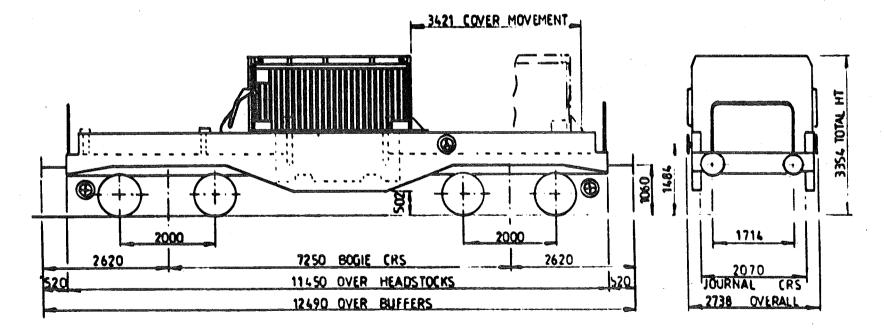
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EX. BR. DIAGRAM X 534

## FN003A

LOT NUMBER	TOPS INFORMATION						
6004	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS			
a pada mina mangkan pana pana pang pang pang pang pang pa	CARKND PANEL NO.	45 mile/h UP TO 79 tonne GLW	VARIABLE LOAD	LENGTH			
	FNBB	-mile/h ABOVE 79 tonne GLW	-1.046 + (0.682 x t)	0			



TARE -	23000 kg
CAPACITY, WEIGHT -	56000 kg
CAPACITY, VOLUME -	
MIN. CURVE -	31m
GEN. ARRGT, DRG. Nº	04 · AO · 9011986

BRAKE - A	IR DISC, VACUUM PIPE, HAND SCREW
SUSPENSION -	PRIMARY COIL
COUPLINGS-	B.R.SCREW
<b>BUFFERS</b> -	SELF CONTAINED, 406 DIA MEADS
WHEELS -	953 DIA
JOURNALS -	150 DIA ROLLER BEARINGS

DIMNS, WHERE APPLICABLE, ARE TO UZFRAME MEMBERS, AND NOT OVER STAINLESS STEEL CLADDING

ISSUE 2

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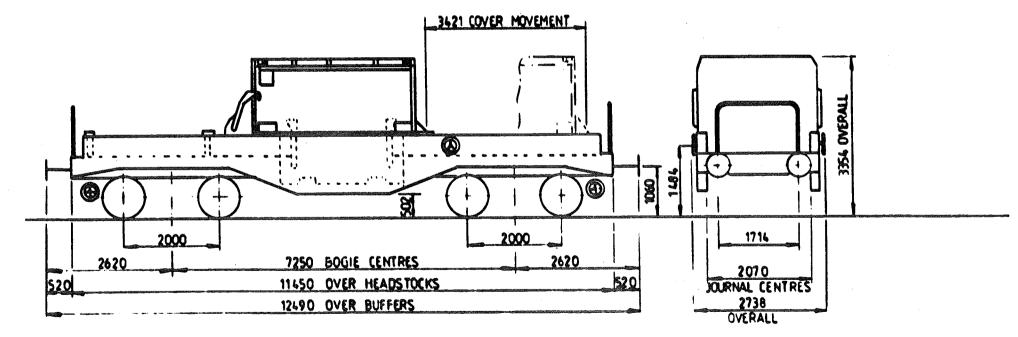
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#### FN003B

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ilen:	LOT NUMBER	gala alla che interna della constanza della constanza della constanza della constanza della constanza della con	TOPS INFORMATION									
	3886	AARKND OPERATIN	OPERATING SPEED	BRAKE FORCE DATA EXCESS	RA							
	3928	CARKND PANEL NE	60 mile/h UP TO 25 tonne GLW	-1.046 + (0.482 x t)	(GLW)							
		FNBB060	45 mile/h ABOVE		6							



TARE -		25000	kg		
CAPACITY, WEIGHT	<b>.</b>	56000	kg		
CAPACITY, VOLUME	8				
MIN. CURVE -		31 m			
GEN. ARRGI. DRG.	N8.	- 06 -	A0 ·	· 901198(	5

BRAKE - A	ir dis	(, VA	.CUUM	PIPE,	HAND	SCREW
SUSPENSION -	PRIM	IARY	COIL			
COUPLINGS-	BRS	SCRE	W			and a second
Buffers -	SELF	100	ITAINEC	) 406	DIA	HEADS
WHEELS -	953	DIA				
JOURNALS -	150	DIA	ROLLE	R BEA	RINGS	

OMN'S WHERE APPLICABLE ARE TO U/FRAME MEMBERS AND NOT OVER STAINLESS STEEL CLADDING

ISSUE 2

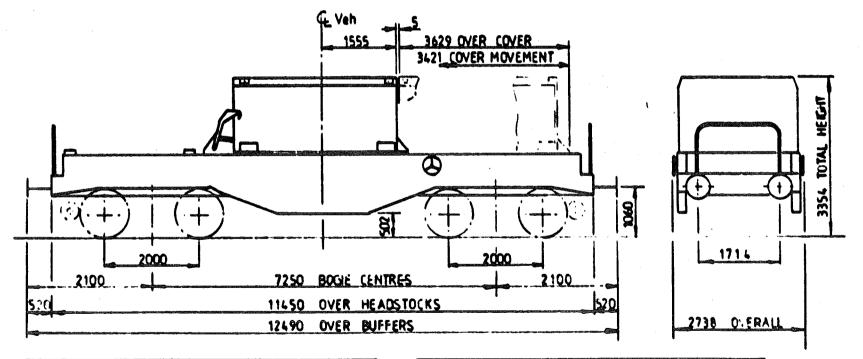
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EX. BR. DIAGRAM 2/536

#### FN003C

		•		una a de una esta esta desta terreta de la compositiva de la compositiva de la compositiva de la compositiva de			W 1307	) 
LOT NUMBER			tc	PS INFORMATION		an a	and a state of the	RA
4049	AARKND	OPERATING	OPERATING	SPEED	BRAKE FORC	e data		GLW)
4057	CARKND	PANEL NO.	60 mile/h UP TO	25 tonne GLW	- 4.5 + 10.5 × 1	)	LENGTH	
	FNAB		45 mile/h ABOVE	83 IOUNS OF	4-3 · 10-3 ··· 1			9



TARE		25000 k	g				
CAPA	CITY,	WEIGH	1-	56000	kg		
CAPA	CITY,	VOLUM	6 -				
MIN.	CURV	6 - 3	)1m				
GEN.	ARRG	T. DRO	5. N8	• 04 •	- 0A	9011986	
1							

B	R	AI	KE	-	1		8	D	IS			HA	ND		S(R	6 🖗		100-40204	town way			
S	U	SI	26	N	SI	0	N -		P	RIF	<u>'</u> , A	RY		00	١٢					-	entres obtacan	-
C	0	Uf	મ	91	łG	\$	•	8	R.	5	CR	EV	1				den Alber					
E	U	FI	E	R:	5 -	,	H	YD	R/	VUL	,10	) )	60	)6	DIA		HE	A	35			
١	٧Þ	K	El	. S	9		95	3	DI	A												
J	0	U	R			) •	1	50		)1/	V	RO	U	ER	38	AA	<b>XIN</b>	6	5		 	

LIMENSIONS WHERE APPLICABLE ARE TO NOERFRAME MEMBERS ANE NOT 1'E STAINLESS SPEEL CLADDING

ISSUE 2

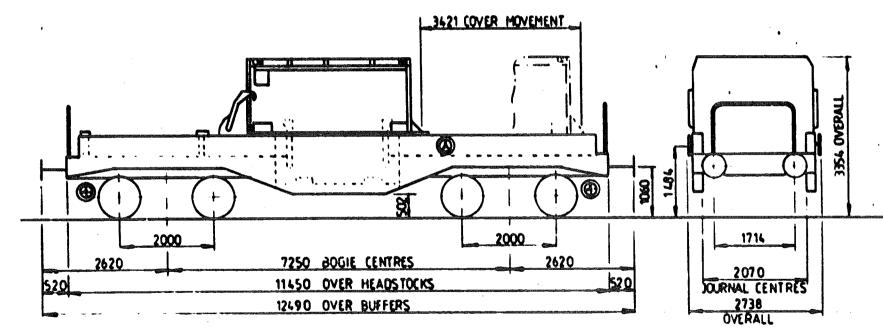
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EX. BR. DIAGRAM



LOT NUMBER		TOPS INFORMATION									
3886	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA						
3928	CARKND PANEL NO	60 mile/h UP TO 25 tonne GLW	-1.046 . (0.482 x t)	LENGTH	(GLW)						
	FNAB0604	45 mile/h ABOVE	-1.049 • 10.402 × 11		<b>°</b>						



TARE -	a Braid an Albaha	25000	kg		
CAPACITY, WEIGHT	•	56000	kg		
CAPACITY, VOLUME	•				
MIN. CURVE -		31 m			
GEN ARRGI DRG.	Nº.	- De •	A0 •	9011986	

BRAKE - A	JR DIS	, HAND	SCHEW		
SUSPENSION -	PRIM	ARY CO	IL		
COUPLINGS-	BRS	SCREW			
BUFFERS -	SELF	CONTAI	NED 406	DIA HEA	NDS
WHEELS -	953	DIA			
JOURNALS -	150	DIA RO	LLEP BEAN	RINGS	

DMN'S WHERE APPLICABLE ARE TO U/FRAME MEMBERS AND NOT OVER STAINLESS STEEL CLADDING

ISSUE 1

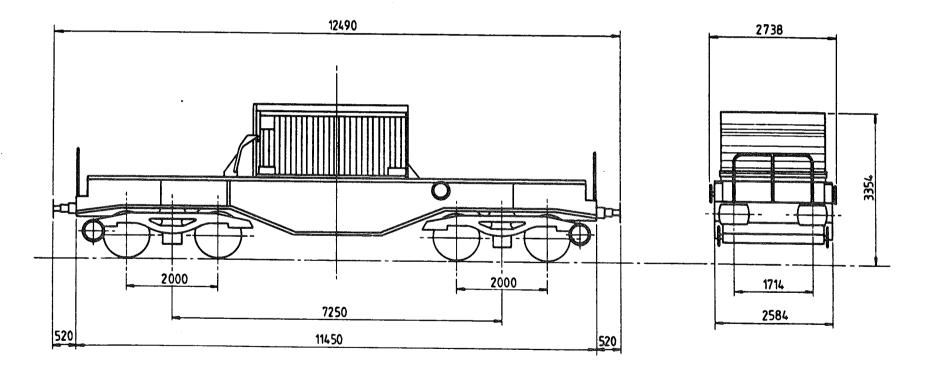
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#### IRRADIATED FUEL FLASK WAGON

#### FN003F

LOT NUMBER	TOPS INFORMATION									
	AARKND OPERATING CARKND PANEL No. F N A	OPERATING SPEED 60 mile/h UP TO mile/h ABOVE 81 tonne GLW	BRAKE FORCE DATA VARIABLE LOAD:4.5+(0.5* †)	EXCESS RA DESIGN LENGTH (GLW) SHEET – 6 w1957						



TARE- 25 000 kg	BRAKE- AIR DISC & SCREW
CAPACITY, WEIGHT- 56000kg	SUSPENSION-FBT 6Ma
CAPACITY, VOLUME	COUPLINGS- BR SCREW
MIN. CURVE- 31 m	BUFFERS- HYDRAULIC 610 - 355
GEN. ARRGT. DRG. NO	WHEELS- 953 DIA.
	JOURNALS- 150 DIA. ROLLER BEARINGS

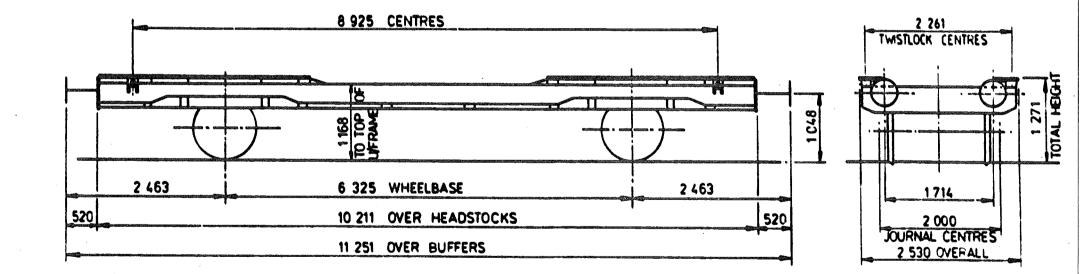
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# 43 tonnes G.L.W. CONTAINER WAGON (COAL)

LOT NUMBER		TOPS INFORMATION				
4050	AARKND	OPERATING	OPERATING	SPEED	BRAKE FORCE DATA	EXCESS
	CARKND	PANEL Nº	45 mile/h UP TO	11.8 tonne GLW	ACCORDING TO FORMULA:-	LENGTH
	FPAB		60 mile/h ABOVE	11.8 tonne GLW	4-22 + (0-55 x t) UP TO 41t G.L.W. THEN CONSTANT	8



TARE -		11800 kg
CAPACIT	Y, WEIGHT -	gii 005 16
CAPACIT	Y, VOLUME -	
MIN. CU	RVE -	41 m
Construction of the second state of the		
GEN. ARI	RGI. DRG. Nº	C1-A0-8600137

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

ISSUE 2

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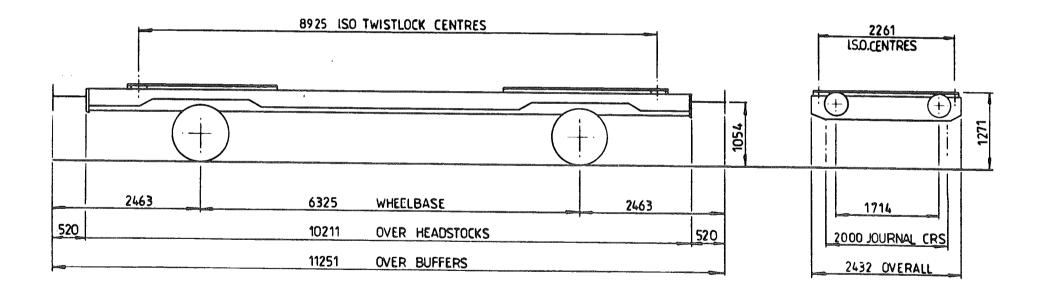
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EX. BR. DIAGRAM

FP 005A

# CONTAINER FLAT WAGON (43.8 + G.L.W.)

LOT NUMBER	TOPS INFORMATION					
3764	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN
and a second	CARKND PANEL No.	45 mile/h UP TO 40 mile/h APOVE 11.8 tonne GLW	AAL YARP		(GLW)	
		60 mile/h ABOVE	27 † LADEN	4.6	8	W 1845



TARE- 11.8 tonnes	BRAKE- AIR DISC & HAND LEVER
CAPACITY, WEIGHT- 32 tonnes	SUSPENSION-LONG LINK
CAPACITY, VOLUME-	COUPLINGS- B.R. SCREW
MIN. CURVE- 41m SINGLE, 50m CLOSE COUPLED	BUFFERS- HYDRAULIC, 457 DIA HEADS
GEN. ARRGT. DRG. NO B1-A0-8600894	WHEELS- 952 DIA
	JOURNALS- 140 DIA ROLLER BEARINGS

ISSUE 1

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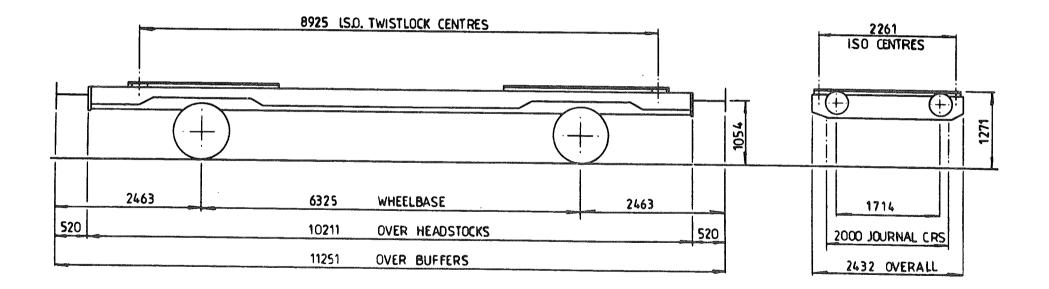
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EX. BR. DIAGRAM 1/262

FP006A

# CONTAINER FLAT WAGON (43.8+GLW)

LOT NUMBER	TOPS INFORMATION		
3832	AARKND OPERATING OPERATING SPEED B	RAKE FORCE DATA EXCESS	RA DESIGN
an a	CARKND PANEL No. 45 mile/h UP TO 11.8 tonne GLW VARIABLE		(GLW) SHEET
and and a share of the state of	F         P         A         B         60 mile/h         ABOVE         11-8 tolline of vert 2 · 77 + (0 · 10 · 10 · 10 · 10 · 10 · 10 · 10 ·	58 x t) 46	_8 W 1846



TARE- 11.8 tonnes	BRAKE- AIR DISC & HAND LEVER
CAPACITY, WEIGHT- 32 tomes	SUSPENSION-LONG LINK
CAPACITY, VOLUME-	COUPLINGS- B.R. SCREW
MIN. CURVE- 41m SINGLE, 50m (LOSE COUPLED	BUFFERS- HYDRAULIC 457 DIA HEADS
GEN. ARRGT. DRG. NO B1. AD - 86 008 94	WHEELS- 952 DIA
	JOURNALS- 140 DIA ROLLER BEARINGS

**ISSUE** 1

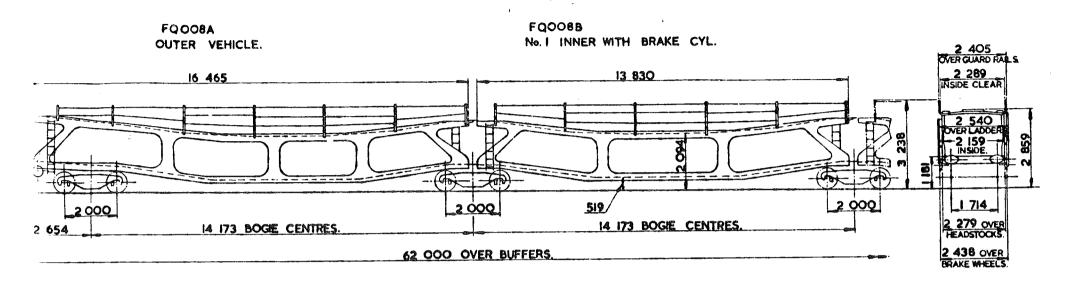
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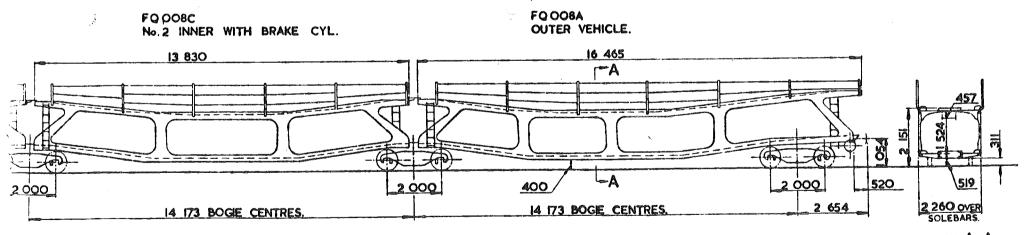
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FP006B

#### ARTICULATED CAR TRANSPORTER

FQOO8A





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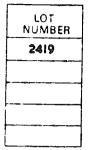
SECTION A-A.

