

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS)

CHRIS CLARKE

ID

CJC

Plate number (optional)

VIN/chassis number

7A9C20039N2023193

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 **RSS ON TYRE: 265 70 R19.5**
 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

JH220503

BRAKE CALCULATION #

TP52499

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

51510

Date

09.05.2022

Number

825541

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	2021-11-03	Serial number	897040743100E
Serial number (modulator)	000000544194		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-05-06 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO

TRAILER EBS-E

GGWS/ADR TUEH TB 2007 - 019.00
361-0071-04

HERSTELLER FABRIK CONSTRUCTEUR	DOMETT TRAILERS		
TYPE TYPE	3ASBTF CURTAINSIDE		
VERSION ET/OU NUMERO CHASSIS NUMBER NUMERO DE CHASSIS	7A9C20039N2023193		
BESCHREIBUNGS-ART SIUAVE CALCULATION NO. CALCUL. DE FRENAVIG NO.	TP52499S		
POLSAZNAHNEZARJED POLE VHELI TEBTH cd / ed DENTS ROUE DENTRE cd / ed	90	---	ABS-System Systeme ABS
Einbaueinheit Single axle Monte simple			Leitachse Steering axle Système directionnel
Zwillingssperre Monte jumelle	X		Kopfrichtungs-Fahrzeug Vehicule critique
Subsystems	SB	I/O	24N

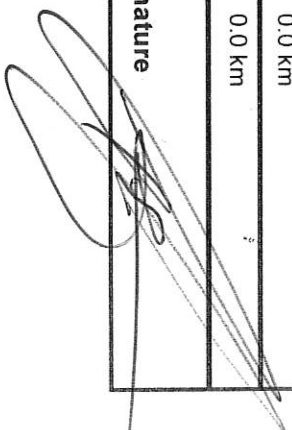
ACHSE AXLE ESSIU	pm (bar)	6.5	pm (bar)	0.8	2.0	---	6.5	TR (dan)	Pz
1	1450	0.5	2.3	6350	3.6	0.5	1.5	---	5.5
2	1450	0.5	2.3	6350	3.6	0.5	1.5	---	5.5
3	1450	0.5	2.3	6350	3.6	0.5	1.5	---	5.5
4	0	---	---	0	---	---	---	---	---
5	0	---	---	0	---	---	---	---	---

ACHSE AXLE ESSIU	pm (bar)	6.5	pm (bar)	0.8	2.0	---	6.5	TR (dan)	Pz
1	1450	0.5	2.3	6350	3.6	0.5	1.5	---	5.5
2	1450	0.5	2.3	6350	3.6	0.5	1.5	---	5.5
3	1450	0.5	2.3	6350	3.6	0.5	1.5	---	5.5
4	0	---	---	0	---	---	---	---	---
5	0	---	---	0	---	---	---	---	---

TEBS-E

Diagnostic memory	OK	Warning lamp control	OK
Parameter setting	carried out	Stop light supply	OK
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	TailGUARD	Not tested
Manufacturer	DOMETT TRAILERS	Vehicle ident. no.	7A9C20039N2023193
Vehicle type	3ASBTF CURTAINSIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-05-06 9:38:48 am		

distribution: DOMETT TRAILERS
 7A9C20039N2023193
 SODC: JH220503
 LT400: CJC 825541

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 commend to do a braking harmonisation!
 WABCOBrake V6.18.07.12 dp 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: 16/24
 265/70 R 19,5

axle 1 + 2 + 3 : Assali Stefen, K, 361-071-04 ECE Re 432,

	P	in	kg	unladen	Laden
total mass	PS	kg	6000	-	7000
king-pin	PS	kg	1650	-	2650
axle 1	P1	in			1450
axle 2	P2	in			1450
axle 3	P3	in			1450
total axle mass	PR	in.kg			4350
wheel base	E	in		6900	-
centre of gravity height	h	in		1010	
K-factor	Kv	min		1.9180	
K-factor	Kv	max		1.9295	
					Kc min 0.9924
					Kc max 1.0038

