

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS) **CHRIS CLARKE** ID **CJC**

Plate number (optional) **7A9C20039M2023130** VIN/chassis number

Make **DOMETT** Component being certified:  Chassis  Load anchorage

Model (optional) **C2003 PH**  Log bolsters  Towing connection  Brakes

Certification category **HVEK**  SRT  PSV stability  PSV rollover

Swept path  PBS

Description of work  
 CERTIFY TO SCHEDULE 5 OF LTR 32015/5: NZ HEAVY VEHICLE BRAKE SPECIFICATION.  
 CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.  
 3ASBTF CURTAINSIDE  
 FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.  
**REASON FOR CERTIFICATION: NEW TRAILER BUILD**

Code/standard/rule certified to **LTR 32015/5** Component load rating(s) **33 Tonnes GVM**

General drawing number(s) **N/A** **19 Tonnes (Rear group rating)**

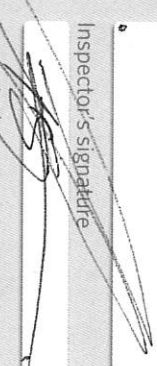
Supporting documents  
**BRAKE RULE CERTIFICATE JH220342**  
**BRAKE CALCULATION # TP52298**

Special conditions (optional)  
**WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KM/H**

Certification expiry date (if applicable) **N/A [UNLESS MODIFIED]** OR Hubodometer reading (whichever comes first)

**Declaration**

I the undersigned, declare that I am the heavy vehicle specialist inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.

Designer's ID (if different from inspector below) \_\_\_\_\_  
 Inspector's signature   
 Inspector's name (PRINT IN CAPS) **CHRIS CLARKE** ID number **CJC**  
 Date **01.01.2022** Number **819430**

CoF vehicle inspector ID (if applicable) \_\_\_\_\_ CoF vehicle inspector signature (if applicable) \_\_\_\_\_ Date \_\_\_\_\_

All fields are mandatory unless otherwise stated.

# WABCO

# START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2021-10-13	Serial number	897040492000G
Serial number (modulator)	000000543501		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-04-01 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

## WABCO

## TRAILER EBS-E

GGV/ADR TUEH TB 2007 - 019.00  
TDB0749

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS		
TYPE	3ASBTF CURTAINSIDE		
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9C20039M2023130		
BREMSENRECHNUNGS-ADR BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP52298S		
POLRADZAHNZEICHNUNG POLY WHEEL IDENTIFICATION NO. DENIS MODE DENISE cd 1 cd 1	90	ABS-System Systeme ABS	2S/2M
RSS R55 R53		Lenkachse Steering axle Essieu avant	
Zwillingablenkung Moore linimake	X	Kapazitätssches Fahrzeug Verfügbares Gewicht	
Subsystems	SB	I/O	24N

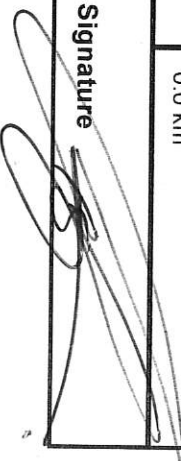
GIÖ	Pin1	Pin3	Pin4
1	---	---	---
2	---	---	---
3	---	---	---
4	---	---	---
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---

ACHSE ESSEN	DRUCK		DRUCK		pZ	TYP TYPE	H-H (mm)	H-H (mm)	TR (bar)							
	pm (bar)	6.5	pm (bar)	0.8					2.0	1.0	Pz					
1	1200	0.4	1.7	6350	4.0	0.3	1.3	---	5.2	-	14 / 16	64	64	69	435	2805
2	1200	0.4	1.7	6350	4.0	0.3	1.3	---	5.2	-	14 / 16	64	64	69	435	2805
3	1200	0.4	1.7	6350	4.0	0.3	1.3	---	5.2	-	14	64	64	69	435	2805
4	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

### TEBS-E

Diagnostic memory	OK	Warning lamp control	OK
Parameter setting	carried out	Stop light supply	Not tested
EBS pressure test	OK	Lifting axle test	Not tested
Redundancy test	OK	ECAS height sensor calibration	Not tested
ABS sensor assignment	OK	Height sensor axle load	Not tested
RTR test	Not tested	Leak test	Not tested
Immobilizer test	Not tested	Signal outputs	Not tested
Signal inputs	Not tested	Tag axle test	Not tested

### Electronic Extension Module

Diagnostic memory	Not tested	Signal outputs	Not tested
TailGUARDlight	Not tested	TailGUARDp	Not tested
Manufacturer	DOMETT TRAILERS	Vehicle ident. no.	7A9C20039M2023130
Vehicle type	3ASBTF CURTAINSIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-04-01 2:11:33 pm		

trailer (full, semi-, centre-axle) with air brake system acc. to UN/ECE-R.13.11

distribution: DOMETT TRAILERS  
 7A9C20039M2023130  
 SODC: JH220342  
 LT400: CJC 819430

Please note!