ISSUE I.

EX. B.R. DIAGRAM 4/821.

TRANSFORMER WAGON.

#### FROO5A

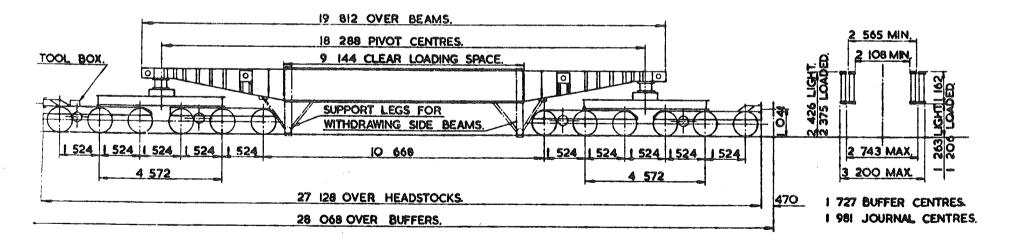


-- - -

EXCESS 24	Н	M	L	Ε
tonnes	208	157	107	73
<u> </u>				
AS	0	0	0	0
MAX. SPEED	15	15	20	35

2.1

TOPS CODE			
CARKND	AARKND	OPERATING PANEL No	
FRØ	FRØL	7 1 3 2	



TARE	73700kg.		
CARRYING CAPA	CITY-137000kg.		
CAPACITY-			
MAX. SPEED	35mile/h EMPTY		
WHEELS -	914 DIA.		
JOURNALS-	305 x 184 PLAIN BEARINGS.		

BUFFERS -	SELF CONTAINED 330 DIA, HEADS.	7 SIDE BEAMS DETACHABLE & ADJUSTABLE - FROM 2108 MIN. TO 2743 MAX. BETWEEN
COUPLINGS -	SCREW.	BEAMS N 127 REDUCTIONS OF 63.5 EACH SIDE
MIN. CURVE-	3lm.	CROSS TRAVERSING GEAR TO GIVE MAX.
GEN. ARRGT. DRG. No.	-DE/1630.	TRAVERSE OF 305 ON EITHER SIDE OF &
BRAKE -	HAND SCREW	WHEN REQUIRED. FOR LOADING CONDITIONS SEE
SUSPENSION -	EYEBOLT.	]DRG. No. DE /76555.

EX. B.R. SPECIAL DIAGRAM 2/470.

FREIGHTLINER INNER VEHICLE

#### LOT EXCESS 10 H Е TOPS CODE Μ L NUMBER OPERATING ~ 82 72 36 20 tonnes CARKND AARKND PART 3676 PANEL NO ¥₿ FUAFUAF 7 011 3689 54 40 21 8 AB 3691 5 2 1 1 RA MAX. SPEED 3712 55 75 75 75 2 362 OVER ISO BRACKETS 2 108 OVER HEADSTOCKS \_ 11 1016 100 2 000 2 000 1 981 JOURNAL 2 515 14 020 BOGIE CENTRES 2 515 CENTRES 19 050 OVER HEADSTOCKS 2 419 OVERALL ÷ <u>\_\_\_</u> ---279 -279 -279 --279 --279 2 788 3 067 3 067 3 067 3 067 3 067 463---LOCATION CENTRES 463 **LSO CONTAINERS** TARE 19700 kg BUFFERS -CARRYING CAPACITY- 62000 kg. COUPLINGS - BAR COUPLER CAPACITY-MIN. CURVE - 71m GEN. ARRGT. DRG. No. -- F-S-2403, F-S-581 MAX. SPEED 75 mile /h BRAKE -- AIR DISC & HAND SCREW WHEELS 812 DIA JOURNALS 124 DIA ROLLER BEARINGS SUSPENSION - SECONDARY COIL

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... Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

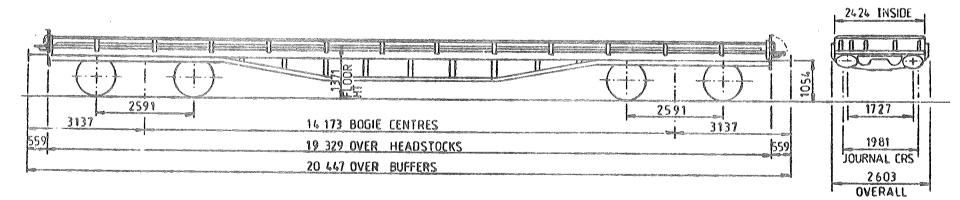
EX BR DIAGRAM 1/124

FU001A

#### FV003V

#### CARFLAT WAGON

LOT NUMBER		TOPS INFORMATION							
3715 3758	AARKND OPERATING	OPERATING SFEED	BRAKE FORCE DATA	EXCESS					
a na sana a sa a sa a sa a sa a sa a sa	CARKNDPANELN9.FVXMO2OO	mile/ II - MDGAC -	12 + BRAKED TO TARE (AIR & VAC)	LENGTH 12					



and provide a second	and a state of the second s	
TARE -	23 400	Kg
CAPACITY, WEIGHT -	10 000	Kq
CAPACITY, VOLUME -		nen an
MIN. CURVE -	61m	ale Carlo Consecution and a second
GEN. ARRGI. DRG. N	3 <sup>° a</sup>	
	SW/ SW	1271

BRAK	2 5 - 12 15	AIR	B VAC	UUM	BLOCK	( <sub>e</sub>	HAND	LEV	ER	
SUSPE	INSI	0N -	EYE	BOLI	) 	a for the second				
COUPL	ING	S -	BUCK	EYE		-		Ph <u>elo</u> paradone (199	12 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C	
Buffe	RS -	RETA	RACIA	BLE,	SPIND	.e ss	i9¤ 336	OVAL	HEAL	DS
WHEEL	.s -		1067	DIA			and the second secon	ti Çirtiyanı aradır.	****	
	on an	ann canada ann an a	200	A A (2) (2)	LAIN	in a c				Concernance of the local data

ISSUE 1

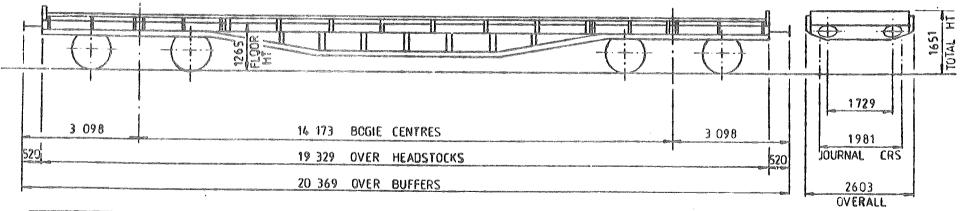
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Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

#### CARFLAT WAGON

#### FV003X

LOT NUMBER		TOPS INFORMATION									
3679	AARKND OPERATING	OPERATING	Company and a company of the second	BRAKE	FORCE DATA	EXCESS					
	CARKND PANEL N9.	90 mile/h UP TO	Dagage Club		an a	LENGTH					
	FVXM0280	-mite/h-ABOVE-		126 BRAKED TO	TARE (AIR & VAC)	12					



TARE -	23	000	Kg
CAPACITY, WEIGHT	- 10	000	l Kg
CAPACITY, VOLUME	er er		ของแขตรัฐไปแห่งรู้ได้ไปไปแบบพระชื่อรังหรือ รังได้ผู้ผู้ให้มีพัฒนา และมีไหม่ได้มายังรู้ไม่มีครั้งสายหลายแห่งเป็
MIN. CURVE -	61	៣	wa na manana na filonga ila mangkana na kananana ila afili atau na filongan sa kanana na falangkan sa kanangka
GEN. ARRGT. DRG.	Nº.		S - 7503

BRAKE	- AIR 8	VACUUM	BLOCK.	HAND	LEVER.	
SUSPE	VSION -	EYEBO	LT		Şanaranan suğur - dağışanı in yerin	
COUPLI	NGS-	BUCKEN	Έ		889-0-274 (0000000000000-000-000-000-000-000-000-	and an Excertification of the second
BUFFEF	rs -retr	ACTABLE	, SPINDI	.E 559×3	356 OVAL	HEADS
WHEEL	5 - 10	57 DIA		99/00000000000000000000000000000000000	and an and an	
JOURN/	NLS - 22	3 = 111	LAIN 8	EARINGS	)	

ISSUE 1

EX. BR. DIAGRAM

189

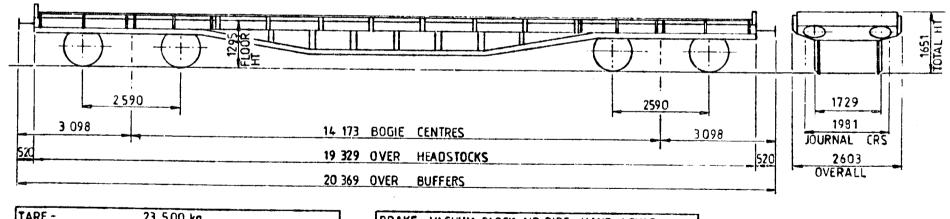
(

#### FV003Z

## 33.5 + GLW CARFLAT WGN

W1289

LOT NUMBER									
LOT NUMBER	1	TOPS INFORMATION							
3831	AARKND	OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS				
	Contraction of the second seco	PANEL Nº	75 mile/h UP TO 34 tonne GLW		LENGTH				
	FVWD	6 1 1 4	mite/h_ABOVE_J4 tomle GLW	111 BRAKED TO TARE	12				



CAPACITY, WEIGHT	7 - 10 000 kg	
CAPACITY, VOLUME		▋₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩
MIN. CURVE -	61 m	
GEN. ARRGT. DRG	. № F·S·7503	F·A1·7418

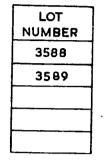
BRAKE - VACUUM BLOCK, AIR PIPE, HAND LEVER_	1	
SUSPENSION - PRIMARY COIL	1	
COUPLINGS- BR SCREW	1	
BUFFERS - SPINDLE 559 + 356 OVAL HEADS	1	
WHEELS - 1067 DIA	1	
JOURNALS - 228 +111 PLAIN BEARINGS	ISSUE	1

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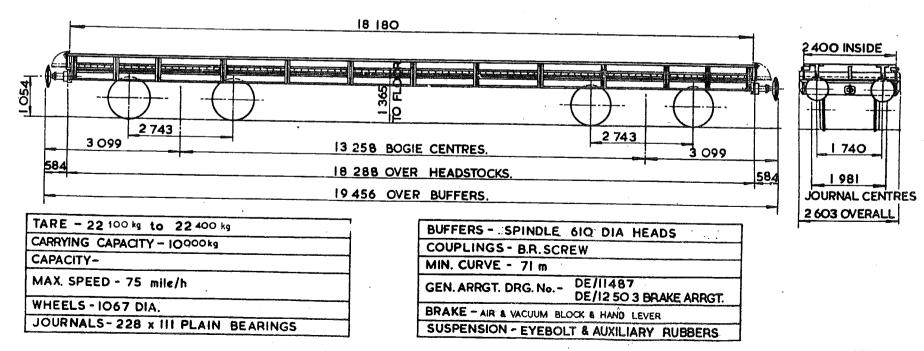
#### CARFLAT WAGON

#### **FVOIOB**



EXCESS				r
EXCESS LENGTH I	Η	Μ	L	E
tonnes	31	29	25	22
VB	11	11		11
AB	H	11	11	11
RA	1	-	I	1.
MAX. SPEED	75	75	75	75

TOPS CODE								
CARKND	AARKND		OPERATING PANEL No.					
FVX	F	V	X	D		1	8	5



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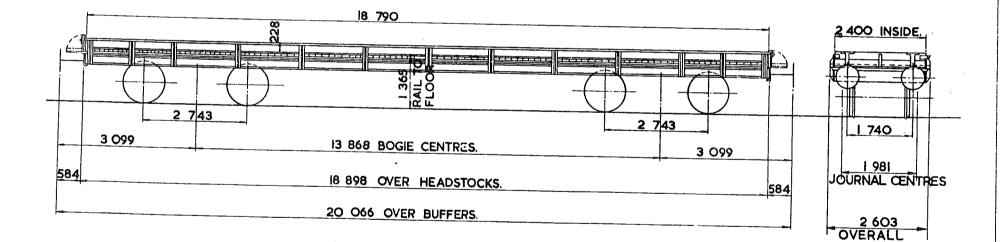
ISSUE 2... EX B.R. DIAGRAMI/132 CARFLAT WAGON

### **FVOIIB**

LOT NUMBER
PART 3533
PART 3553
3562 3554
PART 3563
PART 3532
PART 3534
PART 3535

EXCESS LENGTH 12	Н	Μ	L	E
tonnes	32	30	26	23
VB	11	11	11	
AB	H.	11	11	11
RA	1	1	1	1
MAX. SPEED	75	75	75	75

1	TOPS CODE						
CARKND	CARKND AARKND						
FVX	FVXD	2 5 3					



TARE -- 23 700 kg. CARRYING CAPACITY -- 10 000 kg. CAPACITY-MAX. SPEED -- 75 mile/h.

WHEELS - I O67 DIA. JOURNALS - 228 x III PLAIN BEARINGS

BUFFERS - SPINDLE . 610	DIA. HEA	NDS :	
COUPLINGS - B.R. SCREW			······
MIN. CURVE -71m			
GEN. ARRGT. DRG. No DE	11487 B.		
BRAKE - AIR & VACUUM	BLOCK & H	AND L	EVER
SUSPENSION -EYEBOLT.	·		

issue 2

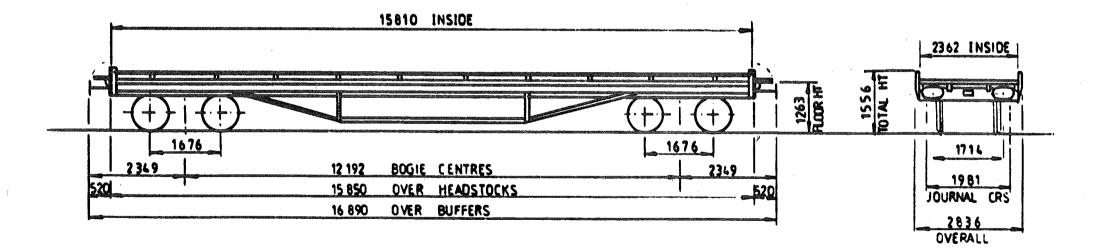
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EX. B.R. DIAGRAM 1/129 (ALLOCATED)

## BOFLAT WAGON

# FW001B

LOT NUMBER	TOPS INFORMATION							
3229 3240	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA			
	CARKND PANEL NO.	60 mile/h UP TO 60 Access City		LENGTH	(GLW)			
	F W W B	-mite/h ABOVE 58 tonne GLW	12+ BRAKED TO TARE	7	3			



TARE	•			1	6 (	)00	kg					CONTRACTOR OF CONTRACTOR	
CAPA	CITY,	WE	IGHT	- 4	14	00	hq						
CAPA	CITY,	VO	LUME	•	Detaratio								
MIN.	CURV	6 -	in an	2	2	M	(here a strange of the strange of the						
GEN.	ARRG	۲.	DRG.	N9.	9		SW/I	36	/ 35	59	5		96263397999
						1	••5•	18	284	\$			

BRAKE - V	CUUM BLOCK, AIR PIPE, HAND SCREW
SUSPENSION	I- SECONDARY COIL
COUPLINGS	· INSTANTER
BUFFERS -	HYDRAULIC 610 = 356 OVAL HEADS
WHEELS -	952 DIA
JOURNALS -	124 DIA ROLLER BEARINGS

ISSUE 2

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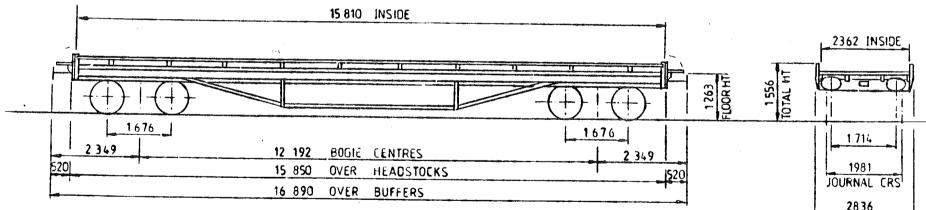
EX. BR. DIAGRAM 492