	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	BC 0165.2BC	0165.2BC	0169.2
brake chamber manufacturer	Haldex	Haldex	Haldex
chamber size	16/24	16/24	16"
lever length	74	74	74
brake factor	20.26	20.26	20.26
dyn. rolling radius	421	421	421
dyn. rolling radius	rdyn max	in	mm
threshold torque	Co	Nm	7.0

calculation:

	min)	pH at z=22,5%bar	max)	pH at z=22,5%bar
chamber pressure(rdyn	2.3		2.3	
chamber pressure(rdyn	2.3		2.3	
chamber press.(servo)	pcha	at pm6,5bar	bar	
piston force	THA	at pm6,5bar	N	5.5
brake force(rdyn min)	T lad.	at pm6,5bar	N	5294
brake force(rdyn max)	T lad.	at pm6,5bar	N	37655
Brake force incl. 1 % rolling resistance			N	37655
proportion	%			33.3

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

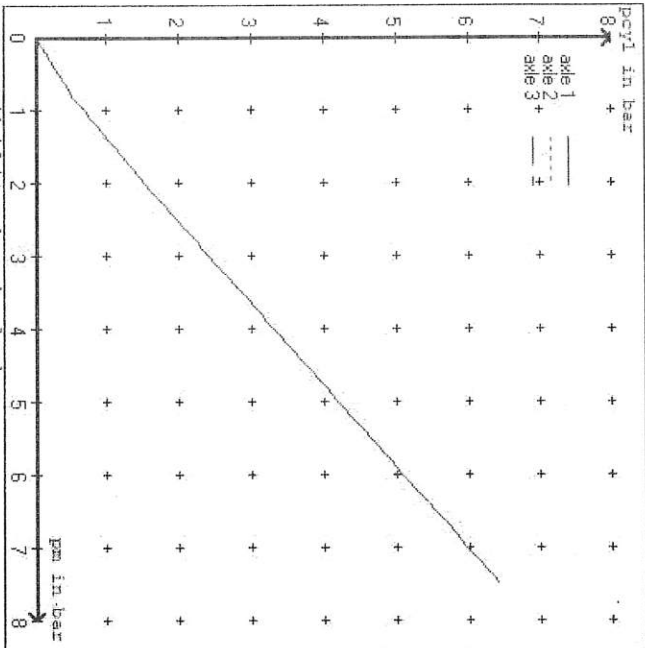
axle 1:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve
valve 2: 480 102 ... 0 WABCO
EBS trailer modulator
brake cylinder: Haldex 135 1624 ... / 175 1624...

axle 2:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve
valve 2: 480 102 ... 0 WABCO
EBS trailer modulator
brake cylinder: Haldex 135 1624 ... / 175 1624...

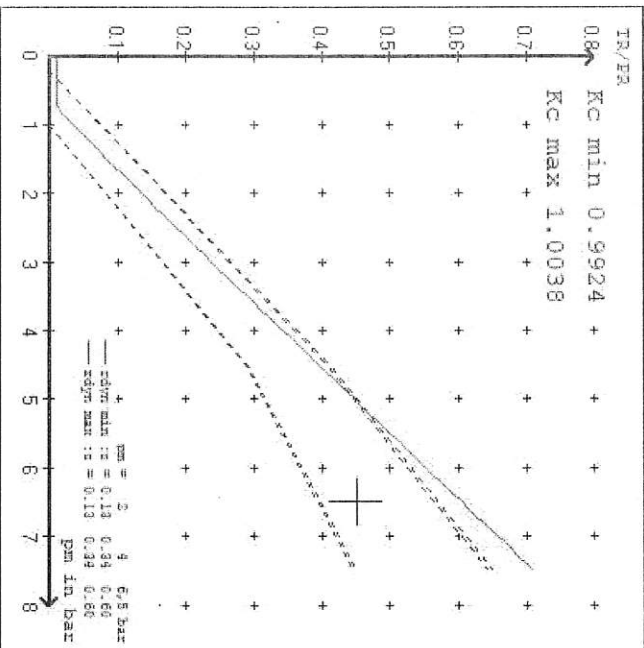
axle 3:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve
valve 2: 480 102 ... 0 () WABCO or 480 207 0.. 0 / 2.. 0
EBS trailer modulator
brake cylinder: Haldex 125 160 0.. - 125 160 5.. / 125 160 6.. - 125 160 9..