This brake calculation is made under consideration of the legal prescriptions mentioned above in the version valid at the time of making the program (V6.18.07.12).  
 -the functional characteristics of our products as well as the data of the brake out of the test approvals of the axle manufacturers, and  
 -the other vehicle data included in the brake calculation.  
 Please check whether these data correspond to the actual vehicle data.  
 Our conditions of delivery apply (particularly section 9.0).  
 In any case we recommend to do a braking harmonisation!  
 WABCOBrake V6.18.07.12 do 31.08.2018

vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 remarks : air / hydraulic / VA suspension  
 WABCO TRAILER - EBS E  
 TRISTOP 1+2: T.14/24 [TSE1416HTLD64 ACTUALLY FITTED -  
 SEE PAGE 6 FOR PERFORMANCE DATA]  
 265/70 R 19,5

axle 1 + 2 + 3 : SAF, SBW 1937, TDB 0749 ECE,

	P	in	kg	unladen	Laden
total mass	PS	in	kg	6000	- 7000
king-pin	PS	kg		2400	- 3400
axle 1	P1	in	kg		1200
axle 2	P2	in	kg		1200
axle 3	P3	in	kg		1200
total axle mass	PR	in	kg		3600
wheel base	E	in	mm	6900	- 7000
centre of gravity height	h	in	mm		750
K-factor	Kv	min		2.1430	
K-factor	Kc	max		2.1706	
					Kc min 0.9808
					Kc max 0.9990

	axle 1	axle 2	axle 3
no. of combined axles	1	1	1
no. of brake chambers per axle line	2	2	2
The power output corresponds to	BZ 119.6	BZ 119.6	BZ 122.1
brake chamber manufacturer	Meritor	Meritor	Meritor
chamber size	T.14/24	T.14/24	14.
Lever length	69	69	69
brake factor	23.03	23.03	23.03
dyn. rolling radius	421	421	421
dyn. rolling radius	rdyn max	in	mm
threshold torque	Co	Nm	6.0

calculation:  
 chamber pressure(rdyn min)/pH at z=22,5%bar  
 chamber pressure(rdyn max)/pH at z=22,5%bar  
 chamber press.(servo)pcha at pm6,5bar bar  
 piston force ThA at pm6,5bar N  
 brake force(rdyn min)T lad. at pm6,5bar N  
 brake force(rdyn max)T lad. at pm6,5bar N  
 Brake force incl. 1 % rolling resistance  
 proportion %

braking rate z laden 0.604 for rdyn min  
 z = sum (TR)/PRmax 0.604 for rdyn max

Trailer may only be operated in combination with trucks/tractors with ISO 7638 supply (5 or 7 polar).

brake diagram : 841 701 101 0

maximum pressure: 8.5 bar

axle 1:

valve 1: 971 002 ... 0 WABCO  
EBS emergency valve

valve 2: 480 102 ... 0 WABCO  
EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 2:

valve 1: 971 002 ... 0 WABCO  
EBS emergency valve

valve 2: 480 102 ... 0 WABCO  
EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 3:

valve 1: 971 002 ... 0 WABCO  
EBS emergency valve

valve 2: 480 102 ... 0 ( ) WABCO or 480 207 0... 0 / 2... 0  
EBS trailer modulator