## 59 GLW BOFLAT WAGON

## FW002A

LOT	NUMBER				

1			TOPS INFORMATIO	DN	
1	AARKND	OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS
			60 mile/h UP TO	· · · · · · · · · · · · · · · · · · ·	LENGTH
J	FWWB	6058	mile/h ABOVE 59 tonne GLW	12 + BRAKED TO TARE	7



2836 OVERALL

16 000 kg
42 400 kg
22 m
SW/DE/35595
F-S-18284

BRAKE - VACUU	M BLOCK, AIR PIPE , HAND SCREW
SUSPENSION -	SECONDARY COIL
COUPLINGS-	INSTANTER
BUFFERS -	HYDRAULIC 610 × 356 OVAL HEADS
WHEELS -	952 DIA
JOURNALS -	124 DIA ROLLER BEARINGS

ISSUE 1

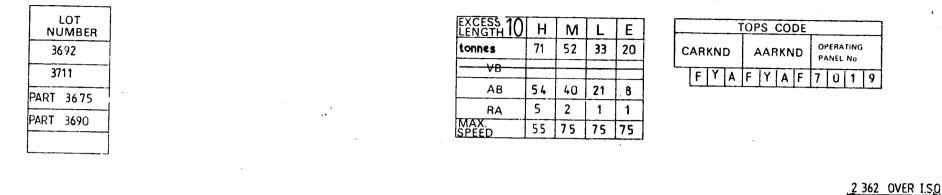
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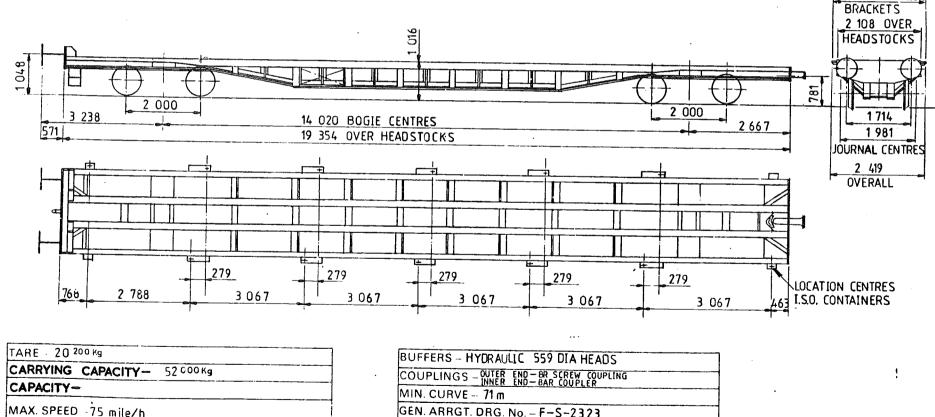
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EX. BR. DIAGRAM 492

FREIGHTLINER OUTER VEHICLE

## FY001A





WHEELS - 812 DIA.

JOURNALS 124 DIA. ROLLER BEARING

BUFFERS - HYDRAULIC 559 DIA HEADS	
COUPLINGS - OUTER END - BR SCREW COUPLING	
MIN. CURVE 71 m	
GEN. ARRGT. DRG. No. – F-S-2323	
BRAKE - AIR DISC & HAND SCREW	
SUSPENSION - PRIMARY COIL	

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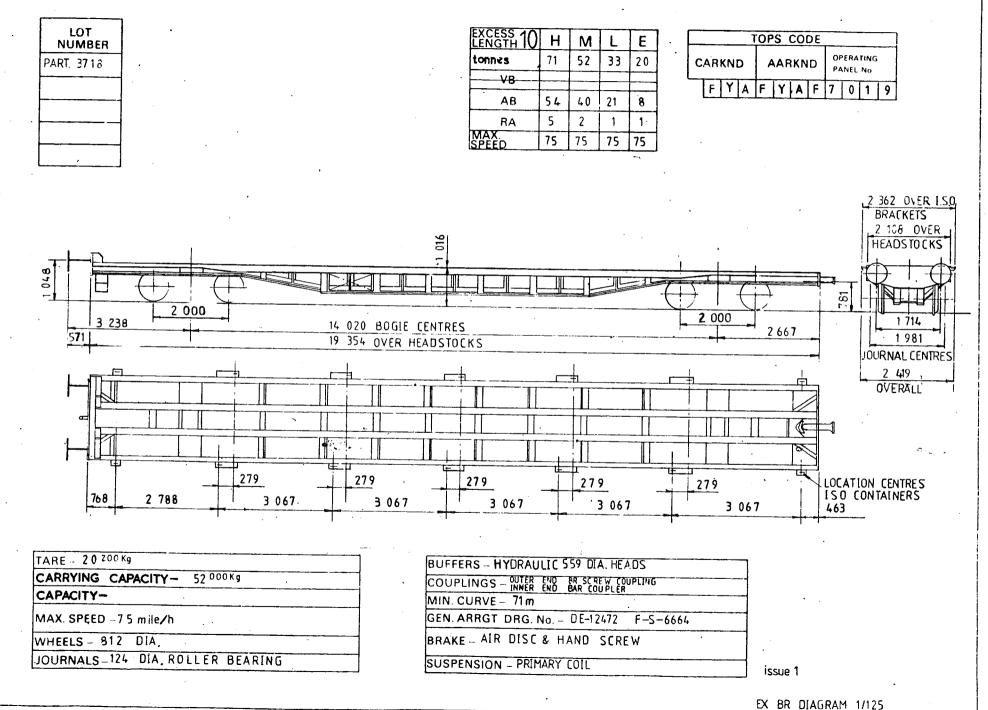
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EX BR DIAGRAM 1/123

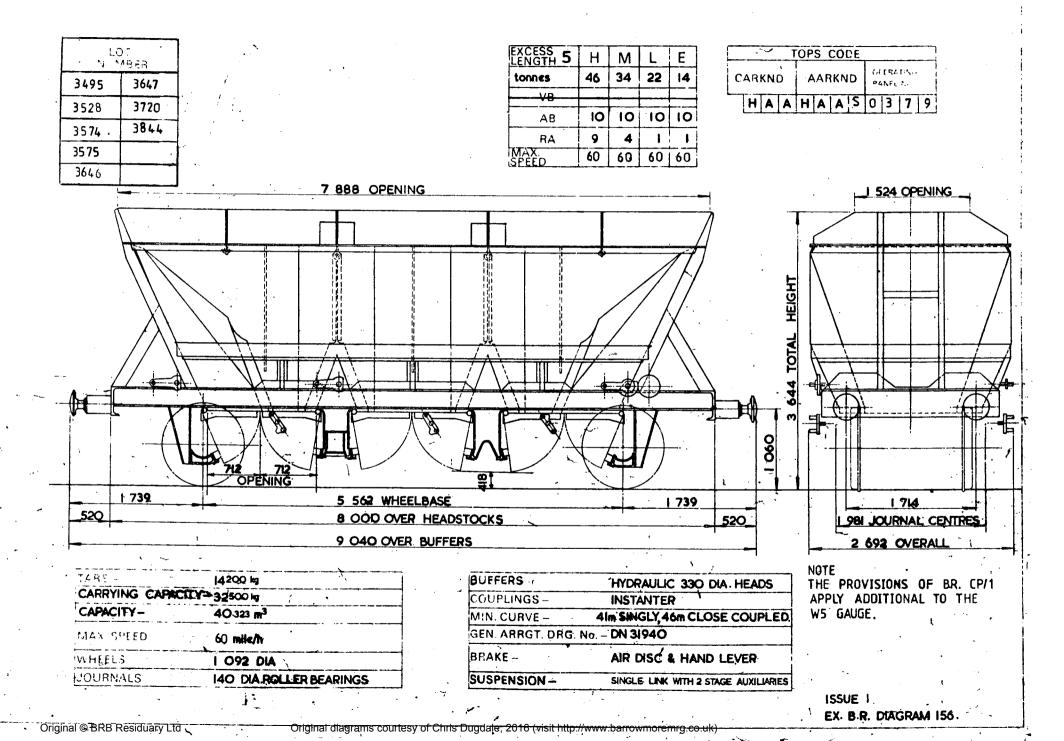
issue I

FREIGHTLINER OUTER VEHICLE

## FY001B



#### HAOOLC



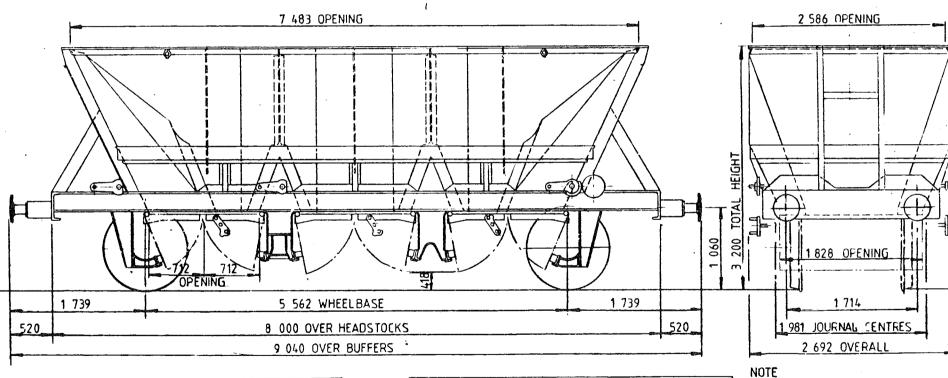
47 tonne G.L.W. HOPPER COAL WAGON

#### LOT NUMBERS. 3699 3720 PART 3887 3556 3686 3495 3864 3751 3788 3815 3844 PART 3574 3869 3882 PART 3528 3978 3984 PART 3575 PART 3646 PART 3670 PART 3647

EXCESS 5	Н	Μ	L	Ε
tonnes	42	34	22	14
V8				
AB	10	10	10	10
RA	7	4	1	1
MAX. SPEED	60	60	60	60

			T	OP	S	CO	DE				
C	CAR	KNI	D	Δ	AF	RKND OPERATING					
L	Н	Α	Α	н	A	Α	T		3	8	1

HAOO2F



TARE -	14 500 kg
CARRYING CAPAC	ITY - 32 500 kg
CAPACITY -	32.734 m <sup>3</sup>
MAX SPEED	60 mile/h
WHEELS	1 092 DIA
JOURNALS -	512 OR 140 DIA ROLLER BEARINGS

BUFFERS	HYDRAULIC 330 DIA HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	41 m
GEN ARRGT. DRG	No. – DN 31940
BRAKE -	AIR DISC & HAND LEVER
SUSPENSION -	SINGLE LINK WITH 2 STAGE AUXILIARIES

issue 2.

THE PROVISIONS OF B.R. CP/1 APPLY ADDITIONAL TO THE W5 GAUGE

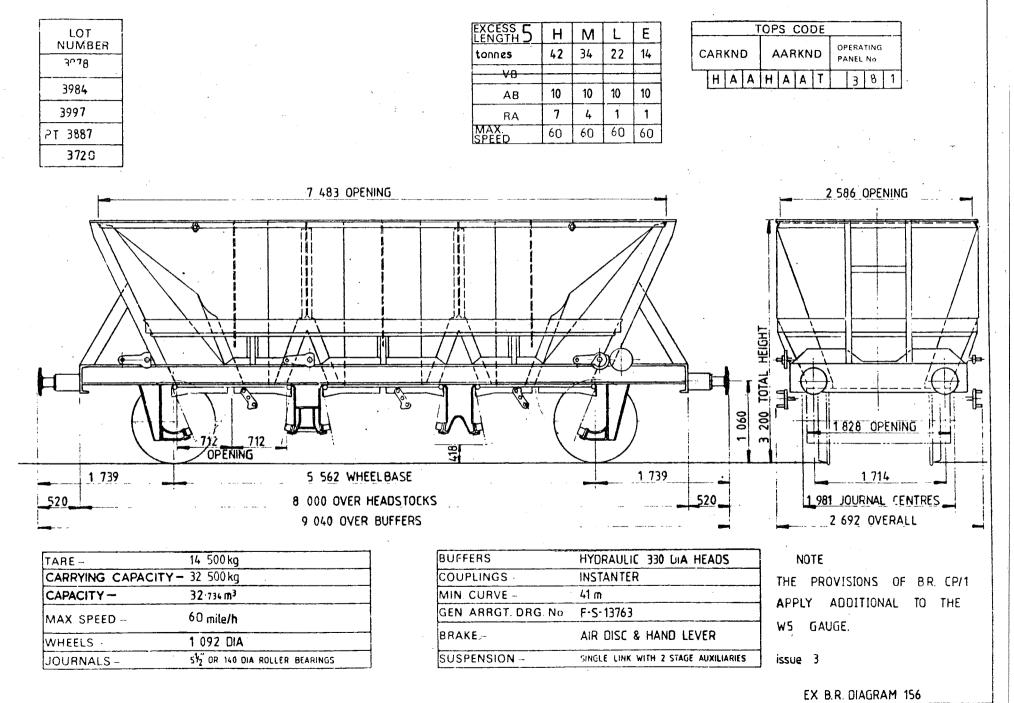
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EX B.R. DIAGRAM 156

47 tonne G.L.W. HOPPER COAL WAGON

HAOO2H



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47 tonne G.L.W. HOPPER COAL WAGON

## HAOO2K

LOT NU	MBERS		EXC	NGTH 5 H	M	L	E	TOPS CODE
PT 3528	PT 3670		tor	nes 42	34	22	14	CARKND AARKND PANEL NG
PT 3558	PT 3688			AB 10	10	10	10	H A A H A A V 3 8 1
PT 3574	PT 3699	•		RA 7	4	1	1	
PT 3646	PT 3720		MA SPI	EED 60	60	60	60	
PT 3647	PT 3751		•					
PT 3864		7 4 9 7 005						
	· · · · · ·	7 483 OPE	NINU					2 586 OPENING
							+	
1 739	(1997)	5 562 WHE			- <u>6</u> 22-122	2	1 739	1 714
20		-8 000 OVER 1	HEADSTOCKS					520 1 981 JOURNAL CENTRES

TARE -	14 500 kg
CARRYING CAPACITY	7 – 32 500 kg
CAPACITY-	32·734 m <sup>3</sup>
MAX SPEED	60 mile/h
WHEELS -	1 092 DIA
JOURNALS -	542 OR 140 DIA ROLLER BEARINGS

HYDRAULIC 330 DIA HEADS
INSTANTER
41 m
0. – F·S·13763
AIR DISC & HAND LEVER
SINGLE LINK WITH 2 STAGE AUXILIARIES
,

#### NOTE

THE PROVISIONS OF B.R. CP/1 APPLY ADDITIONAL TO THE W5 GAUGE.

issue 2

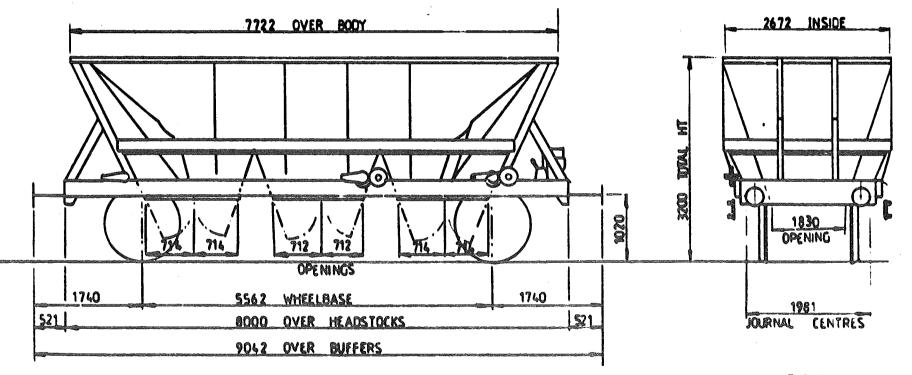
EX BR DIAGRAM 156 (HAOC2A REBODIED)

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## HD001A

W686

LOT NUMBER	TOPS INFORMATION	
4008		XCESS
		ENGTH
	HDAU 47 tonne GLW 20t ebove 34t GLW	5



TARE -		1	4250	kg (a	(lavt:	
CAPACI	TY, WEIGHT	'• <u>}</u>	2 750	kg		
CAPACI	TY. VOLUME	; • ]	2.7	₽ <b>₽</b>		
MIN. C	URVE -	3	1 m			
GEN. A	RRG1. DRG	. N8	61.	AQ • 90	03833	1

0	R	A	K		•	A		R	ſ	)IS	٢,	Motor	М	A	VD		16	V	ER	(L'oriente)			80100000		
S	U	SI	P٤	R	ISI	10	IN	9	S	INC	ile	L	IN	K	W1	rh	3	٧	<b>. DC</b>	n.I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AD	N.	STP	4°7
C	0	U	PL	11	NC	55	) •	1	ns	PA	NTE	R						to Barro		and the second			1972 - 2010		
0	U	FI	FE	R	5.	3	۱	11	106	AL	ILIC			3	30		01	A	Н	EA	D.	5			
V	11	E	El	\$	) •		1	0	92		C1A	١				0/10/10/10			NT COLOR	to Percentes	-				
J	0	U	R	A	٤.	5	8	٩	40	D	IA	R	01	16	R	84	E AJ	RI	NG	5					