test type III (zIII = 0.30) for rdyn min : axle1 axle2 axle3
at pm 3.6 bar => pcha in bar : 2.9 2.9 2.9
test type III (zIII = 0.06) for rdyn min : axle1 axle2 axle3
at pm 1.3 bar => pcha in bar : 0.9 0.9 0.9

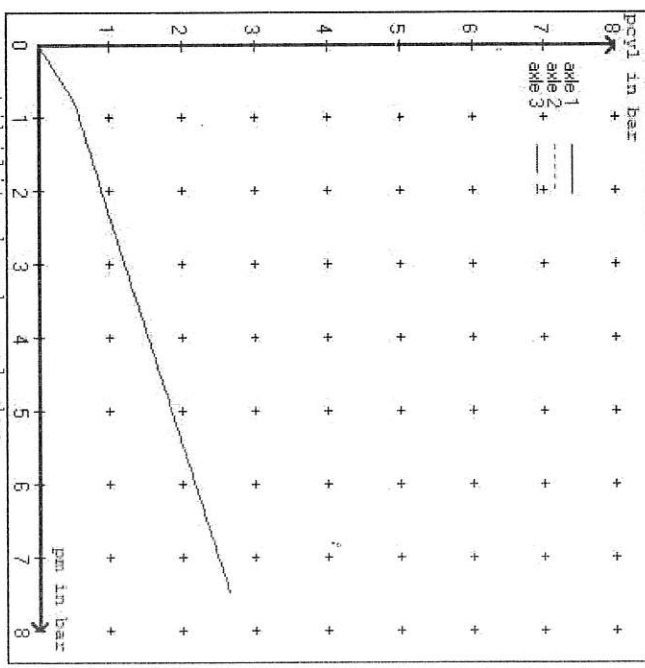
brake chamber pressure laden



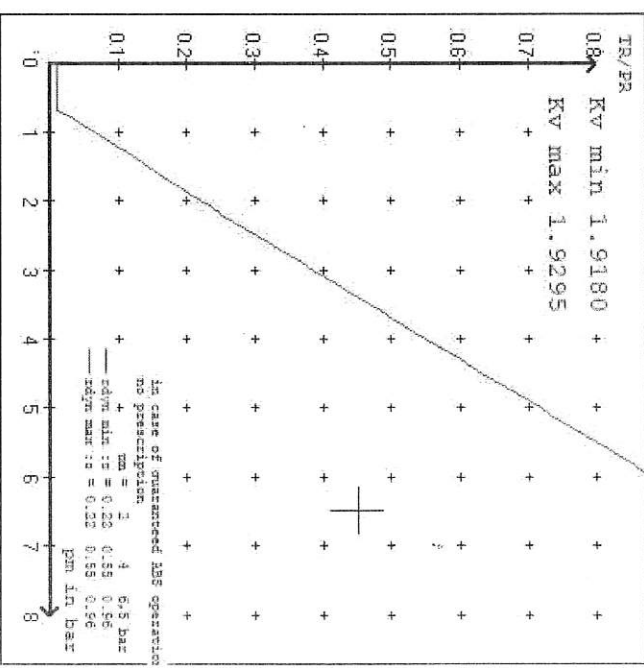
compatibility band laden



brake chamber pressure unladen



compatibility band unladen



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 16/24 (Haldex) lever length 74 mm
 axle 2 : 2 x type/diameter 16/24 (Haldex) lever length 74 mm
 axle 3 : 2 x type/diameter 16" (Haldex) lever length 74 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 52499S

