

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

Plate number (optional) VIN/chassis number **7A9D10018R2023388**

Make : **DOMETT** Component being certified: Chassis Load anchorage
 Model (optional) **D1001** 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: NZ HEAVY VEHICLE BRAKE SPECIFICATION.
 CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.
 4A TANKER RSS ON TYRE: 265 70 R19.5
 FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.

Code/standard/rule certified to **LTR 32015, SCHEDULE 5** Component load rating(s)
26 Tonnes GVM
 General drawing number(s) **N/A** **15 Tonne (Front group ratings)**
15 Tonne (Rear group ratings)


Supporting documents
BRAKE RULE CERTIFICATE LC240507
BRAKE CALCULATION # 2023. ROR 4A WPC

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) **LANCE CAWTE LPC**
 Inspector's signature 
 Inspector's name (PRINT IN CAPS) **CHRIS CLARKE** ID number **CJC**
 Date **20-May-24** Number **A 50311**

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

WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 064 0
Production date	2023-07-19	Serial number	896068843600K
Serial number (modulator)	000000635661		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2024-05-20 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO		TRAILER EBS-E		GGVS/ADR TUEH TB 2021 - 082 361-071-04		
HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT		GIO	Pin1	Pin3	Pin4
TYP TYPE TYPE	4A TANKER, D1001		1	24 V-O1	---	---
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9D10018R2023388		2	---	---	---
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP2023 ROR 4A WPC		3	ALS2	ALS2	---
POLRADZÄHNEZAHL c-d e-f POLE WHEEL TEETH c-d e-f DENTS ROUE DENTÉE c-d e-f	90	90	4	---	---	---
		ABS-System ABS-System Système ABS	5	DIAG/TS	DIAG/TS	DIAG/TS
RSS RSS RSS	Einfachbereifung Single tire Monte simple	Lenkachse Steering axle Essieu vireur	6	---	---	---
	Zwillingsbereifung Twin tires / Super single Monte jumelée	Kippkritisches Fahrzeug Critical Trailer Véhicule critique	7	---	---	---
Subsystems	---	I/O	24N			

	pm (bar)		6.5	pm (bar)		0.8	2.0	---	6.5					(bar)	
														1.0	Pz
ACHSE AXLE ESSIEU									pz	TYP TYPE	(mm)	(mm)		TR (daN)	
1	1400	0.5	1.6	7500	4.5	0.4	1.5	---	6.1	-	20	65	74	472	4202
2	1400	0.5	1.6	7500	4.5	0.4	1.5	---	6.1	-	20	65	74	472	4202
3	1200	0.4	1.3	7500	4.5	0.4	1.6	---	5.3	-	16 / 24	64	74	420	3153
4	1200	0.4	1.3	7500	4.5	0.4	1.6	---	5.3	-	16 / 24	64	74	420	3153
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	Vehicle ident. no.	7A9D10018R2023388
Vehicle type	4A TANKER, D1001	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature	
Date	2024-05-20 3:16:23 pm		

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

distribution: DOMETT
2023. ROR 4A WPC

please note!

This brake calculation is made under consideration of
 -the legal precriptions 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 db 31.08.2018

vehicle manufacturer: DOMETT
 trailer model : 4A TANKER, D1001
 trailer type : 4-axle-full-trailer
 remarks : air / hydraulic / VA suspension
 WABCO TRAILER - EBS
 TRISTOP 3+4: T.16/24
 265/70 R 19,5

axle 1 + 2 + 3 + 4 : Assali Stefen, K, 361-071-04 ECE Re 518,

		<u>unladen</u>	<u>laden</u>
total mass	P in kg	5200	30000
axle 1	P1 in kg	1400	7500
axle 2	P2 in kg	1400	7500
axle 3	P3 in kg	1200	7500
axle 4	P4 in kg	1200	7500
wheel base	E in mm	5070 - 5070	
centre of gravity height	h in mm	700	1492