THE PROVISION OF BR CP/1 APPLY ADDITIONAL TO THE WS GAUGE

ISSUE 2

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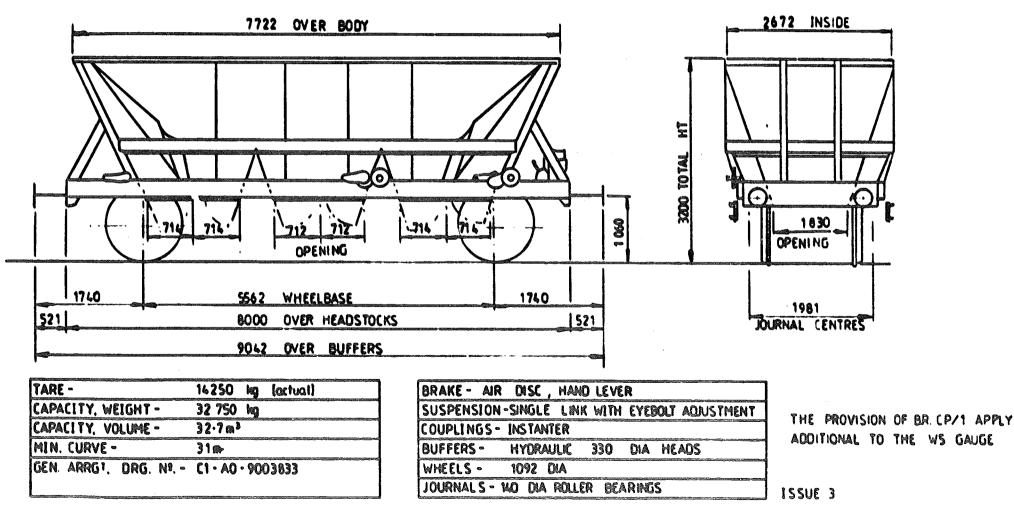
EX. BR. DIAGRAM

## HD001B

W1028

LOT NUMBER TOPS INFORMATION	
4008 AARKND OPERATING OPERATING SPEED BRAKE FORCE DATA	EXCESS
CARKND PANEL NO 60 mile/h UP TO	LENGTH
HDAU 47 tonne GLW 20t above 34 t GLW	5

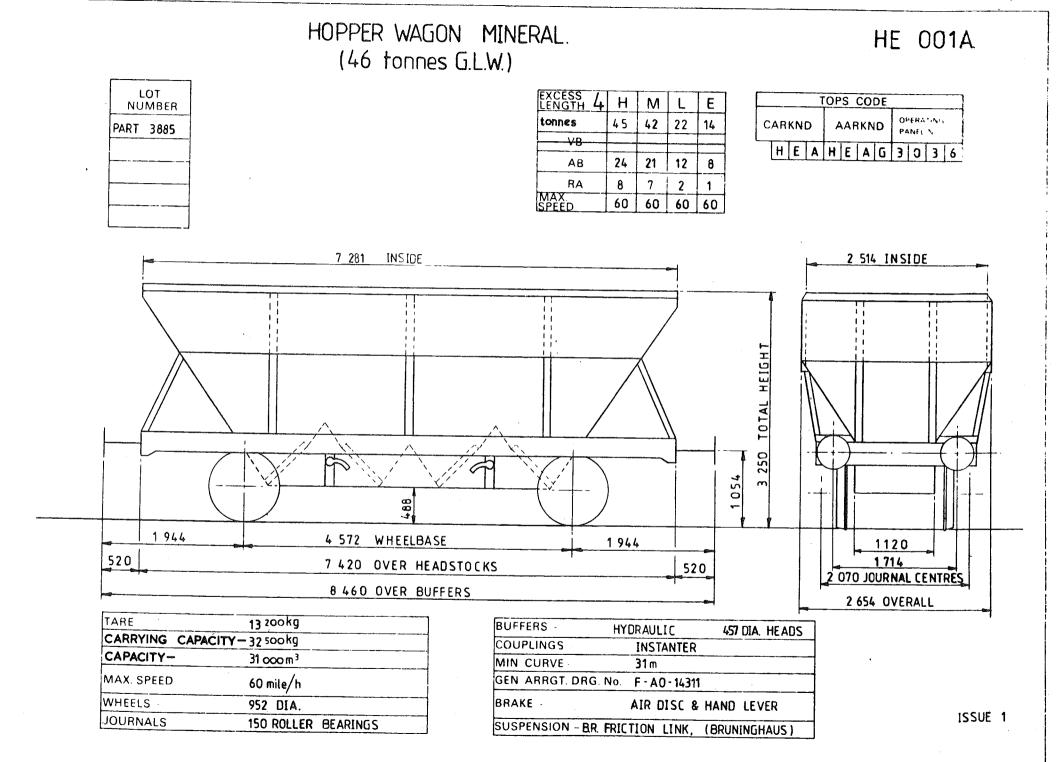
G/P CHANGEOVER DISCONNECTED PERMANENTLY IN "GOODS" MODE



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EX. BR. DIAGRAM

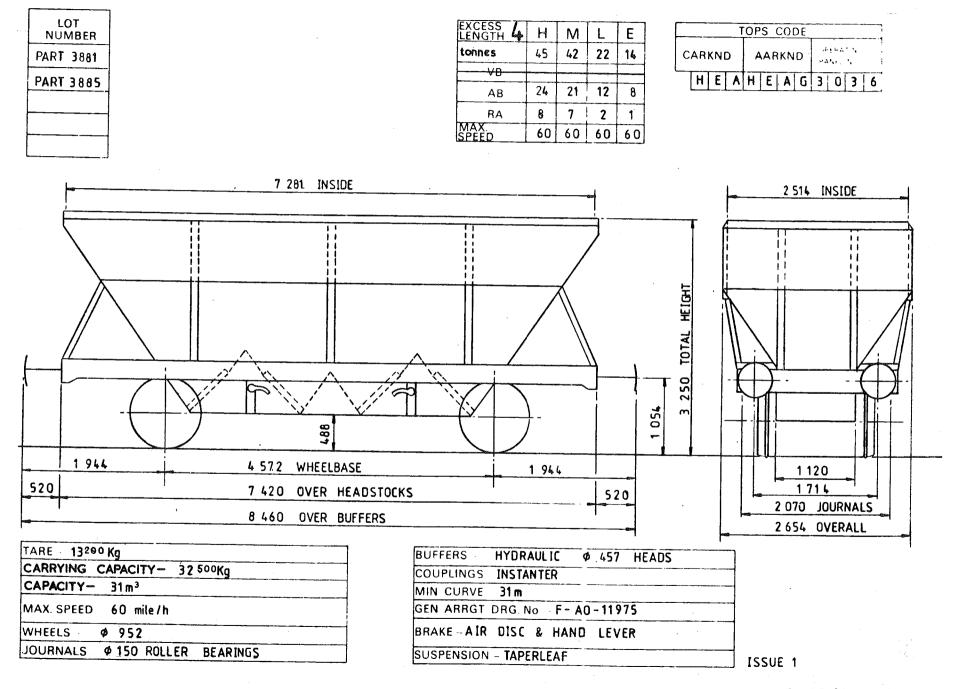


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EX. BR DIAGRAM 140 (ALLOCATED)

46 tonne G.L.W. HOPPER MINERAL WAGON

## HE001C



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EX. BR DIAG 140

## HE 001D.

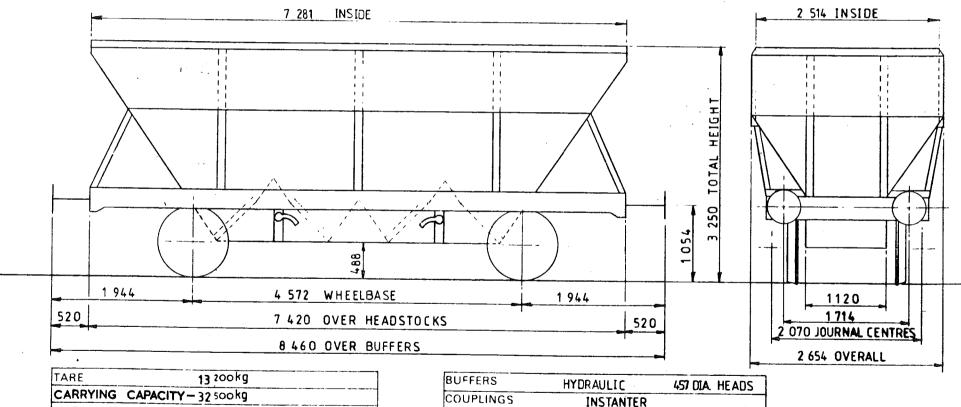
# HOPPER WAGON-COAL (46 tonnes G.L.W.)

W1123

_	ÓT MBER
PART	3885
	,

EXCESS 4	Н	M	L	E
tonnes	45	42	22 <sup>·</sup>	14
<del>~~~∀₿</del>				
AB	24	21	12	8
RA	8	7	2	1
MAX. SPEED	60	60	60	60

	1	OP	S (	CO	DE	
CARKN	D	A	AR	KN	D	OPEHAT NG PANÉS N
ΗE	A	н	Ε	A	G	3 0 3 6



G/P DISCONNEC	TED	
PERMANENTLY	IN 'GOODS"	POSn

ISSUE 1

CARRYINGCAPACITY - 32 sookgCAPACITY -31 000 m³MAX.SPEED60 mile/hWHEELS952 DIA.JOURNALS150 ROLLER BEARINGS

BRAKE AIR DISC & HAND LEVER INGS SUSPENSION BR. FRICTION LINK, (BRUNINGHAUS)

MIN CURVE

31 m

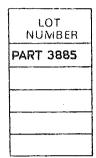
GEN ARRGT DRG No. F-A0-14311

Original © BRB Residuary Ltd-----

EX. BR. DIAGRAM 140 (ALLOCATED)

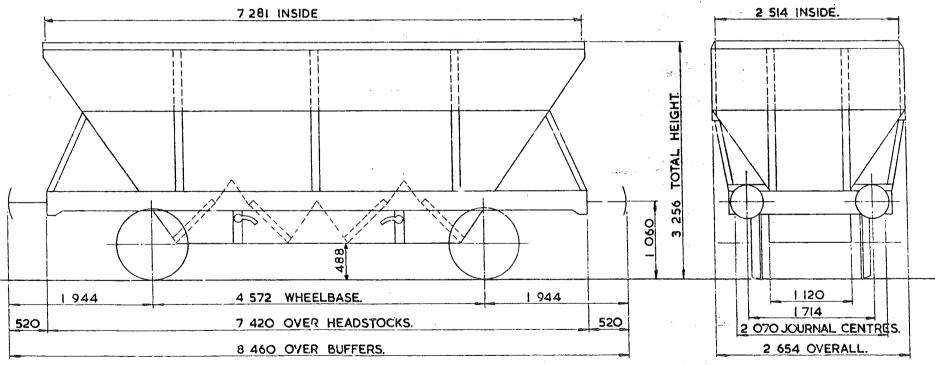
46 tonnes G.L.W. HOPPER-MINERAL

#### HEOO2A



EXCESS 4	Н	М	L	Ε
tonnes	47	37	23	13
AB	24	21	12	8
RA	10	7	3	1
MAX.	60	60	60	60

ſ	TOPS CODE											
	CARKND					AR	KN	D		HRA NEL	TING No	
		Н	E	A	н	ε	A	G	3	0	2	7



TARE-	13000kg.
CARRYING CAPAC	CIT'- 33000kg
CAPACITY-	31.000m <sup>3</sup> .
MAX. SFEED -	60 mile/h.
WHEELS -	952 DIA,
JOURNALS-	150 DIA, ROLLER BEARINGS.

BUFFERS -	HYDRAULIC 475 DIA. HEADS								
COUPLINGS -	INSTANTER.								
MIN. CURVE -	31m.								
GEN. ARRGT. DRG.	No F-AO-15840.								
BRAKE -	AIR DISC & HAND LEVER.								
SUSPENSION	GLOUCESTER PEDESTAL.								

#### NOTE. SUSPENSION CAPABLE OF 51t G.L.W. CARRYING CAPACITY REDUCED TO BRING INTO LINE WITH HEA FLEET.

ISSUE 2.

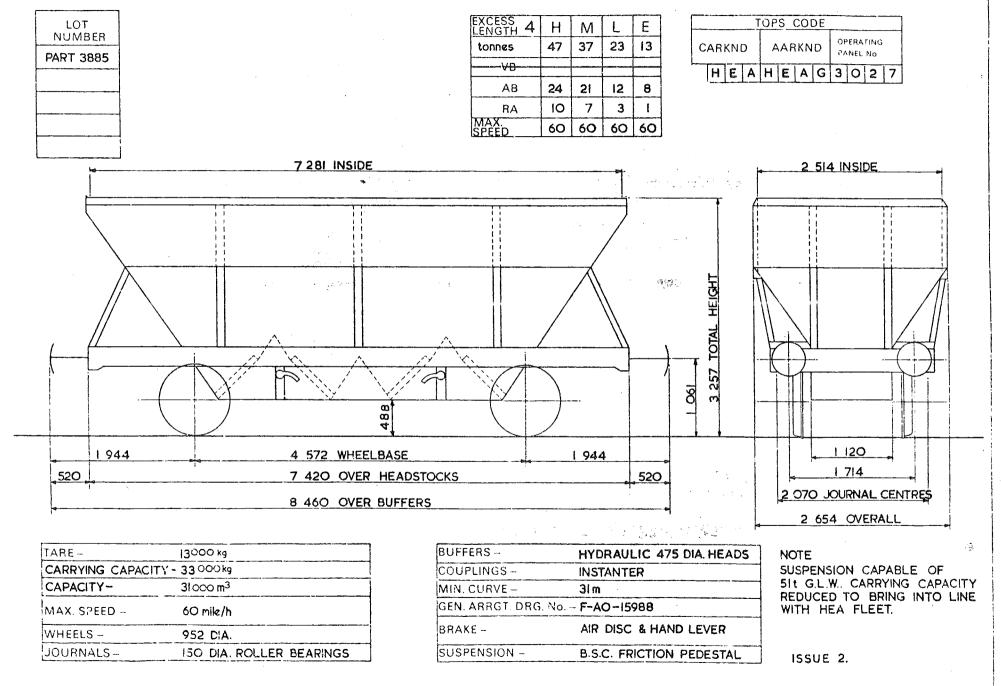
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EX B.R. DIAGRAM 140 (ALLOCATED)

46 tonnes G.L.W. HOPPER MINERAL

#### HEOO2B

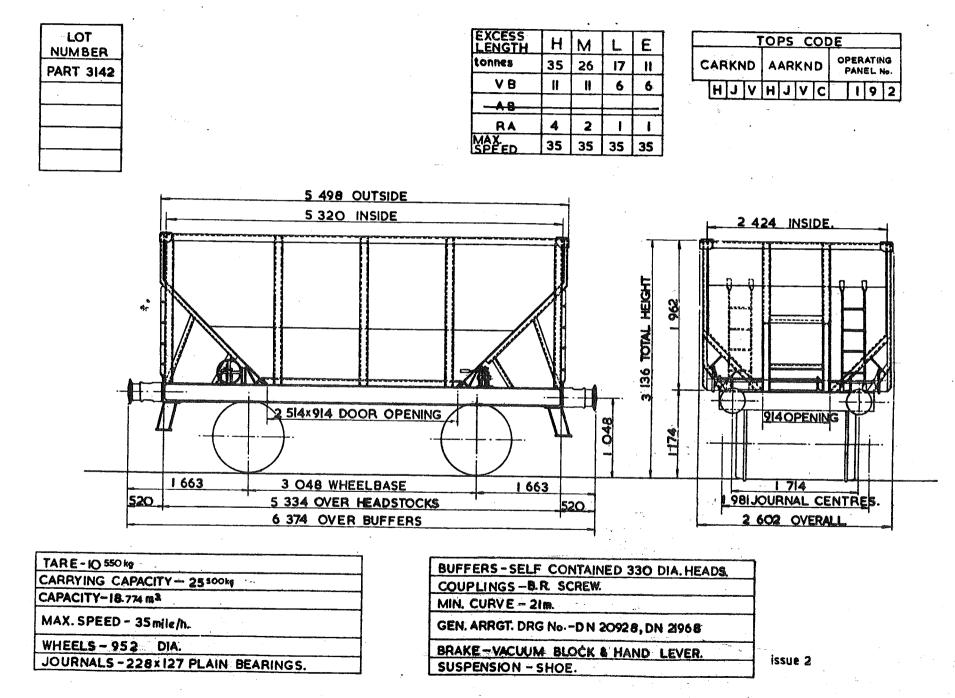


- Original © BRB Residuary Ltd - -

-- Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)---

EX. B.R. DIAGRAM 140 (ALLOCATED)

#### HJOO2A

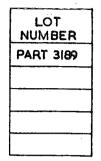


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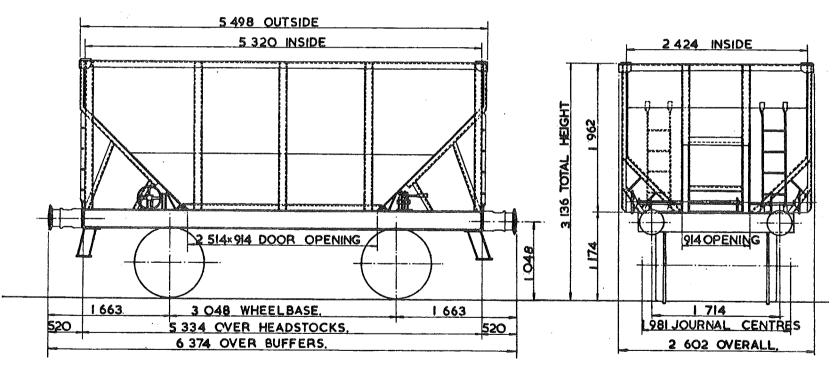
EX.B.R.DIAGRAM 165

#### HJ002B



EXCESS LENGTH	Н	М	L	Ε
tonnes	35	26	17	11
V B	11	11	6	6
<u> </u>				
RA	4	2	1	1
MAX. SPEED	35	35	35	35

	TOPS CODE												
CARKND AARKND OPERATING									-				
	Η	J	۷	Н	J	۷	С		1	9	2		



TARE - 9450kg CARRYING CAPACITY - 25 000kg CAPACITY - 18.774 m<sup>3</sup> MAX. SPEED - 35 mile/h. WHEELS - 952 DIA. JOURNALS - 124 DIA. ROLLER BEARINGS.