tire circumference main axle : 2650 for rdyn max
 tire circumference auxiliary 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	axle load laden	control pressure pm		brake pr. laden	
	axle load unladen	bellow pr. unladen			bellow pr. laden	brake pr. laden		
1	1450	to be	2.3	6350	to be	0.5	1.5	5.5
2	1450	entered by	2.3	6350	entered by	0.5	1.5	5.5
3	1450	the vehicle	2.3	6350	the vehicle	0.5	1.5	5.5
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 liftaxes 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  pcyl      axle load  pcyl      axle load  pcyl
1450      2.3      1450      2.3      1450      2.3
1950      2.6      1950      2.6      1950      2.6
2450      3.0      2450      3.0      2450      3.0
2950      3.3      2950      3.3      2950      3.3
3450      3.6      3450      3.6      3450      3.6
3950      3.9      3950      3.9      3950      3.9
4450      4.3      4450      4.3      4450      4.3
4950      4.6      4950      4.6      4950      4.6
6350      5.5      6350      5.5      6350      5.5
=====
  
```

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

axle 1 : reference axle: Assali SteFTM or LM or LCen	361-071-04 ECE Re 432	brake lining: ROR 8616 AF (M13)
test report :		date : GA310709
axle 2 : reference axle: Assali SteFTM or LM or LCen	361-071-04 ECE Re 432	brake lining: ROR 8616 AF (M13)
test report :		date : GA310709
axle 3 : reference axle: Assali SteFTM or LM or LCen	361-071-04 ECE Re 432	brake lining: ROR 8616 AF (M13)
test report :		date : GA310709

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 = 17.3 % Fe
axle 2	(rdyn 421 mm)	T = 17.3 % Fe
axle 3	(rdyn 421 mm)	T = 17.3 % Fe

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

axle 1	(sp = 51 mm)	s = 38 mm
axle 2	(sp = 51 mm)	s = 38 mm
axle 3	(sp = 51 mm)	s = 38 mm

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

axle1	ThA = 5294 N
axle2	ThA = 5294 N
axle3	ThA = 5294 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 = 32282 N
axle 2	(rdyn 421 mm)	T = 32282 N
axle 3	(rdyn 421 mm)	T = 32282 N

basic test	type III
of subject	(calculated)
trailer (E)	residual

braking rate of the vehicle
(item 4.3.2 to appendix 2 to annex 11) 0.60 (hot)braking 0.52

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 = 32282 N
axle 2	(rdyn 421 mm)	T = 32282 N