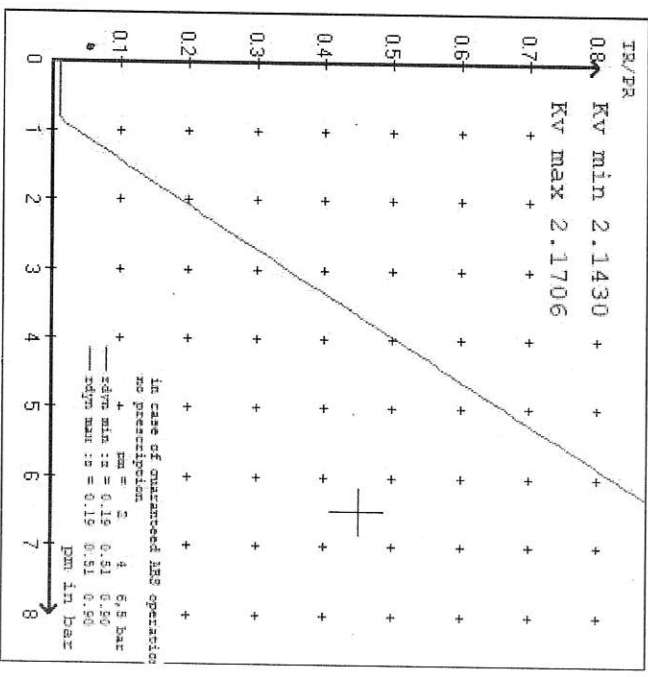
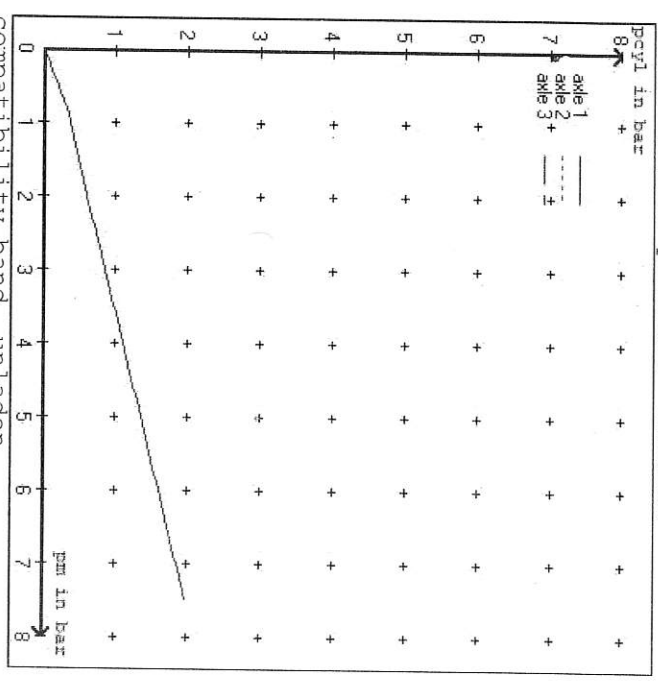
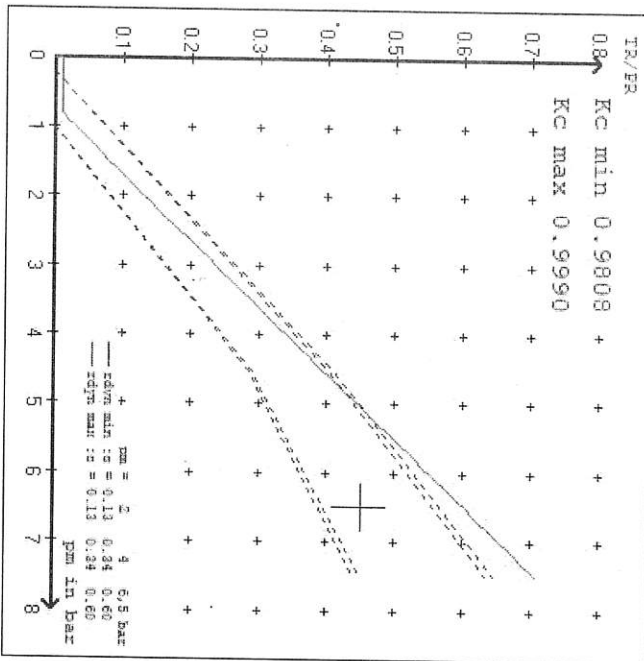
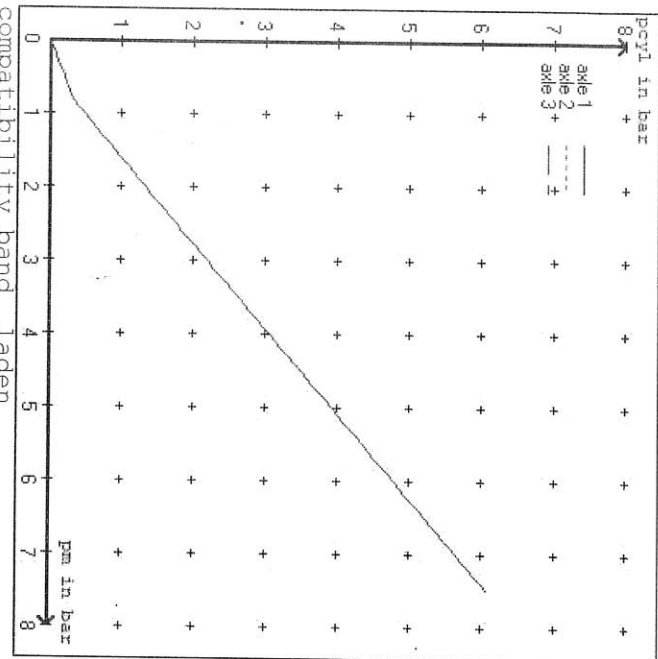
brake cylinder: Meritor 14HSCLD64

test type III (zIII = 0.30)

at pm 3.6 bar =>

test type III (zIII = 0.06)  
at pm 1.3 bar =>

for rdyn min : axle1 axle2 axle3  
pcha in bar : 2.7 2.7 2.7  
for rdyn min : axle1 axle2 axle3  
pcha in bar : 0.7 0.7 0.7





vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm  
 axle 2 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm  
 axle 3 : 2 x type/diameter 14. (Meritor) lever length 69 mm

brake diagram : 841 701 101 0

valve :  
 971 002 ... 0 WABCO EBS emergency valve  
 480 102 ... 0 WABCO EBS trailer modulator  
 480 102 ... 0 WABCO EBS trailer modulator or 480 207 0.. 0 / 2.. 0