BUFFERS-SELF CONTAINED 330 DIA. HEADS
COUPLINGS -B.R. SCREW.
MIN. CURVE-21 m.
GEN. ARRGT, DRG. No. DN 20928, DN 20965
BRAKE-VACUUM BLOCK & HAND LEVER.
SUSPENSION- SHOE,

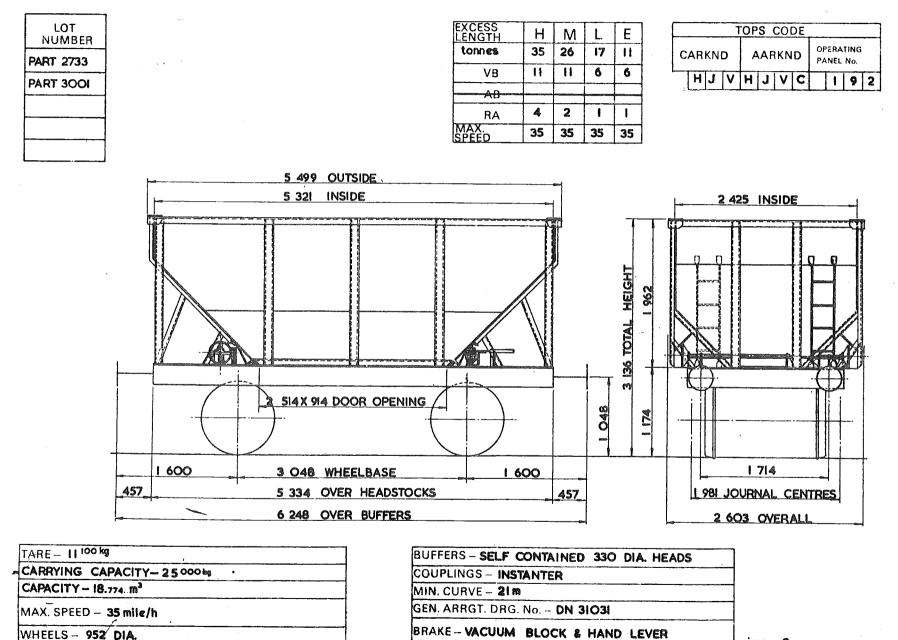
issue 2

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EX.B.R. DIAGRAM 166

HJOO2D



WHEELS - 952 DIA.

Original © BRB Residuary Ltd

JOURNALS - 124 DIA. ROLLER BEARINGS

Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

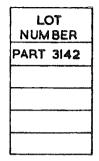
SUSPENSION - SHOE

EX. B.R. DIAGRAM 168

issue 2

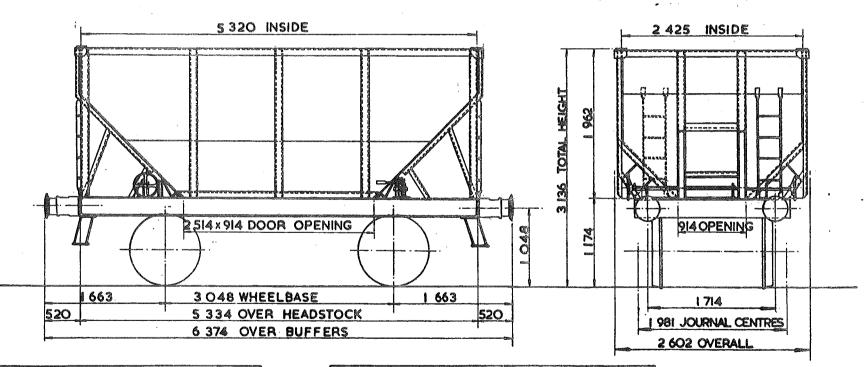
,

HKOO2A



EXCESS LENGTH	Н	Μ	L	E
tonnes	45	32	20	11.
···· V B···+	++-	- ++ -	. 6	6-
RA	84	52	2	1î
MAX. SPEED	35	35	35	35

E	TOPS CODE												
	CAR	K	ÍD.	AARKND				OPERATING PANEL No.					
<b>€</b> 66730	Н	K	4	M	Ŕ		•		1	9	8		



 TARE - 10600kg

 CARRYING CAPACITY -- 34000.kg

 CAPACITY - 18.774m<sup>3</sup>

 MAX. SPEED - 35mHe/h.

 WHEELS - 952
 DIA.

JOURNALS - 542 DIA ROLLER BEARINGS.

BUFFERS-SELF CONTAINED 330 DIA. HEADS
COUPLINGS - B.R. SCREW
MIN. CURVE - 21m
GEN. ARRGT. DRG No DN 20928, DN 21968.
BRAKE - VACUUM BLOCK & HAND LEVER
SUSPENSION - SHOE.

issue 2

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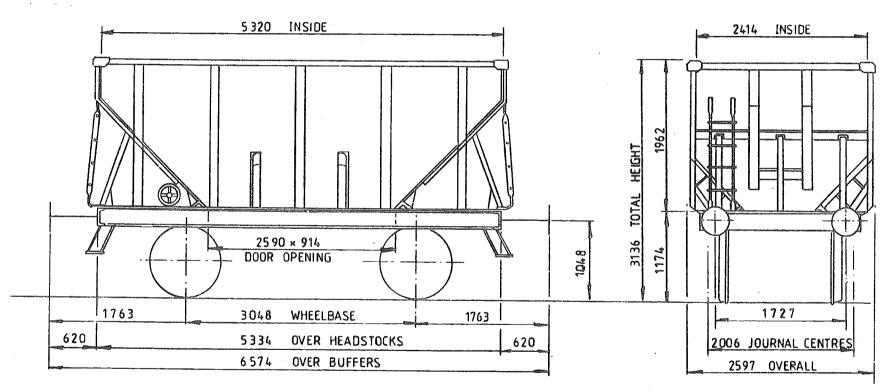
EX.B.R. DIAGRAM 165

## HK003B



EXCESS	Н	M	L	Ε
tonnes	45	32	20	12
VB	15	15	6	6
AB	-			
RA	8	5	2	1
MAX. SPEED	35	35	35	35

	1	OPS CODE	
	CARKND	AARKND	OPERATING PANEL No
,	ΗКV	ΗЈΚ∨	0 1 9 4



TARE –	11550 kg		
CARRYING	CAPACITY-	34 000	g
CAPACITY	— 18 · 776 m <sup>3</sup>		
MAX: SPEE	D - 35 mile/h		
WHEELS -	952 DIA		
JOURNALS	5-	ROLLER	BEARINS

BUFFERS - SELF	CONTAIN	ED	457 D	A	HEADS
COUPLINGS IN	TERNATIO	)NA	L SCR	E₩	
MIN. CURVE - 21	n				
GEN. ARRGT. DRG	No. – C	)N	21792		· · ·
BRAKE - VACUUM	BLOCK	2	HAND	LE	VER
SUSPENSION -	SHOE				

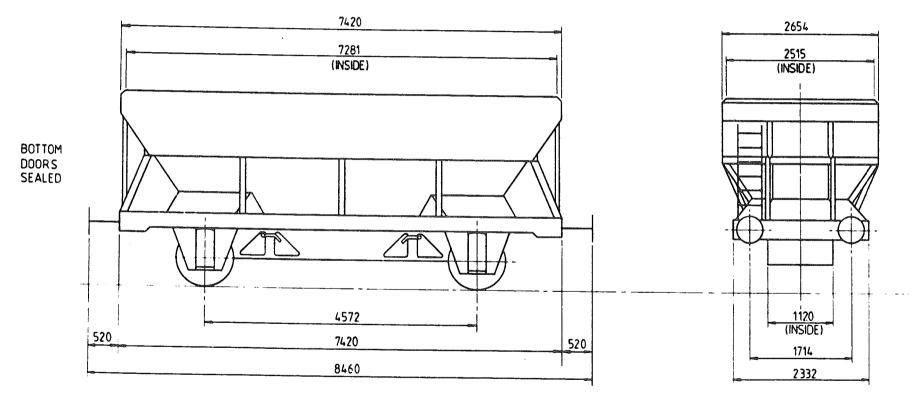
ISSUE 1

EX BR DIAGRAM 167

Original © BRB Residuary Ltd



LOT NUMBER		TOPS	INFORMATION	ann a chlaid dairth Chailteann <u>ann</u>		<u>2.5.1207200012-005434 - 00010000545</u>	
	AARKND OPERATING	OPERATING SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN	
	CARKND PANEL No.	60 mile/h UP TO 46 tonne G	W VARIABLE LOAD:- 0.6+ (0.52 + 1)	LENGTH	(GLW)	SHEET	
		mile/h_ABOVE 46 tunne u		6	9	W1819	



TARE- 180001		BRAKE-	AIR DISC & HAND LEVER
CAPACITY, WEIGHT- 28000	9	a construction of the second	-BR FRICTION LINK
CAPACITY, VOLUME- 31000	3	<b>COUPLINGS-</b>	INSTANTER
MIN. CURVE- 31m		<b>BUFFERS</b> -	HYDRAULIC 457 DIA HEADS
GEN. ARRGT. DRG. NO		WHEELS-	952 DIA.
		JOURNALS-	150 DIA ROLLER BEARINGS

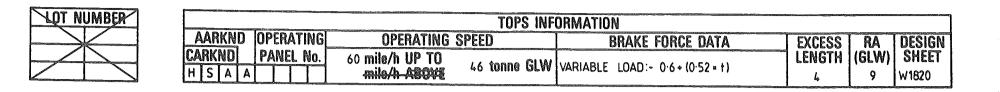
.

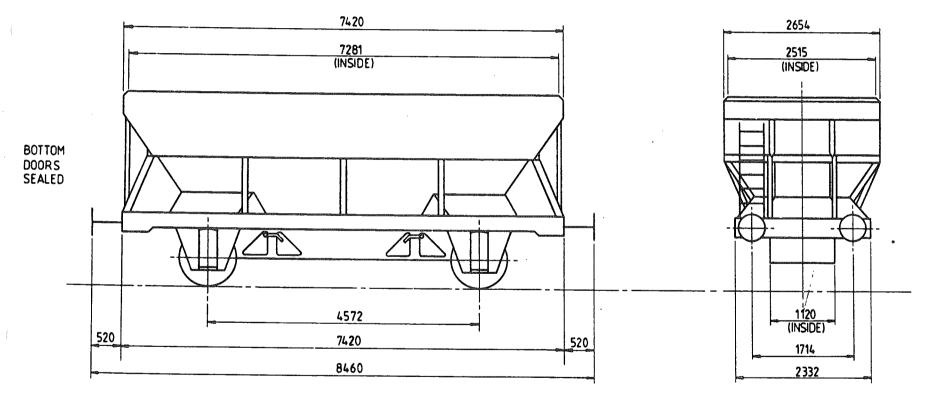
**ISSUE** 1

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.

#### 46t G.L.W. HOPPER





	TARE-	18000 kg
-	CAPACITY, WEIGHT-	28000kg
	CAPACITY, VOLUME-	31000 m <sup>3</sup>
	MIN. CURVE-	31m
	GEN. ARRGT. DRG. NO	

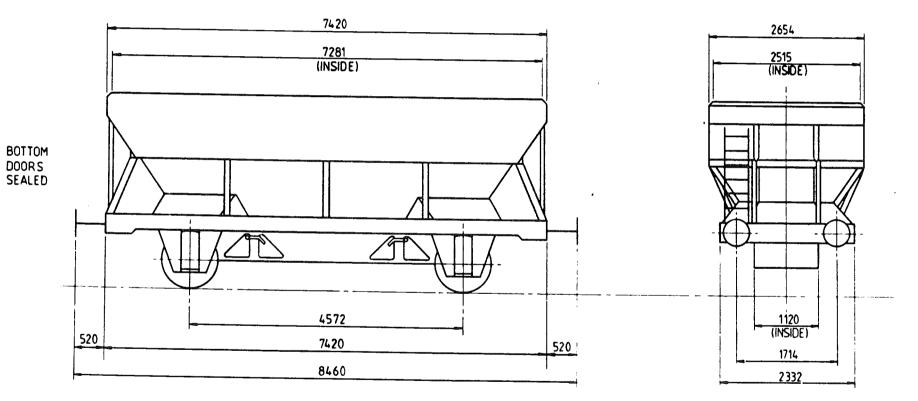
BRAKE-	AIR DISC & HAND LEVER
SUSPENSION	TAPERLEAF
<b>COUPLINGS-</b>	INSTANTER
<b>BUFFERS</b> -	HYDRAULIC 457 DIA . HEADS
WHEELS-	952 DIA.
JOURNALS-	150 DIA. ROLLER BEARINGS

**ISSUE** 1

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LOT NUMBER	TOPS INFORMATION	ви нарини спорту на селоторија			l
	AARKND OPERATING OPERATING SPEED BRAKE FORCE DATA	EXCESS		DESIGN	
	CARKND PANEL No. 60 mile/h UP TO 46 tonne GLW VARIABLE LOAD:- 0.6+(0.52+t)	LENGTH	(GLW)	SHEET	l
	H S A A MICH ABOVE 46 TOTHE GLAV VARIABLE LUAU:- 0.6+ (0.52 * 1)	6	9	W1821	Ì



TARE-	18000kg
CAPACITY, WEIGHT-	28000kg
CAPACITY, VOLUME-	31000 m <sup>®</sup>
MIN. CURVE-	31m

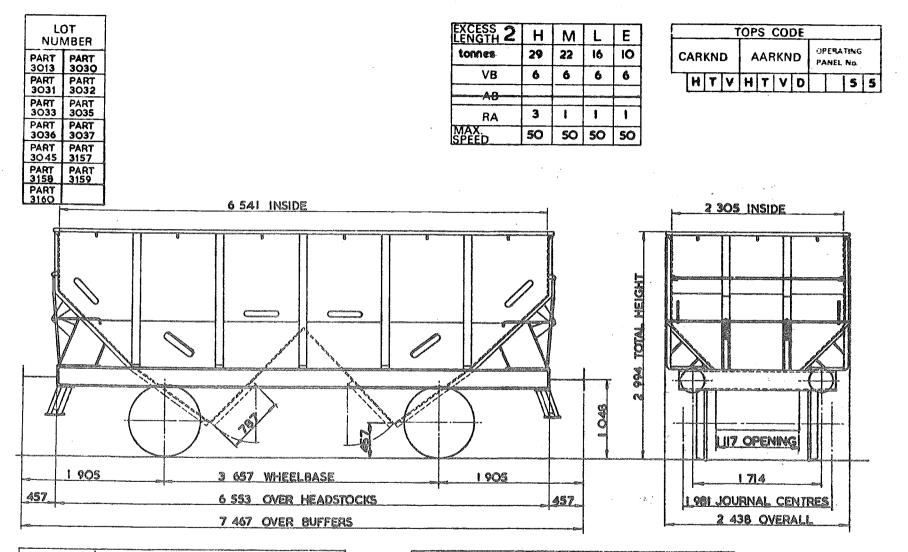
BRAKE-	AIR DISC & HAND LEVER
SUSPENSION	-BR FRICTION LINK
COUPLINGS-	INSTANTER
BUFFERS-	HYDRAULIC 457 DIA HEADS
WHEELS-	952 DIA,
JOURNALS-	150 DIA ROLLER BEARINGS

**ISSUE** 1

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#### HTOO4D

 $\mathcal{A}^{(i)}$ 



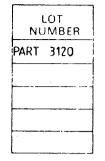
TARE - 9 450 kg CARRYING CAPACITY - 21 500 kg CAPACITY - 23 ras m<sup>3</sup> MAX. SPEED - 50 mile/h WHEELS - 952 DIA.