axle 3	(rdyn 421 mm)	T = 32282 N

basic test	type III
of subject	(calculated)
trailer (E)	residual

braking rate of the vehicle
(item 4.3.2 to appendix 2 to annex 11) 0.60 (hot)braking 0.52

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 line KDZ	2	2
TRISTOP-actuator type	16/24	16/24
lever length	74	74
stat. tyre radius	401	401
	LBh in mm	
at a stroke of	s	in mm
min. force of spring brake	TFZ in N	
sp.brake chamber no Haldex	135 162	135 162
sp.brake chamber no Haldex	175 162	175 162
release pressure	5.2	5.2
	pls in bar	

Calculation:

ratio until road 3.7388 3.7388
 $iFb = 1Bh * \eta_{ta} * C * r_{Bt} / (r_{Bn} * r_{stat})$
 for rstat in mm 401 401
 brake force of spring br. TF in N 44180 44180
 $TF = (TFZ * KDZ - 2 * Co / 1Bh) * iFb$
 braking rate z_f laden 0.483
 $z_f = \text{sum}(TF) / P + 0,01$

Test of the frictional connection required by the parking brake

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

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

min Ef =	5145 mm	for E =	6900 mm
min Ef =	5211 mm	for E =	7000 mm

min Ef = minimum distance between front axle(s) (trailer) or support (semitrailer)
 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 = 2080 mm height of center of gravity - laden
 PR = 19050 kg maximum bogie mass - laden
 P = 34000 kg maximum total mass - laden
 nf = 2 no. of axle(s) with TRISTOP spring brake actuators
 ng = 3 no. of bogie axle(s)

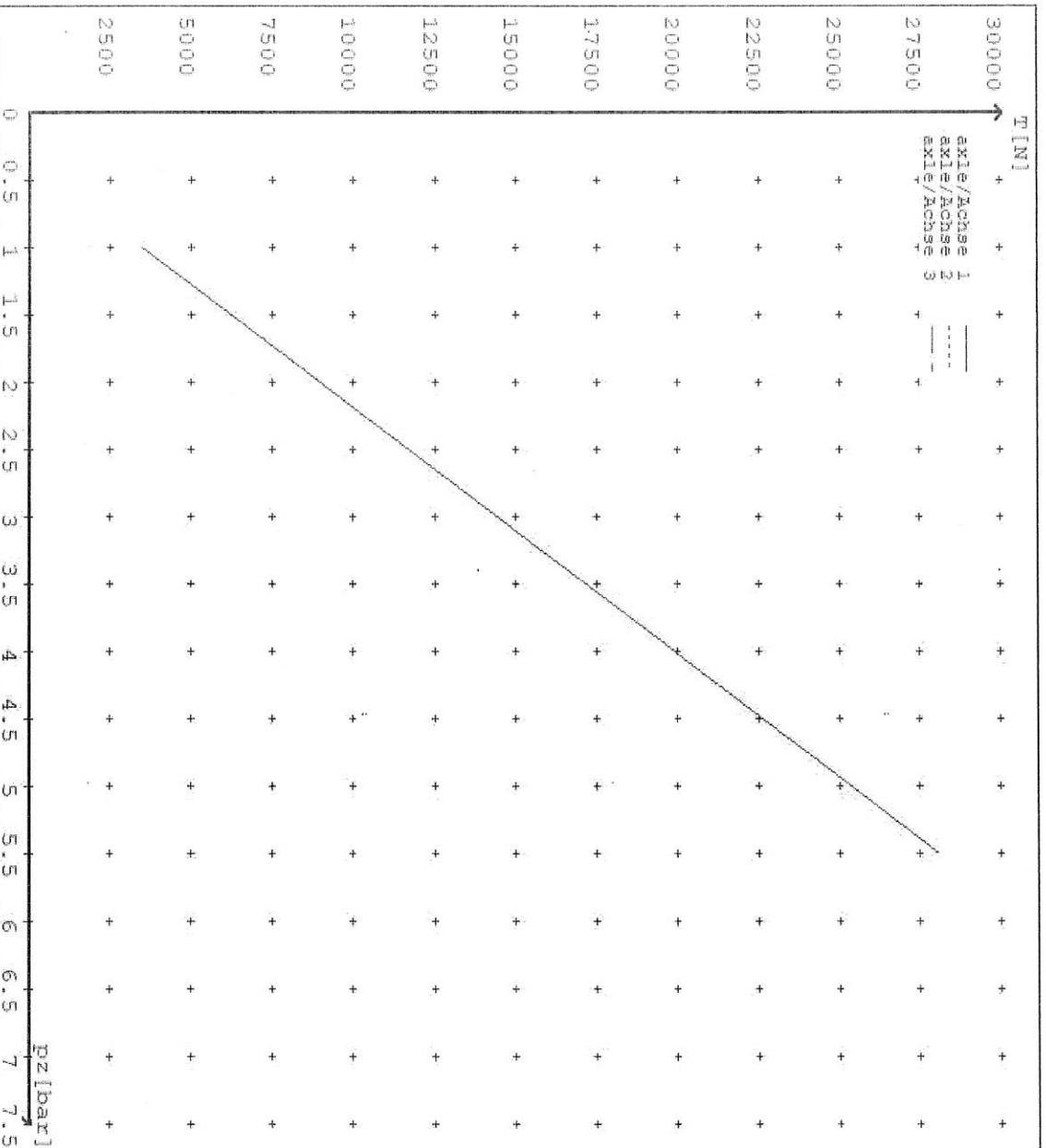
reference values

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

	pz [bar]	T [N]	T [N]
axle 1	1.0 5.5		3459 28054
axle 2	1.0 5.5		3459 28054
axle 3	1.0 5.5		3459 28054

VIN - no.:

	Axle(s) / Achse(n)			
brake cylinder type (service / parking)	16/24	16/24	16" /	/
Bremszylinder Typ (Betrieb / Fest)	65	65	65	
Maximum stroke smax = ...mm				
maximaler Hub smax = ...mm				
Lever length = ...mm	74	74	74	
Hebellänge = ...mm				





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.

EXCEPT 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

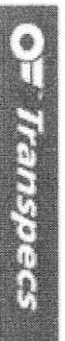
A person who modifies a vehicle so as to affect the braking performance of the vehicle must:

- 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 HVBK)
(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: FITCHETT LINEHAUL LTD