EBS input data

=====  
 vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 brake calculation no. : TP 52298S

tire circumference main axle : 2650 for rdyn max  
 tire circumference auxilliary axle : 2650 for rdyn max

assignment pm / deceleration z: pm 0.8 bar z = 0.010  
 2.0 bar z = 0.134  
 (laden condition) 6.5 bar z = 0.600

axle	control pressure pm		brake pr. unladen	control pressure pm		brake pr. laden	brake pr. laden	brake pr. laden
	axle load unladen	bellow pr. unladen		axle load laden	bellow pr. laden			
1	1200	to be	1.7	6350	to be	0.3	1.3	5.2
2	1200	entered by	1.7	6350	entered by	0.3	1.3	5.2
3	1200	the vehicle	1.7	6350	the vehicle	0.3	1.3	5.2
4	0	manufact.	0,0	0	manufact.	0,0	0,0	0,0
5	0		0,0	0		0,0	0,0	0,0

The unladen values indicated in the above table are values for the basic parameter set. Higher unladen axle loads and liftaxles are automatically recognized and do not require separate adjustment. The above unladen axle loads must not be fallen below.

```

=====
axle 1      axle 2      axle 3
axle load  pcyl1  axle load  pcyl1  axle load  pcyl1
1200      1.7      1200      1.7      1200      1.7
1700      2.0      1700      2.0      1700      2.0
2200      2.4      2200      2.4      2200      2.4
2700      2.7      2700      2.7      2700      2.7
3200      3.1      3200      3.1      3200      3.1
3700      3.4      3700      3.4      3700      3.4
4200      3.7      4200      3.7      4200      3.7
4700      4.1      4700      4.1      4700      4.1
6350      5.2      6350      5.2      6350      5.2
  
```

data sheet to ECE vehicle type-approval certificate concerning braking  
equipment: according to ECE R13 annex 11

axle 1 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 2 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 3 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013

calc. verif. of residual (hot) braking force type III  
(item 4.2.1 of appendix 2 to annex 11)

axle 1	(rdyn 421 mm)	T = 18.7 % Fe
axle 2	(rdyn 421 mm)	T = 18.7 % Fe
axle 3	(rdyn 421 mm)	T = 18.7 % Fe

calculated actuator stroke in mm  
(item 4.3.1.1 of appendix 2 to annex 11)

axle 1	(sp = 56 mm)	s = 39 mm
axle 2	(sp = 56 mm)	s = 39 mm
axle 3	(sp = 56 mm)	s = 39 mm

average thrust output in N at pm = 6,5 bar (however max. pcha = 7,0 bar)

axle1	ThA = 4986 N
axle2	ThA = 4986 N
axle3	ThA = 4986 N

calc. residual (hot) braking force in N  
(item 4.3.1.4 of appendix 2 to annex 11)

axle 1	(rdyn 421 mm)	T = 29448 N
axle 2	(rdyn 421 mm)	T = 29448 N
axle 3	(rdyn 421 mm)	T = 29448 N

braking rate of the vehicle	basic test	type III
(item 4.3.2 to appendix 2 to annex 11)	of subject	(calculated)
	trailer (E)	residual
		(hot)braking
		0.47

required braking rate  
(items 1.5.3 and 1.7.2 to annex 11)  
>= 0,4 and  
>= 0,6\*E (0.36)

axle 1	(rdyn 421 mm)	T = 29448 N
axle 2	(rdyn 421 mm)	T = 29448 N
axle 3	(rdyn 421 mm)	T = 29448 N

braking rate of the vehicle	basic test	type III
(item 4.3.2 to appendix 2 to annex 11)	of subject	(calculated)
	trailer (E)	residual
		(hot)braking
		0.47

required braking rate  
(items 1.5.3 and 1.7.2 to annex 11)  
>= 0,4 and  
>= 0,6\*E (0.36)

spring parking brake

	axle 1	axle 2
no of TRISTOP-actuators per axle	2	2
TRISTOP-actuator type	T.14/16	T.14/16
lever length	69	69
stat. tyre radius	401	401
at a stroke of	s	in mm
min. force of spring brake	TFZ in N	TFZ in N
sp.brake chamber no Meritor.....	4	4
release pressure	pls in bar	pls in bar
	4.8	4.8

calculation:

ratio until road  
 $iFb = 1Bh * \text{Eta} * C * rBt / (rBn * rstat)$   
 brake force of spring br. TF in N  
 $TF = (TFZ * KDZ - 2 * Co / 1Bh) * iFb$   
 braking rate zf laden \*0.526  
 $zf = \text{sum}(TF) / P + 0,01$