JOURNALS - 124 DIA. ROLLER BEARINGS

BUFFERS - SPINDLE 330 DIA. HEADS
COUPLINGS - INSTANTER
MIN. CURVE - 26 📾
GEN. ARRGT. DRG. No SW / DN 19678
BRAKE - VACUUM BLOCK & HAND LEVER
SUSPENSION - SHOE

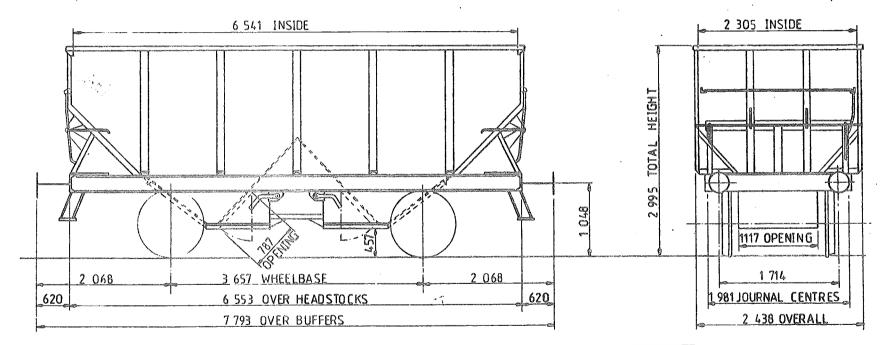
ISSUE 2

## HT006B



EXCESS LENGTH 2	н	M	L	E
tonnes	29	22	16	10
VB	6	6	6	6
<del>A8</del>				<u> </u>
RA	3	1	1	1
MAX SPEED	50	50	50	50

T	OPS CODE	
CARKND	AARKND	OPERATING PANEL No
HTV	HTVD	5 5



TARE 9550 kg CARRYING CAPACITY - 21 500 kg CAPACITY - 23.928 m<sup>3</sup> MAX. SPEED 50 mile/h WHEELS 952 DIA JOURNALS 124 ROLLER BEARINGS

BUFFERS - SELF CONTAINED 330 DIA. HEADS	
COUPLINGS - INTERNATIONAL SCREW	
MIN. CURVE - 26m	
GEN. ARRGT. DRG. No SW/DN/21934&22044	
BRAKE VACUUM BLOCK & HAND LEVER	
SUSPENSION - SHOE	

issue 1

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EX BR DIAGRAM 149

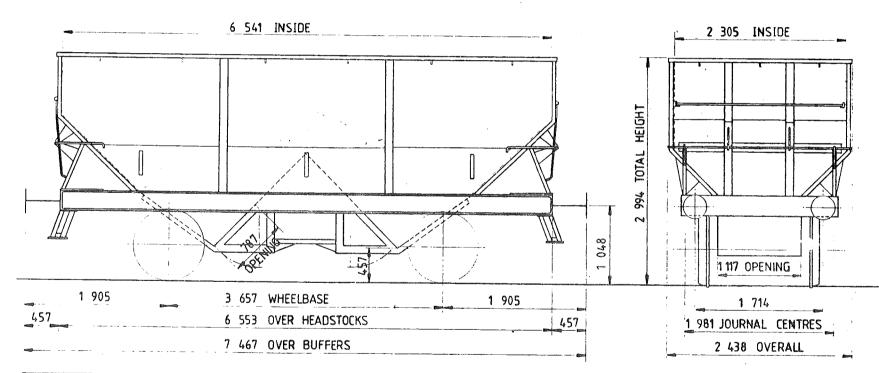
## HT 018C

PA LC NUN		
2330	2933	·2932
 2552	2934	2954
2713	2935	3033
2 <b>72</b> 6	3013	3037
2731	3045	



EXCESS LENGTH 2	Н	M	L.	E
tonnes	29	22	16	10
VB	6	6	6	6
RA	3	1	1	1
MAX SPEED	50	50	50	50

ĺ			1	OP	S	co	DE			
	CARKND			AARKND		 P"RA ANEL	TING No			
	Н	T	۷	Η	T	۷	R		5	5



TARE - 9 450 kg CARRYING CAPACITY - 21 500 kg CAPACITY - 25 600 m<sup>2</sup> MAX. SPEED - 50 m/e / h WHEELS - 952 DIA JOURNALS - 254×127 PLAIN BEARINGS

BUFFERS - SPINDLE 330 DIA HEADS	
COUPLINGS - INSTANTER	
MIN. CURVE – 26m	
GEN. ARRGT. DRG. No F-S- 2246	
BRAKE - VACUUM BLOCK & HAND LEVER	
SUSPENSION - SHOE	

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EX. B.R. DIAGRAM 147 (REBODIED HT 004C)

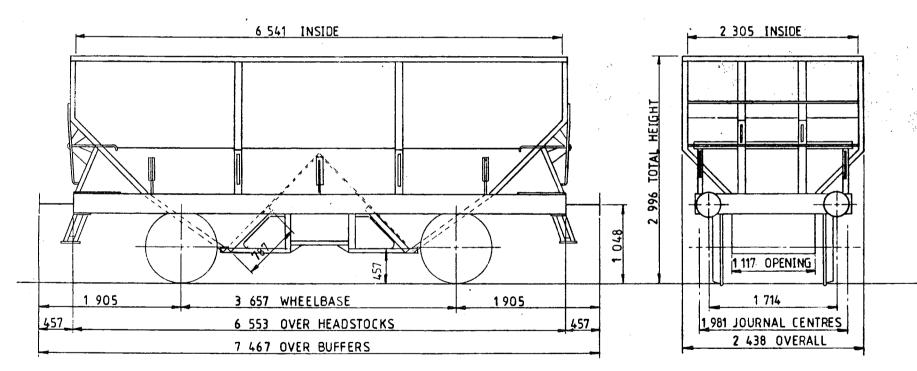
## HT 018 D

1111

PA	ŖŢ	1	
· · · ·	NUMBER		3034
2330	2 <b>5</b> 52	2713	2726
2731	2932	2933	2934
2935	2954	3013	3030
3031	3032	3033	3035
°036	3037	3045	3157

EXCESS LENGTH 2	Н	Μ	L	E
tonnes	29	22	16	10
VB	6	6	6	6
AB				
RA	3	1	1	1
MAX. SPEED	50	50	50	50

TOPS CODE					
CARKND	AARKND	OPEPATING PANEL NO			
HTV	HTVR	5 5			



TARE	9450 kg
CARRYING CAPAC	CITY-21500 kg
CAPACITY-	25 <sup>600</sup> m <sup>3</sup>
MAX. SPEED	50 mile/h
WHEELS	952 DIA.
JOURNALS	124 DIA ROLLER BEARINGS

BUFFERS –	SPINDLE 330 DIA. HEADS
COUPLINGS -	INSTANTER
MIN. CURVE	26 m.
GEN. ARRGT, DRG. No.	- SW/DN/19676 & F-S-2246
BRAKE -	VACUUM BLOCK & HAND LEVER
SUSPENSION -	SHOE

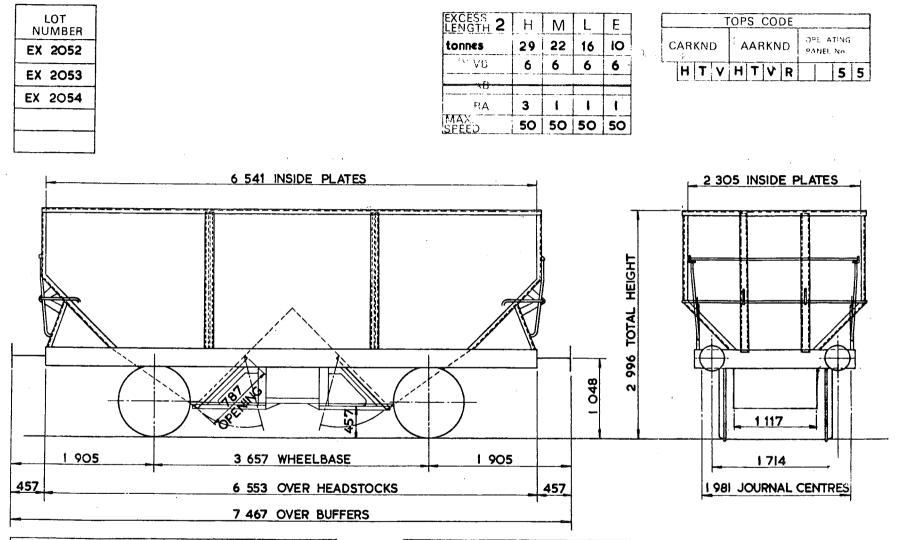
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EX. BR. DIAG 147 (REBODIED HT 00 4D)

#### HT 019 B



TARE	9800 kg			
CARRYING CAPAC	<b>ITY-2</b> 1 500 kg			
CAPACITY-	<b>23</b> .928m <sup>3</sup>			
MAX. SPEED -	50 mile/h			
WHEELS -	952 DIA.			
JOURNALS-	124 DIA. ROLLER BEARINGS			

SPINDLE 330 DIA. HEADS
INSTANTER
26 m.
o. – <b>F-S- 2246</b>
HAND LEVER & VAC BRAKE
SHOE

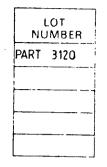
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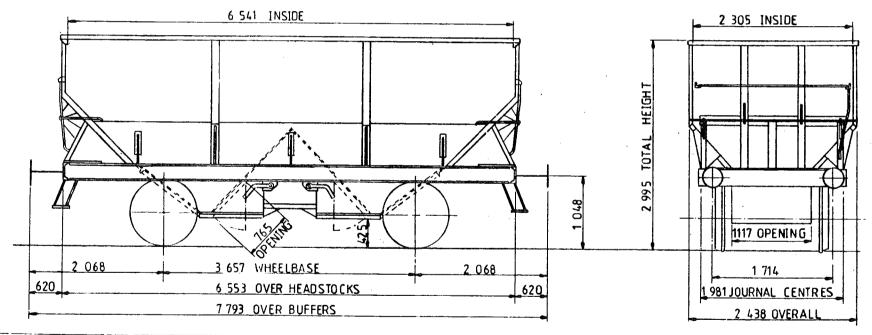
EX. B.R. DIAGRAM 1/147: REBODIED HTOOSE

## HT021B



EXCESS LENGTH 2	Н	M	L	E
tonnes	29	22	16	10
VB	6	6	6	6
			Ļ	
RA	3	1	1	1
MAX SPEED	50	50	50	50

T	OPS CODE	
CARKND	AARKND	OPERATING PANEL N
HTV	HTVR	5 5



TARE	955	) kg			
CARRY	ING (	CAPACITY-	21500kg		
CAPAC	ITY-	23.9 m <sup>3</sup>			
MAX. S	PEED	50 mile/h			
WHEEL	S 95	2 DIA		· · · · · · · · · · · · · · · · · · ·	

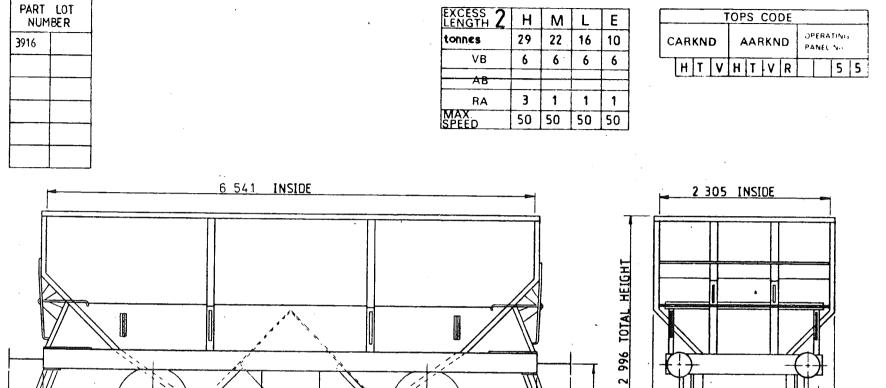
JOURNALS 124 ROLLER BEARINGS

BUFFERS SELF CONTAINED 330 DIA. HEADS	
COUPLINGS INTERNATIONAL SCREW	
MIN. CURVE 26m	
GEN. ARRGT. DRG. NoSW/DN/21934& F-S-2246	
BRAKE VACUUM BLOCK & HAND LEVER	
SUSPENSION - SHOE	

issue 1

## HT 031 M

Ħ



 1
 905
 3
 657
 WHEELBASE
 1
 905
 1
 1117 OPENING

 457
 6
 553
 OVER HEADSTOCKS
 457
 1
 1981
 JOURNAL CENTRES

 7
 467
 OVER BUFFERS
 2
 438
 OVERALL

TARE	9 450 kg
CARRYING CAPAC	CITY-21500 kg
CAPACITY-	25 <sup>900</sup> m <sup>3</sup>
MAX. SPEED	50 mile/h
WHEELS	952 DIA.
JOURNALS	124 DIA ROLLER BEARINGS

BUFFERS	SPINDLE 330 DIA. HEADS
COUPLINGS	INSTANTER
MIN. CURVE -	26 m.
GEN ARRGT DRG No.	SW/DN/19676 & F-S-2246
BRAKE	VACUUM BLOCK & HAND LEVER
SUSPENSION -	SHOE

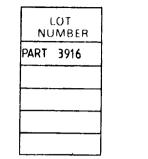
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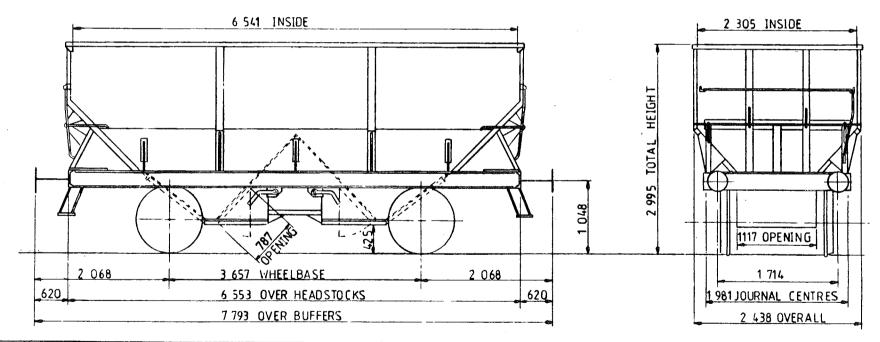
EX. BR. DIAG 146 (REBODIED HT 00 4D)

## HT031N



EXCESS 2 LENGTH 2 tonnes	H 29	M 22	L 16	E 10
VB	6	6	6	6
<del>AB</del>		[		
RA	3	1	1	1
MAX SPEED	50	50	50	50

TOPS CODE				
CARKND	AARKND			
ΗТV	HTVR	55		



TARE 9550 kg CARRYING CAPACITY - 21 500 kg CAPACITY - 23.400 m<sup>3</sup> MAX SPEED 50 mile/h WHEELS 952 DIA JOURNALS 124 ROLLER BEARINGS

BUFFERS SELF CONTAINED 330 DIA. HEADS
COUPLINGS INTERNATIONAL SCREW
MIN CURVE 26m
GEN ARRGT DRG No SW/DN/21934&F-S-2246
BRAKE VACUUM BLOCK & HAND LEVER
SUSPENSION SHOE

issue 1

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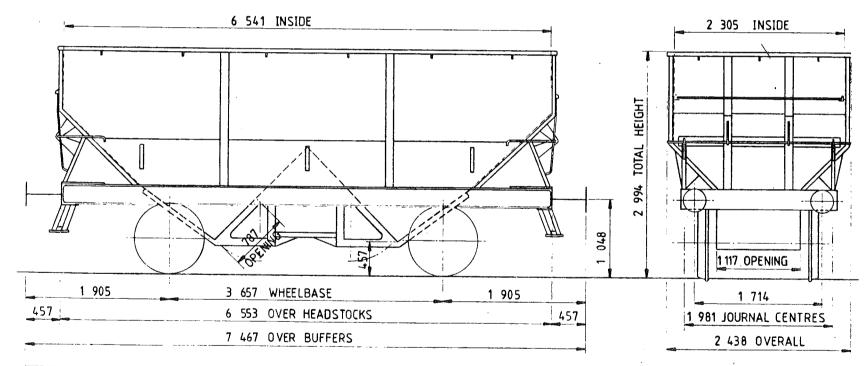
Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barroveralla.

## HT031P

LOT NUMBER		
PART 3919		

EXCESS 2	Н	М	L	Ε
tonnes	29	22	16	10
VB	6	6	6	6
<del></del>				
RA	З.	1.	1	1.
MAX. SPEED	50	50	50	50

TOPS CODE				
CARKND	AARKND OPERATING PANEL No.			
HTV	HTVR	55		



TARE 9450Kg	
CARRYING CAPACITY - 21 500 Kg	
CAPACITY - 23.9 m <sup>3</sup>	
MAX. SPEED - 50 mile / h	
WHEELS - 952 DIA	
JOURNALS - 254 × 127 PLAIN BEARINGS	

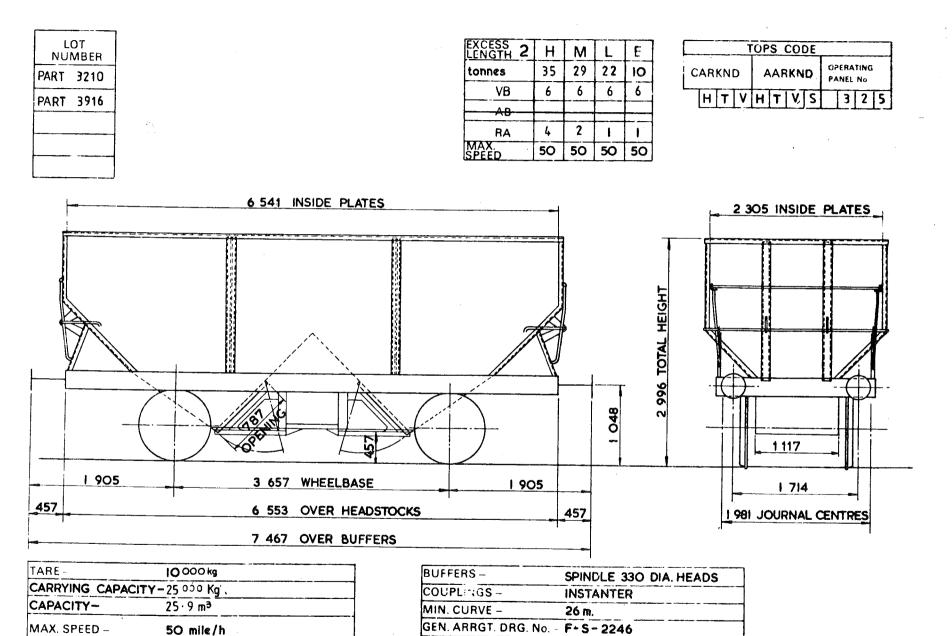
BUFFERS - SPINDLE 330 DIA. HEADS	
COUPLINGS - INSTANTER	
MIN. CURVE – 26 m	
GEN. ARRGT. DRG. No F - S - 2246	
BRAKE - VACUUM BLOCK & HAND LEVER	
SUSPENSION - SHOE	Nillion over the state of a line in sp