VEHICLE DETAILS

VEHICLE TYPE: 3ASBTF CURTAINSIDE **CERT #:** JH220503
YEAR: 2022 **CALCULATION #:** TP52499
MAKE: DOMETT **REGO #:** N/A
MODEL: C2003 PH **LT400 #:** 825541
CHASSIS #: 2193 **ORDER #:** 8775

VIN #: 7A9C20039N2023193
GVM: t 33 **PRIME MOVER:** FBS / EUROPEAN

LOAD CONFIGURATION: MIXED FREIGHT

GROUP RATINGS: t

FRONT	REAR
14	19

WHEEL BASE: m 6.96

UNLADEN COG <i>m</i>	MAX HEIGHT <i>m</i>	HEIGHT DECK <i>m</i>
1.01	4.3	1.125
2.078		

TARE: t	FRONT	REAR	TOTAL
	1.75	4.35	6.1

TYRE SIZE: REAR 265 70 R19.5

ROLLING CIRCUMFERENCE: mm 2645

AXLE SPACING: m 3

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	ROR_ASSALI_STEFFEN	ROR-CS9 I DISC	361-071-04
STEER AXLE(S):	NO	POLE WHEEL:	90
LINING MATERIAL:	ROR 8616	BRAKE FACTOR:	20.26
SENSED AXLE(S):	# 2	NOTES:	
SERIAL NUMBERS:	1 N/A	ROR CS9L	
	2 N/A	ROR CS9L	
	3 N/A	ROR CS9L	
	4 N/A	N/A	

CHAMBER AND VALVING DETAILS

	AXLE 1 & 2	AXLE 3	
CHAMBERS:	HALDEX_CHAMBERS	HALDEX_CHAMBERS	
BRAND:	1624 (135 1624)	16, (125 160)	
SIZE:	65	65	
STROKE: mm	BC0165.0	BC0169.0	
TEST REPORT #:	6.003	N/A	
SPRINGBRAKE FORCE: kN	5.2	N/A	
HOLDOFF PRESSURE: Bar	MERITOR	MERITOR	
FOUNDATION BRAKE:	74	74	
LEVER LENGTH: mm	MAKE:	PART NUMBER:	PMI PRESS. kPa
BRAKE VALVES:	WABCO	480 102 08. 0 (MV)	80 kPa
ECU PART #:	N/A	N/A	N/A
3RD MODULATOR #:	YES		
ANTI-COMPOUNDING:	WABCO_PREV	971 002 900 0	
SPRING BRAKE RELAY:	WABCO-PREV	971 002 900 0	
YARD RELEASE VALVE:	N/A	N/A	
INLINE RELAY FITTED:			

- ECU DIRECTION: FRONT REAR
- SUBSYSTEMS: SMARTBOARD OPTI-LINK CAN R/R 446 122 050/051 0
- ELEX 446 122 070 0 TAILGUARD

SUSPENSION

	REAR
SUSPENSION TYPE:	PNEUMATIC
MAKE:	ROR_AIRSPRING
MODEL:	ROR_INTRA
BELLOW SIZE:	CS9I
HEIGHT CONTROL VALVE:	HALDEX 90554950
OTHER VALVES:	N/A
RIDE HEIGHT mm :	245
HANGER HEIGHT mm :	* 225
PEDESTAL HEIGHT mm :	* 50
LIFTAXLE:	N/A
DUMP SWITCH:	N/A
LIFTAXLE VALVE:	N/A

AIR TANKS

AIR TANKS STANDARD:	SAE J10A / EN286-2
	REAR
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: 28.01.2022

FILES CREATED & SENT TO CIC: 03.05.2022

FINAL INSPECTION & SIGN OFF SCHEDULED FOR:

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: 6/05/2022

SIGNED:

CERTIFIER NAME & ID:

CHRIS CLARKE

CIC

SODC BY:

JOHN HIRST

JEH

PHONE (BUS):

09-980-7300

FAX:

 POSTAL ADDRESS: P.O. Box 98-971, Manukau 2241
 New Zealand