Test of the frictional connection required by the parking brake

minimum wheelbase/minimum supporting width min Ef necessary to fulfill the regulations

$$\text{min Ef} = E * (1 - PR/P + zferf * h/E) / (1 - zferf / (fzul * nf/ng))$$

min Ef = 5317 mm for E = 6900 mm  
 min Ef = 5386 mm for E = 7000 mm

min Ef = minimum distance between frgnt axle(s) (trailer) or support (semitraile) and the rear axle(s) (resultant of the bogie)  
 E = wheel base  
 fzul = 0.80 maximum permissible frictional connection required  
 zferf = 0.18 maximum required braking ratio of the parking brake  
 h = 2100 mm height of center of gravity - laden  
 PR = 19050 kg maximum bogie mass - laden  
 P = 35000 kg maximum total mass - laden  
 nf = 2 no. of axle(s) with TRISTOP spring brake actuators  
 ng = 3 no. of bogie axle(s)



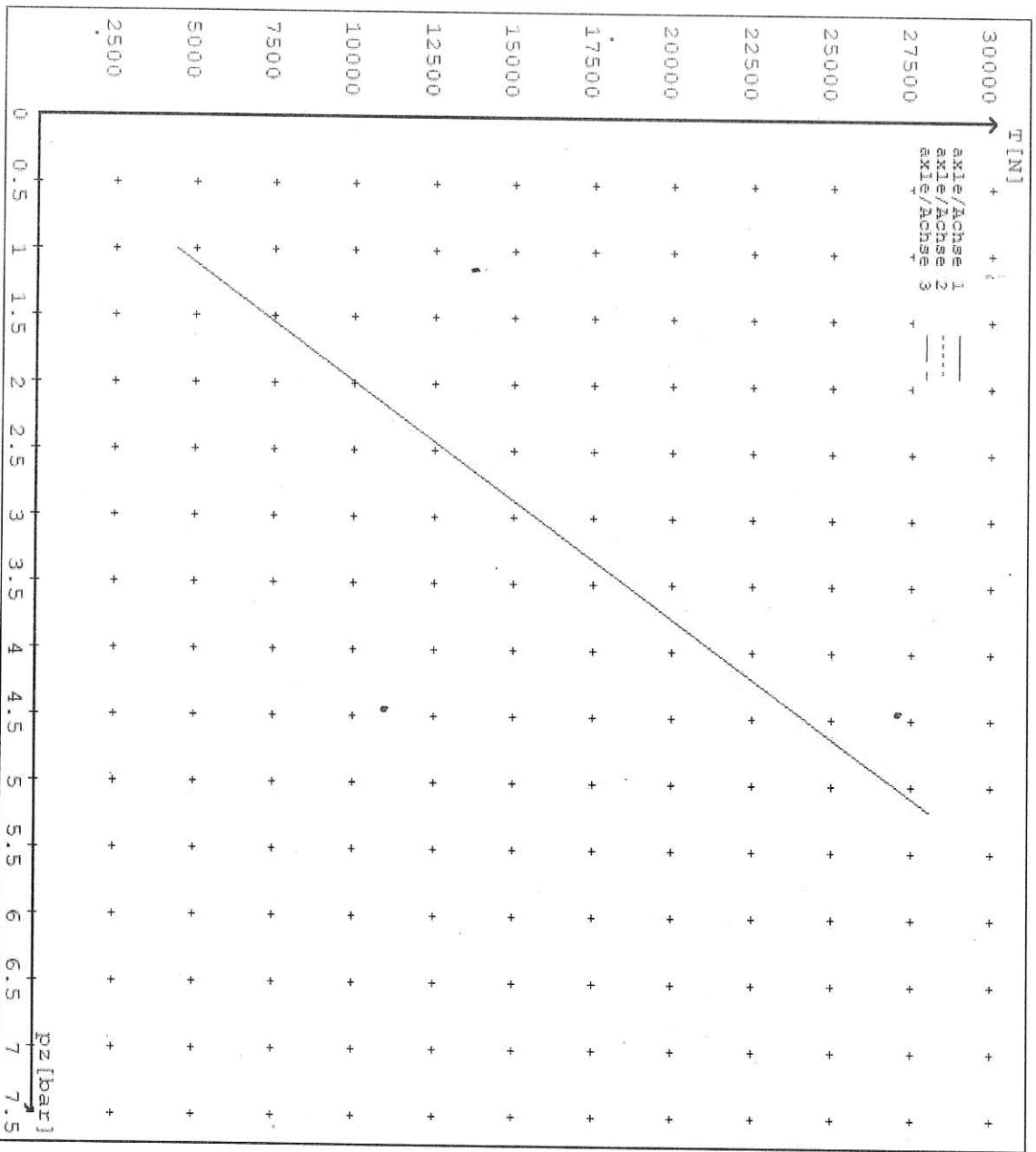
**reference values**

reference values for z = 45% For max rdyn: 421 mm

	pz [bar]	T [N]	T [N]
axle 1	1.0 5.2		4356 28052
axle 2	1.0 5.2		4356 28052
axle 3	1.0 5.2		4356 28052