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EX B.R. DIAGRAM 146

## HT032 M



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JOURNALS -

WHEELS -

952 DIA.

124 DIA ROLLER BEARINGS

Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

SUSPENSION -

BRAKE VACUUM BLOCK, HAND LEVER

SHOE

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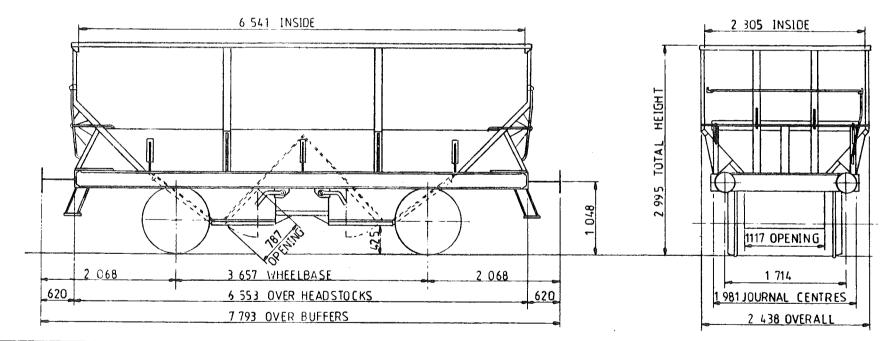
EX. B.R. DIAGRAM 1/146

## HT032N

	.OT Mber
PART	3916

EXCESS LENGTH 2	Н	Μ	L	E
tonnes	35	29	22	10
٧B	6	.6	6	6
	<b></b>			
RA	4	2	1	1
MAX SPEED	50	50	50	50

TOPS CODE							
CARKND	AARKND			VE KA NAFL		_	
HTV	Н	T	VS		3	2	5



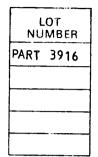
TARE 9550 kg CARRYING CAPACITY - 25,000 kg CAPACITY - 23.900 m<sup>3</sup> MAX SPEED 50 mile/h WHEELS 952 DIA JOURNALS 124 ROLLER BEARINGS

BUFFERS SELF CONTAINED 330 DIA.HEADS
COUPLINGS INTERNATIONAL SCREW
MIN CURVE 26m
GEN ARRGT DRG. No SW/DN/21934&22044 F-S-2246
BRAKE VACUUM BLOCK & HAND LEVER
SUSPENSION - SHOE

issue 1

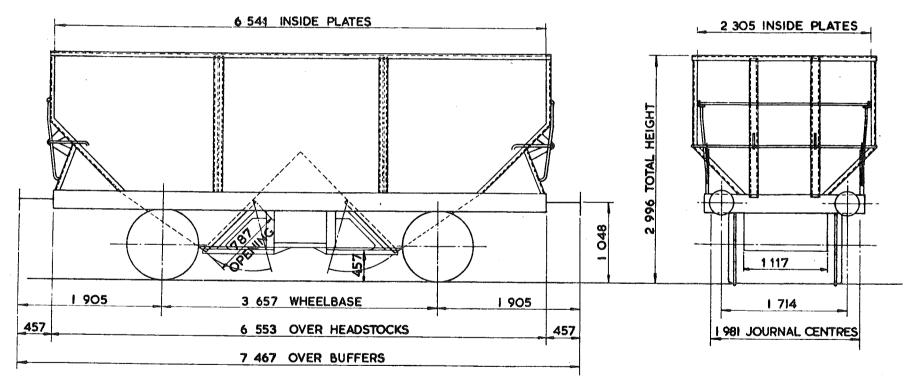
Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk) EX\_BR\_DIAGRAM\_149 (REBODIED\_HT006B)

## HT032P



EXCESS LENGTH 2	Н	M	L	E
tonnes	35	29	22	10
٧B	6	6	6	6
RA	4	2	1	1
MAX. SPEED	50	50	50	50

TOPS CODE			
CARKND	AARKND	OPERATING FANEL NO	
HTV	HTVS	3 2 5	



TARE -	10 000 kg
CARRYING CAPAC	ITY-25 000 Kg
CAPACITY-	25·9 m <sup>3</sup>
MAX. SPEED –	50 mile/h
WHEELS -	952 DIA.
JOURNALS -	254 x 127 PLAIN. BEARINGS

BUFFERS -	SPINDLE 330 DIA. HEADS
COUPLiniGS-	INSTANTER
MIN. CURVE -	26 m.
GEN. ARRGT. DRG. No	F-S-2246
BRAKE - VAC BLOCK ,	HAND LEVER
SUSPENSION -	SHOE

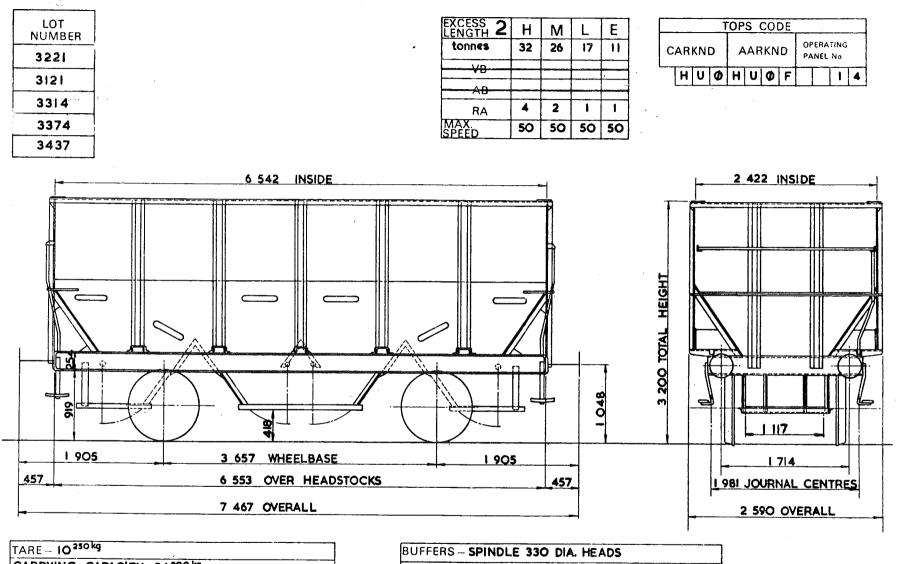


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EX. B.R. DIAGRAM 1/146

#### HOPPER COAL WAGON

#### HUOOIE



CARRYING CAPACITY-24 900 kg CAPACITY - 29. 053 m<sup>3</sup> MAX. SPEED - 50 mile/h WHEELS 939 DIA. JOURNALS - 124 DIA. ROLLER BEARINGS

BUFFERS - SPINDLE 330 DIA. HEADS	
COUPLINGS - INSTANTER	
MIN. CURVE – <b>26m</b>	
GEN. ARRGT. D.RG. No SW/ES/199	
BRAKE HAND LEVER	
SUSPENSION - SHOE	

ISSUE I

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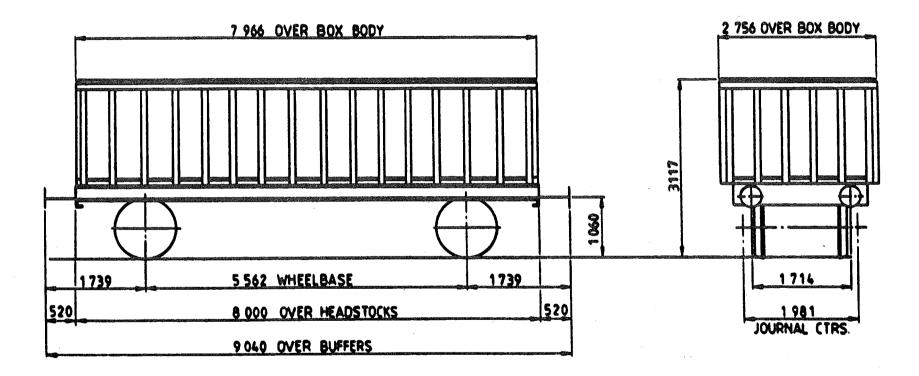
Original diagrams courtesy of Chris Dugdale, 2016 (visit http://www.barrowmoremrg.co.uk)

EX. B.R. DIAGRAM 148

#### BOX BODIED WAGON

LOT NUMBER		
3666	AARKND OPERATING	S <u>OPER/</u>
3751	CARKND PANEL No.	
	MABA	

			ADDRESS AND ADDRESS AD
AARKND IOPERATING OPERATING SPEED BRAKE FOR	RCE DATA EXCESS	1674 6	DESIGN
CARKND PANEL No. 60 mile/h UP TO 47 tonne GLW 101 BRAKED TO T	TARE S		SHEET W2046



TARE	14 . 851
CAPACITY, WEIGHT.	32 000kg
CAPACITY, VOLUME.	
MIN. CURVE-	61 m
GEN. ARRGT. DRG. NO.	- B1 - A0 - 8601305
1	

BRAKE- AIR C	NSC, THROUGH VAC. PIPE & HAND LEVER
SUSPENSION-	SINGLE LINK WITH 2 STAGE AUXILIARIES
COUPLINGS-	INSTANTER
BUFFERS.	HYDRAULIC 330 DIA. HEADS
WHEELS-	1092 DIA.
JOURNALS-	140 DIA. ROLLER BEARINGS

ISSUE 1

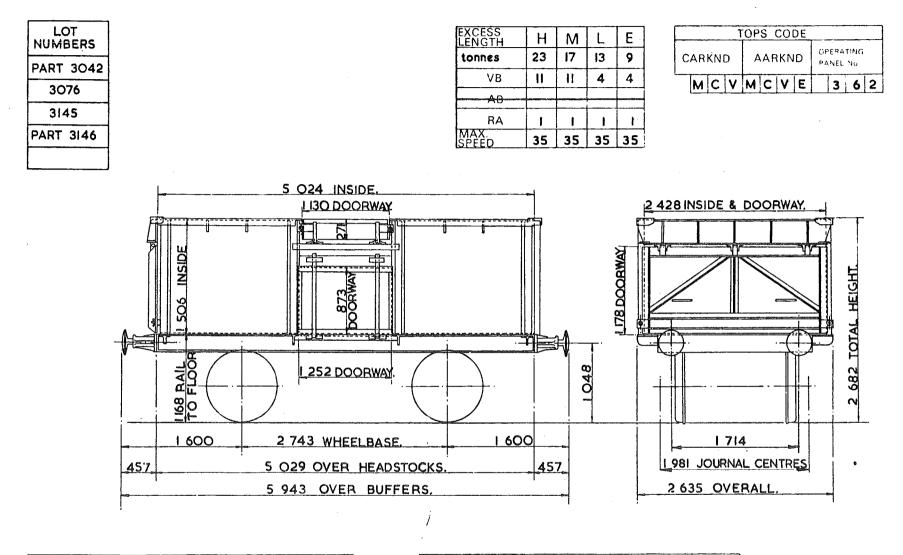
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EX. BR. DIAGRAM

MA001A

#### MCOO3D



 TARE - 7050kg.

 CARRYING CAPACITY - 16500kg.

 CUBIC CAPACITY - 18.371 m<sup>3</sup>.

 MAX. SPEED - 35 mile/h.

 WHEELS - 952 DIA.

 JOURNALS - 228 x 114 PLAIN BEARINGS.

BUFFERS - S	PINDLE 330 DIA. FEADS	
COUPLINGS	- INSTANTER .	
MIN. CURVE	- 21 m	
GEN. ARRGT.	DRG. No SW/DE 21000-BODY RCH 300465-UNDERFRAME.	
BRAKE -	HAND LEVER	
SUSPENSION	I- SHOE.	

ISSUE 3.

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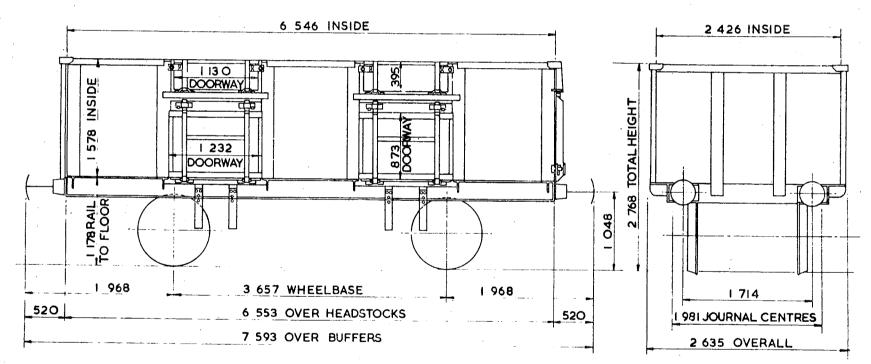
EX.B.R. DIAGRAM 117

#### MDOO8 B

PART LOT NUMBERS
3390
3430
3438
3439

EXCESS LENGTH 2	Н	М	L	E
tonnes	30	24	17	12
VB	12	12	6	6
<del>AB</del>				
RA	3	1	ł	1.
MAX. SPEED	50	50	50	50

TOPS CODE				
CARKND	AARKND	OPERATING PANEL NO		
MDV	MDVE	29		



TARE	11 400kg		
CARRYING CAPACITY-	21 500Kg		
CAPACITY -	25.060M <sup>3</sup>		
MAX. SPEED	50 mile/h		
WHEELS	952 DIA.		
JOURNALS	124 DIA. ROLLER BEARINGS		

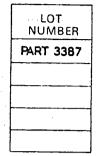
INSTA	NTER			
26 M				·····
4, SW DN	30542	U/F.(S	W DN 29905, L	OT 3390)
VACUU	M BLO	CK&H	AND LEVER	
SHOE	•			
-	4, SW DN VACUU	4, SW DN 30542 VACUUM BLO	4, SW DN 30542 U/F. (S) VACUUM BLOCK&H	4, SW DN 30542 U/F. (SW DN 29905, L VACUUM BLOCK&HAND LEVER

Issue 1

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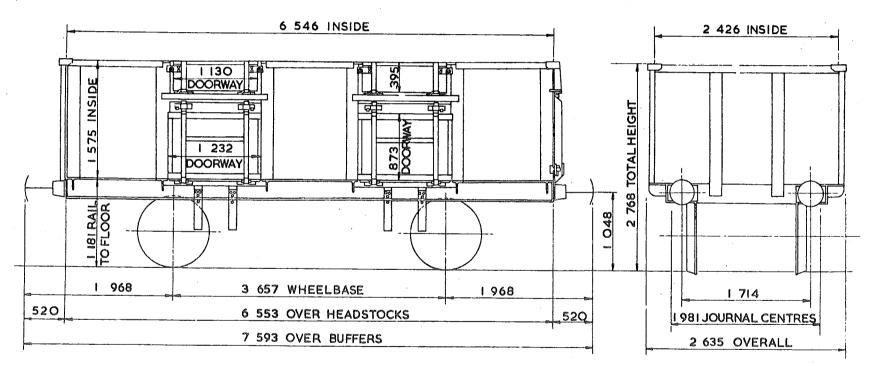
EX.BR.DIAGRAM 120

#### MDOO8 C



EXCESS LENGTH 2	Н	Μ	L	E
tonnes	30	24	17	12
VB	12	12	6	6
<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>				
RA	3	1	1	1
MAX. SPEED	50	50	50	50

CARKND	AARKND	OPERATING PANEL No
MDV	MDVE	29



TARE	11 200kg
CARRYING CAPACITY-	21500kg
CAPACITY-	27218 m <sup>3</sup>
MAX. SPEED –	50 mile/h
WHEELS -	952 DIA.
JOURNALS-	124 DIA. ROLLER BEARINGS

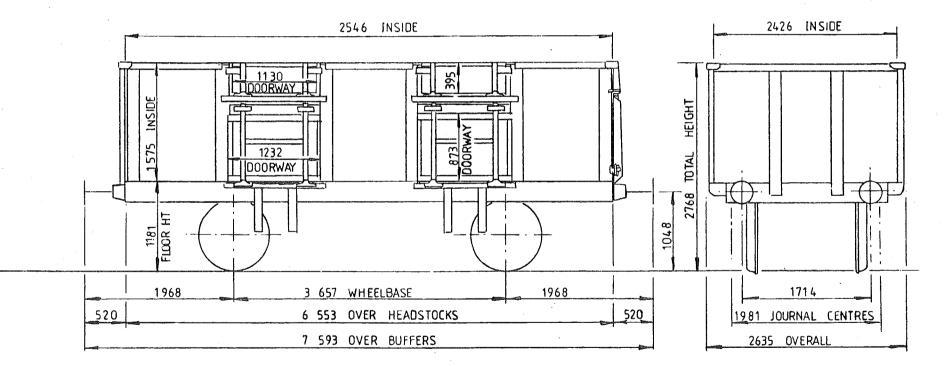
BUFFERS –	HYDRAULIC 406 DIA.HEADS	
COUPLINGS -	INSTANTER	
MIN. CURVE -	26m	
GEN. ARRGT. DRG. No.	SW/DN 29184 BODY SW/DN 29903U/F	
BRAKE –	VACUUM BLOCK & HAND LEVER	
SUSPENSION -	SHOE	issue

Original © BRB-Residuary Ltd----

EX. BR.DIAGRAM 119

### MD008D

[	LOT NUMBER	TOPS INFORMATION			
[		AARKND OPERATING OPERATING SPEED BRAKE FORCE DATA	EXCESS	RA	DESIGN
		CARKND PANEL No. 50 mile/h UP TO 33 tonne GLW 6t EMPTY	LENGTH	(GLW)	SHEET
[	3 3 8 7	M D W E	2	3	



TARE-	11200 kg
CAPACITY, WEIGHT-	21 500 kg
CAPACITY, VOLUME-	27.218 m <sup>3</sup>
MIN. CURVE-	26 m
GEN. ARRGT. DRG. NO	SW/DN/ 29184
	SW/DN/29903 U/F

BRAKE- VAC	UUM	BLOCK	, AIR	PIPE,	HAND	LEVER.
SUSPENSION	-	SHO	DE			
COUPLINGS-		INSTAI	NTER			
<b>BUFFERS</b> -	HYDP	RAULIC	40	6 DIA	HEADS	
WHEELS-	952		۱ <u> </u>			
JOURNALS-	124	DIA F	OLLER	BEA	RINGS	

ISSUE 1

EX. BR. DIAGRAM 119

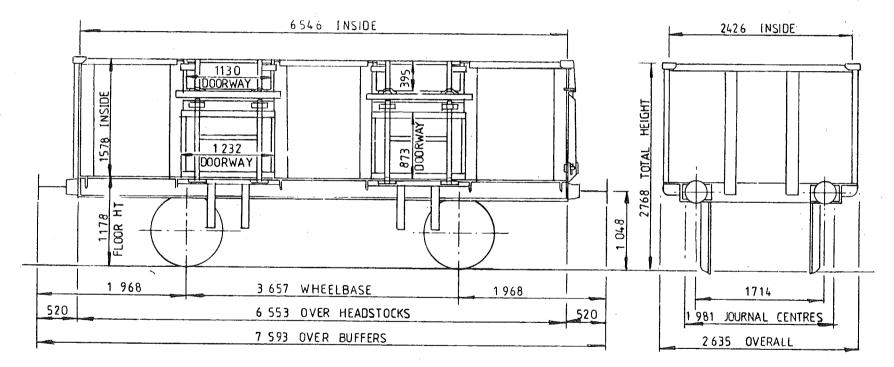
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### MD008E

LOT NUMBER				TOPS INFO	DRMATION	<b></b>		
3390	and a second second second second	OPERATING	OPERATING	SPEED	BRAKE FORCE DATA	EXCESS	RA	DESIGN
	CARKND	PANEL No.	50 mile/h UP TO	33 tonne GLW	6t EMPTY	LENGTH	(GLW)	SHEET
	MDWE		-mile/h-ABOVE	33 tonne GLVV	12 F LADEN	2	3	



TARE-	11 400 kg
CAPACITY, WEIGHT-	21 500 kg
CAPACITY, VOLUME-	25.06 m <sup>3</sup>
MIN. CURVE-	26 m
GEN. ARRGT. DRG. NO.	- SW/DN/29184
	SW/DN/30542

BRAKE- VAC	UUM E	LOCK	, AIR PIP	ΡE,	HAND I	EVER.	
SUSPENSIO	N- s	ное					
COUPLINGS	- IN	STAN	TER			1	
<b>BUFFERS</b> -	HYDR	AULIC	330	DIA	HEADS		
WHEELS-	952	DIA					
JOURNALS-	124	DIA	ROLLER	BEA	RINGS	يلدون ويعتبها والمراجع المراكدي	

ISSUE 1

EX. BR. DIAGRAM 120

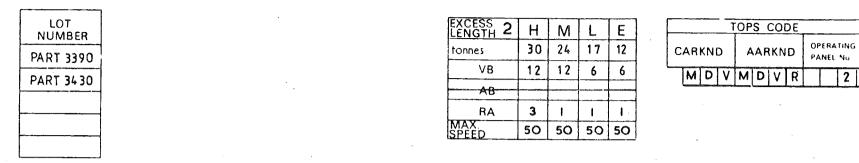
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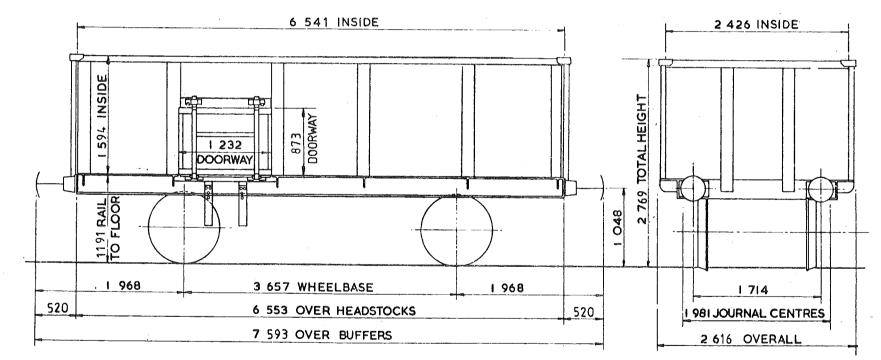
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### MD015**G**

29





TARE -	11 400 kg
CARRYING CAPACITY-	21 500Kg
CAPACITY-	25200m <sup>3</sup>
MAX. SPEED -	50 mile/h
WHEELS	952 DIA.
JOURNALS-	124 DIA ROLLER BEARINGS

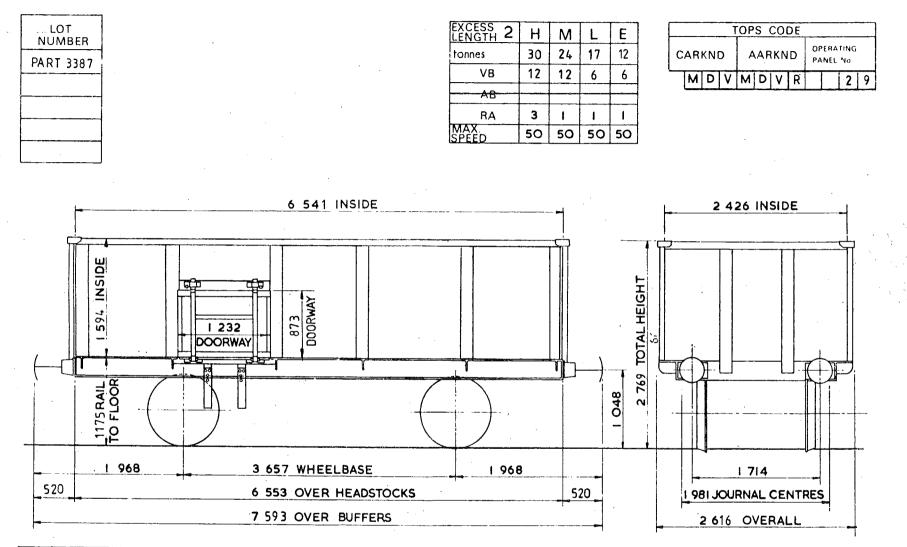
BUFFERS	HYDRAULIC 330 DIA HEADS
COUPLINGS -	INSTANTER
MIN. CURVE	26 m
G.A. DRG. No. F-S-13	852, SW-DN-29905 (LOT 339.0), SW-DN-30542 (LOT 3430)
BRAKE	VAC BLOCK, HAND LEVER,
SUSPENSION -	SHOE

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EX.BR.DIAGRAM 1/120

### MD015H



TARE -	11400kg
CARRYING CAPACITY-	21 500Kg
CAPACITY -	25200m <sup>3</sup>
MAX. SPEED -	50 mile/h
WHEELS	952 DIA.
JOURNALS-	124 DIA.ROLLER BEARINGS

BUFFERS	HYDRAULIC 406 DIA HEADS
COUPLINGS	INSTANTER
MIN. CURVE	26 M
GEN. ARRGT. DRG. No	F·S-13853, SW·DN-29903
BRAKE	VACUUM BLOCK, HAND LEVER
SUSPENSION	SHOE

Issue 1

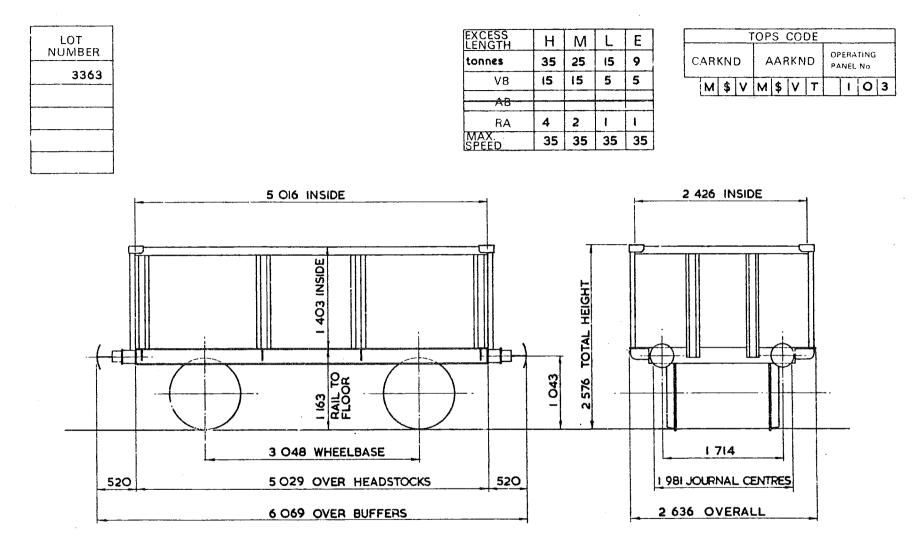
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EX.BR.DIAGRAM 1/119

IRONSTONE TIPPLER WAGON

# м\$002D



TARE-	8 700kg
CARRYING CAPACITY	26 500kg
CAPACITY	17,072 m <sup>3</sup>
MAX. SPEED –	35 mile/h
WHEELS -	952 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

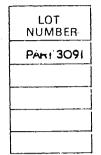
BUFFERS	HYDRAULIC 330 DIA HEADS
COUPLINGS -	INSTANTER
MIN. CURVE -	21m
GEN. ARRGT. DRG. No.	-DE/35944 DE/34579
BRAKE	VACUUM BLOCK & HAND LEVER
SUSPENSION -	SHOE

ssue **2**.

EX. B.R. DIAGRAM 1/185

IRONSTONE TIPPLER WAGON

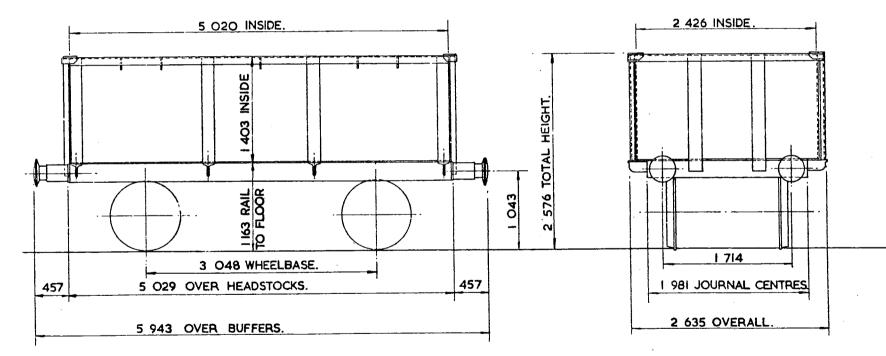
### M\$002F



ell conse

EXCESS LENGTH	Н	Μ	L	Е
tonnes	35	25	15	9
VB	15	15	5	5
<del>AB</del> -				
RA	4	2	1	1
MAX. SPEED	35	35	35	35

1	OPS CODE	
CARKND	AARKND	OPERATING PANEL No.
MSV	M \$ V T	103



TARE	9 <sup>000 kg.</sup>
CARRYING CAPA	CITY-26 <sup>500kg.</sup>
CAPACITY-	17.196 m. <sup>3</sup>
MAX. SPEED –	35mile/h.
WHEELS -	952 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS.

HYDRAULIC 330 DIA. HEADS.
INSTANTER.
21 m.
DE/34579 - DE/35397
VACUUM BLOCK & HAND LEVER .
SHOE.

issue 2.

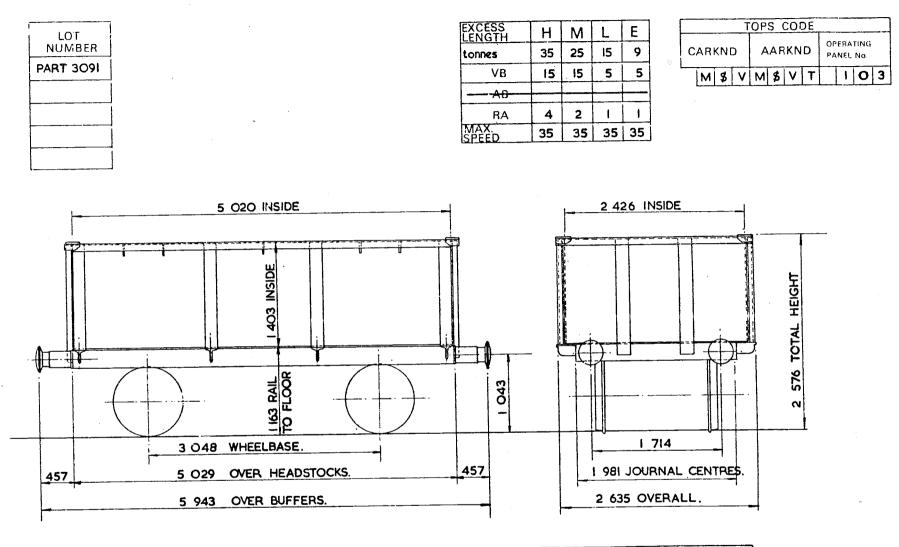
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EX. B.R. DIAGRAM I/I86 (ALLOCATED.)

IRONSTONE TIPPLER WAGON

## м\$002Ј



TARE -	9 000 kg.
CARRYING CAPACI	TY - 26 500 kg
CAPACITY -	17.196 m. <sup>3</sup>
MAX SPEED -	35 mile/h.
WHEELS -	952 DIA.
JOURNALS-	228 KOBPLAIN BEARINGS.

BUFFERS	HYDRAULIC 330 UM. HEADS,	
COUPLINGS -	INSTANTER	
MIN. CURVE –	21 m.	
GEN. ARRGT. DRG. No	DE 34579 DE 35397	
BRAKE –	VACUUM BLOCK & HAND LEVER.	
SUSPENSION -	SHOE.	is

issue 2.

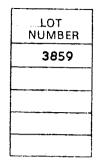
EX. BR. DIAGRAM 1/186. (ALLOCATED)

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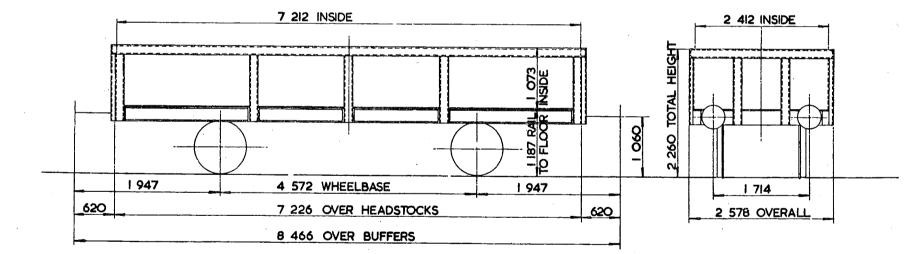
### IRONSTONE TIPPER WAGON

MTOO1A



EXCESS LENGTH 4	Н	Μ	L	E
tonnes	33	27	18	12
VB	14	14	7	7
AB				
RA	4	2	1	1
MAX. SPEED	45	45	45	45

1	OPS CODE	
CARKND	AARKND	OPERATING PANEL No
MTV	M T V \$	298



TARE –	1000 kg
CARRYING CAPAC	TY-24000 kg
CAPACITY-	18.667 m <sup>3</sup>
MAX. SPEED –	45 mile/h
WHEELS	952 DIA.
JOURNALS -	124 DIA. ROLLER BEARINGS

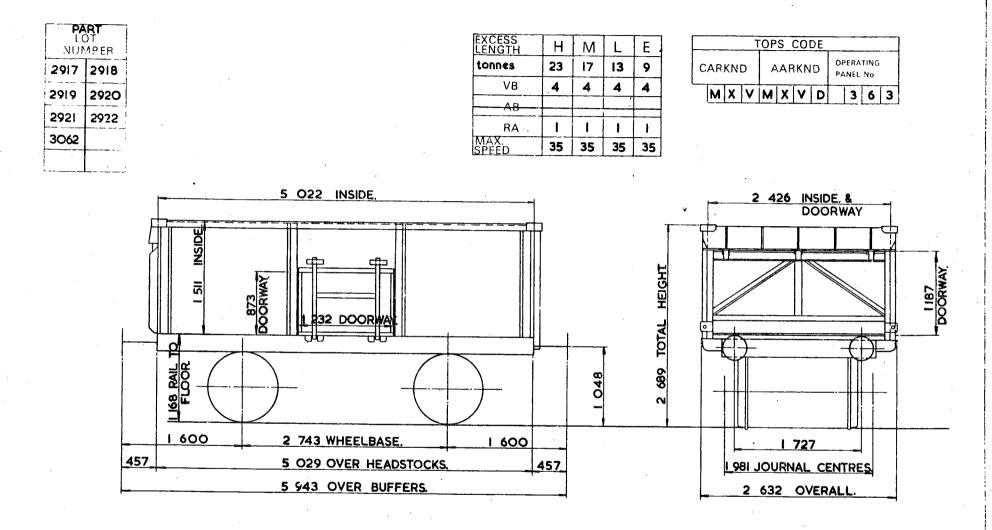
BUFFERS -	HYDRAULIC 406 DIA. HEADS
COUPLINGS -	INTERNATI DNAL SCREW
MIN. CURVE	31 m
GEN. ARRGT, DRG.	No. – <b>F- AO - 18647</b>
BRAKE	VACUUM BLOCK & HAND LEVER
SUSPENSION -	SHOE

ISSUE 3.

EX. B.R. DIAGRAM 193.

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MX OOI A



TARE	<b>7</b> 800kg.
CARRYING CAPA	CITY-16500kg.
CAPACITY-	18.349 m <sup>3.</sup>
MAX. SPEED	35 mile/h.
WHEELS	952 DIA.
JOURNALS-	228x 14 PLAIN BEARINGS.

BUI FERS -	SPINDLE 330 DIA. HEADS.
COUPLINGS	INSTANTER,
MIN. CURVE –	21 m.
GEN. ARRGT. DRG.	No SW/DE/2890, F-S-2556
BRAKE –	VACUUM BLOCK & HAND LEVER
SUSPENSION -	SHOE.

ISSUE 1

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EX. B.R. DIAGRAM 1/99