VIN - no.:

	Axle(s) / Achse(n)		
Brake cylinder type (service / parking)	T.14/24	T.14/24	14./
Bremszylinder Typ (Betrieb / Fest)			/
Maximum stroke smax = ...mm	64	64	64
maximaler Hub smax = ...mm			
Lever length = ...mm	69.08	69.08	69.08
Hebellänge = ...mm			



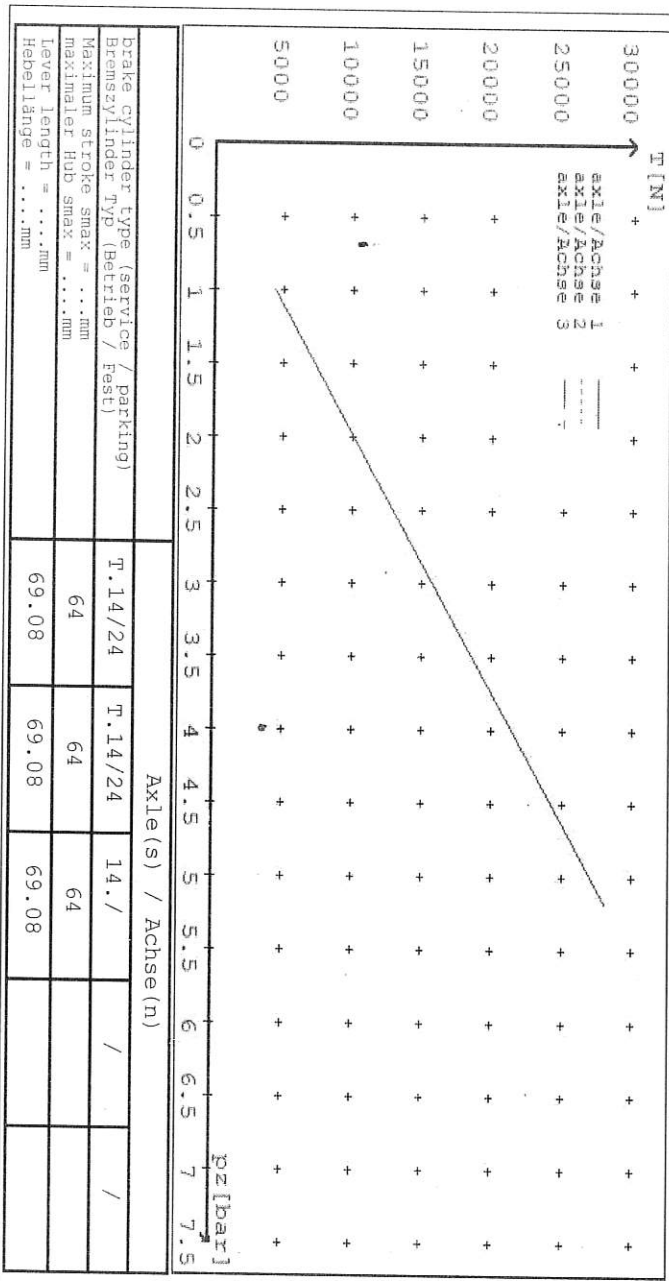
reference values for z = 0.45

Angabe der Referenzwerte für z = 0.45

brake calculation no: TP 522988 date 01.06.2021

Bremsberechnung Nr: TP 522988 vom 01.06.2021

For max rdyN: 421 mm  
für max rdyN: 421 mm



brake cylinder type (service / parking)	T.14/24	T.14/24	14./	/	/
Bremszylinder Typ (Betrieb / Fest)	64	64	64		
Maximum stroke smax = ...mm					
maximaler Hub smax = ...mm					
Lever length = ...mm	69.08	69.08	69.08		
Hebellänge = ...mm					

Axle(s) / Achse(n)	
1	1
2	2
3	3
4	4
5	5
6	6
7	7



## **NOTICE TO VEHICLE OPERATOR**

**THIS VEHICLE HAS A BRAKE SYSTEM WHICH HAS BEEN DESIGNED AND FITTED IN ACCORDANCE WITH THE LAND TRANSPORT HEAVY VEHICLE BRAKE RULE 32015/5.**

**IF THIS VEHICLE IS OPERATED IN CONJUNCTION WITH NON-CERTIFIED VEHICLES, THERE MAY BE OPERATIONAL FACTORS WHICH NEED TO BE TAKEN INTO CONSIDERATION.**

**PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.**

**EXCERPT FROM LAND TRANSPORT RULE; HEAVY-VEHICLE BRAKES RULE 32015/5. SECTION 10,**

### **10.1 RESPONSIBILITIES OF OPERATORS**

A person who operates a vehicle must ensure that the vehicle complies with this rule.

### **10.2 RESPONSIBILITIES OF REPAIRERS**

A person who repairs or adjusts a brake must ensure that the repair or adjustment:

- a) does not prevent the vehicle from complying with this rule;
- b) complies with Land Transport Rule: Vehicle Repair 1998.

### **10.3 RESPONSIBILITIES OF MODIFIERS**

A person who modifies a vehicle so as to affect the braking performance of the vehicle must:

- a) ensure that the modification does not prevent the vehicle from complying with this Rule; and
- b) notify the operator that the vehicle must be inspected and, if necessary, certified by person or organisation appointed to carry out specialist inspection and certification of heavy vehicle brakes.

***IF YOU ARE UNSURE ABOUT YOUR RESPONSIBILITIES, PLEASE CONTACT THE VEHICLE MANUFACTURER, OR MYSELF.***

***COMPLAINTS. Complaints and Warranty issues which relate to Brake Certification will be acknowledged within 7 working days and a resolution proposed within 25 working days. Resolution of complaints and Warranty issues is subject to Transpecs Warranty policy. Customers have the right to appeal to the New Zealand Transport Authority if dissatisfied with a Compliance issue. (Refer NZTA Deed Of Appointment Para 4.7.4) NZTA Helpdesk 0800 699 000***

**(J.Hirst (JEH) HVEK)**



## **NOTICE TO VEHICLE OPERATOR**

This trailer is equipped with an Electronic Brake System.

To comply with the New Zealand Heavy Vehicle Brake Rule 32015/5, it must be used only in conjunction with a truck/tractor equipped with a 5 or 7 pin ABS/EBS power supply socket.

Failure to connect to such supply invalidates Brake Rule compliance.

The trailer ABS/EBS warning light on the towing vehicle dashboard must illuminate when the ignition is switched on and extinguish when the vehicle is in motion.

If the light does not illuminate when ignition is switched on, the system must be checked. If the light remains illuminated when the vehicle is in motion, Brake Rule compliance is compromised. Repairs must be made as soon as possible.

If you are unsure of your responsibilities and/or obligations, please contact either the vehicle manufacturer or myself.

J E Hirst  
(JEH HVEK)  
(09 980 7300)



## NOTICE TO VEHICLE OPERATOR

### WABCO Park Release Emergency Valve (PREV)

This trailer is equipped with a WABCO PREV

Part # 971 002 900 0

Application of the park brake via the cab control valve will actuate and apply all service brakes on the trailer. In the event of a leak in the service brake system the Spring Brakes will automatically override and hold the vehicle in compliance to Land Transport Rule: Heavy-vehicle Brakes Rule 32015/5.

When the vehicle is presented for COF the trailer park brake system is tested by pulling the red actuation knob on the PREV, situated mid way down the chassis rail. The cab control in the prime mover does not have to be applied for this test procedure.

If you are unsure of any aspect relating to this instruction please contact either the vehicle manufacturer or myself.

J E Hirst  
(JEH HVEK)  
(09 980 7300)



**NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015-5  
WORKSHEET, PROCEDURE DOCUMENTATION SHEET  
& CONFIRMATION OF COMPLIANCE**

**CLIENT**

**MANUFACTURER:** DOMETT TRAILERS  
**ADDRESS:** TAURIKURA DRIVE, TAURANGA 3110  
**FLEET:** MAINFREIGHT

**VEHICLE DETAILS**

**VEHICLE TYPE:** 3ASBT CURTAINSIDE      **CERT #:** JH220342  
**YEAR:** 2022      **CALCULATION #:** TP52298  
**MAKE:** DOMETT      **REGO #:** N/A  
**MODEL:** C2003 PH      **LT400 #:** 819430  
**CHASSIS #:** 2130      **ORDER #:** 8508

**VIN #:** 7A9C20039M2023130  
**GVM: t** 33      **PRIME MOVER:** EBS / EUROPEAN

**LOAD CONFIGURATION:** MIXED FREIGHT

**GROUP RATINGS: t**

	FRONT	REAR
WHEEL BASE: <i>m</i>	14	19

	UNLADEN COG <i>m</i>	MAX HEIGHT <i>m</i>	HEIGHT DECK <i>m</i>
COG: <i>m</i>	0.75	4.3	1.075
TARE: <i>t</i>	2.059		

	FRONT	REAR	TOTAL
TYRE SIZE:	2.9	3.6	6.5

**ROLLING CIRCUMFERENCE: *mm***

	FRONT	REAR
AXLE SPACING: <i>m</i>	26570 R19.5	2645
		3



**BRAKE & AXLE DETAILS**

	MAKE	MODEL	TEST REPORT
AXLE:	SAF	SAF-Z19W	TDB0749
STEER AXLE[S]:	NO	POLE WHEEL:	90
LINING MATERIAL:	JURID 539	BRAKE FACTOR:	23.03
SENSED AXLES:	#2	NOTES:	
SERIAL NUMBERS:	1	2	3
	NG-IJ25-Z19	NG-IJ25-Z19	NG-IJ25-Z19
	2		
	3		
	4	N/A	N/A

**CHAMBER AND VALVING DETAILS**

	AXLE 1 & 2	AXLE 3
CHAMBERS:	TSE_CHAMBERS	TSE_CHAMBERS
BRAND:	1416HTLD	14HSCLD
SIZE:	64	64
STROKE: mm	BC0143.0	BZ 122.1 Sep '00
TEST REPORT #:	6.16	N/A
SPRINGBRAKE FORCE: kN	4.8	N/A
HOLDOFF PRESSURE: Bar	WABCO PAN19	WABCO PAN19
FOUNDATION BRAKE:	69	69
LEVER LENGTH: mm	MAKE:	PART NUMBER:
BRAKE VALVES:	WABCO	480 102 08. 0 (MV)
ECU PART #:	N/A	N/A
3RD MODULATOR #:	N/A	N/A
ANTI-COMPOUNDING:	YES	
SPRING BRAKE RELAY:	WABCO_PREV	971 002 900 0
YARD RELEASE VALVE:	WABCO-PREV	971 002 900 0
INLINE RELAY FITTED:	N/A	N/A
ECU DIRECTION:	<input checked="" type="checkbox"/> FRONT	<input type="checkbox"/> REAR
SUBSYSTEMS:	<input checked="" type="checkbox"/> SMARTBOARD	<input type="checkbox"/> OPTI-LINK
	<input type="checkbox"/> ELEX 446 122 070 0	<input type="checkbox"/> TAILGUARD
		<input checked="" type="checkbox"/> CAN R/R 446 122 050/051 0

**SUSPENSION**

	<b>REAR</b>
SUSPENSION TYPE:	PNEUMATIC
MAKE:	SAF_AIRSPRING
MODEL:	SAF_INTRA
BELLOW SIZE:	2619, 300mm
HEIGHT CONTROL VALVE:	N/A
OTHER VALVES:	N/A
RIDE HEIGHT <i>mm</i> :	230
HANGER HEIGHT <i>mm</i> :	200
PEDESTAL HEIGHT <i>mm</i> :	5
LIFTAXLE:	N/A
DUMP SWITCH:	N/A
LIFTAXLE VALVE:	N/A

**AIR TANKS**

AIR TANKS STANDARD:	SAE J10A / EN286-2
	<b>REAR</b>
BRAKE TANK SIZE: L	46 + 25
AUXILIARY TANK SIZE: L	46
PRESSURE PROTECTION:	WABCO PEM: 461 513 002 0

**AIR LINES**

TEST POINTS:	
CONTROL LINE:	X 1
FIXED AXLE CHAMBERS:	X 2
STEER AXLE CHAMBERS:	N/A
DUOMATIC COLOUR CODED:	YES
TANK:	X 1

**ELECTRONIC HEIGHT SENSOR CALIBRATION**

	TIMER TICKS [F/R]	MILLIMETRE mm [F / R]
UPPER LEVEL:	N/A	N/A
NORMAL LEVEL:	N/A	N/A
LOWER LEVEL:	N/A	N/A

**CHECKS AT COMMISSION OF VEHICLE**

CHAMBER BUNGS REMOVED:	<input checked="" type="checkbox"/>	VALVE MOUNTING:	<input checked="" type="checkbox"/>
ECU BLANKING PLUGS CHECKED:	<input checked="" type="checkbox"/>	DUOMATIC DRILLED:	<input checked="" type="checkbox"/>
RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	210	220	N/A

**NOTES AND SPECIAL CONDITIONS**

FILES RECEIVED: 31.08.2021

FILES CREATED & SENT TO CIC: 31.03.2022

FINAL INSPECTION & SIGN OFF SCHEDULED FOR: 01.04.2022

FILES RETURNED AS COMPLETE:

REASON FOR CERTIFICATION: NEW TRAILER BUILD

I UNDERSTAND AND DECLARE THAT I AM THE CERTIFIER IDENTIFIED BELOW AND HOLD A CURRENT VALID APPOINTMENT. I CERTIFY THAT AT THE TIME OF INSPECTION THE ABOVE MENTIONED VEHICLE COMPONENT DESIGN AND THIS CERTIFICATION COMPLIES IN ALL RESPECTS WITH THE LAND TRANSPORT RULE VEHICLE STANDARDS COMPLIANCE 2002 AND MY DEED OF APPOINTMENT. TO THE BEST OF MY KNOWLEDGE THE INFORMATION CONTAINED IN THIS CERTIFICATE IS TRUE AND CORRECT.

NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015/5, SCHEDULE 5.

DATE:

1/04/2022

SIGNED:

CERTIFIER NAME & ID:

CHRIS CLARKE

CJC

SODC BY:

JOHN HIRST

JEH

PHONE (BUS):

09-980-7300

FAX:

POSTAL ADDRESS:

P.O. Box 98-971, Manukau 2241

New Zealand