	<u>axle 1</u>	<u>axle 2</u>	<u>axle 3</u>	<u>axle 4</u>
no. of combined axles	1	1	1	1
no. of brake chambers per axle line KDZ	2	2	2	2
The power output corresponds to	BZ 122.1	BZ 122.1	BZ 119.6	BZ 119.6
brake chamber manufacturer	Meritor	Meritor	Meritor	Meritor
chamber size	20.	20.	T.16/24	T.16/24
lever length lBh in mm	74	74	74	74
brake factor [-]	20.26	20.26	20.26	20.26
dyn. rolling radius rdyn min in mm	421	421	421	421
dyn. rolling radius rdyn max in mm	421	421	421	421
threshold torque Co Nm	7.0	7.0	7.0	7.0

calculation:

chamber pressure(rdyn min)pH at z=22,5%bar	2.4	2.4	2.3	2.3
chamber pressure(rdyn max)pH at z=22,5%bar	2.4	2.4	2.3	2.3
chamber press.(servo)pcha at pm6,5bar bar	6.1	6.1	5.3	5.3
piston force ThA at pm6,5bar N	7071	7071	5304	5304
brake force(rdyn min)T lad. at pm6,5bar N	50425	50425	37841	37841
brake force(rdyn max)T lad. at pm6,5bar N	50425	50425	37841	37841
Brake force incl. 1 % rolling resistance proportion %	26.7	26.7	23.3	23.3

braking rate z laden 0.600 for rdyn min
 z = sum (TR)/PRmax 0.600 for rdyn max

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

brake diagram :

maximum pressure: 8.5 bar

axle 1:

valve 1: 480 207 0.. 0 WABCO or 480 207 2.. 0
EBS relay valve

brake cylinder: Meritor 20HSCLD65

axle 2:

valve 1: 480 207 0.. 0 WABCO or 480 207 2.. 0
EBS relay valve

brake cylinder: Meritor 20HSCLD65

axle 3:

valve 1: 480 102 ... 0 WABCO
EBS trailer modulator

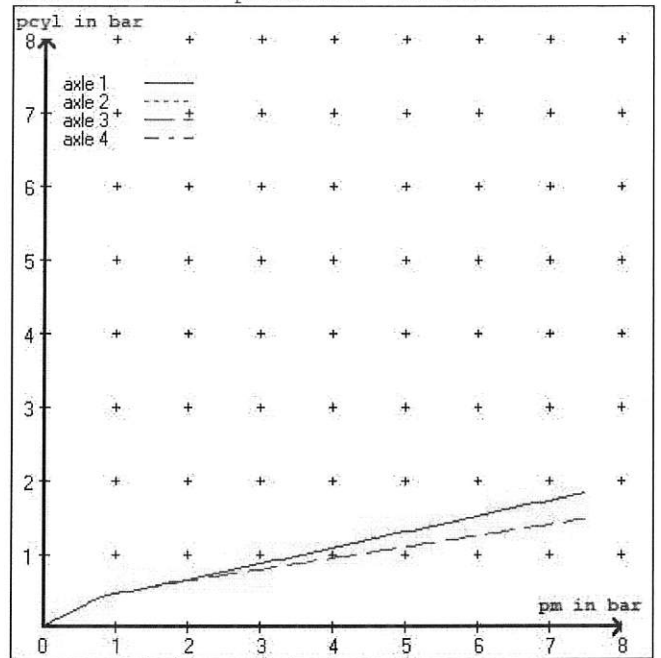
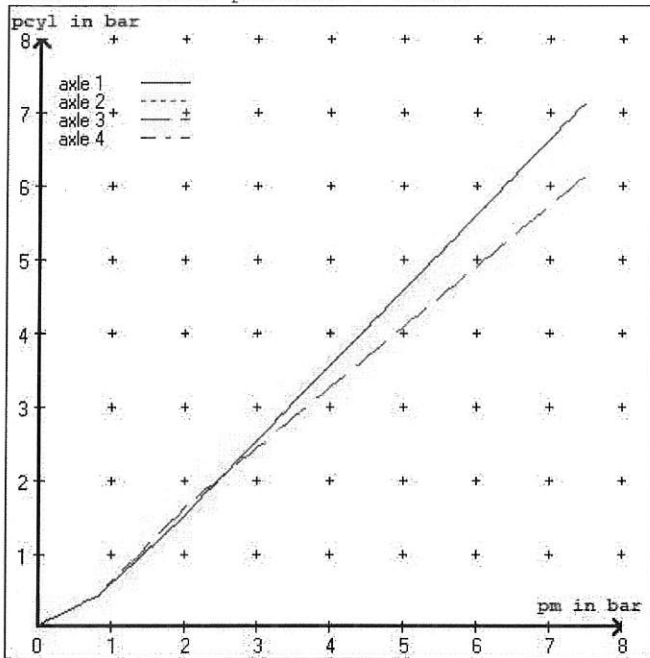
brake cylinder: Meritor 1624HTLD64

axle 4:

valve 1: 480 102 ... 0 WABCO
EBS trailer modulator

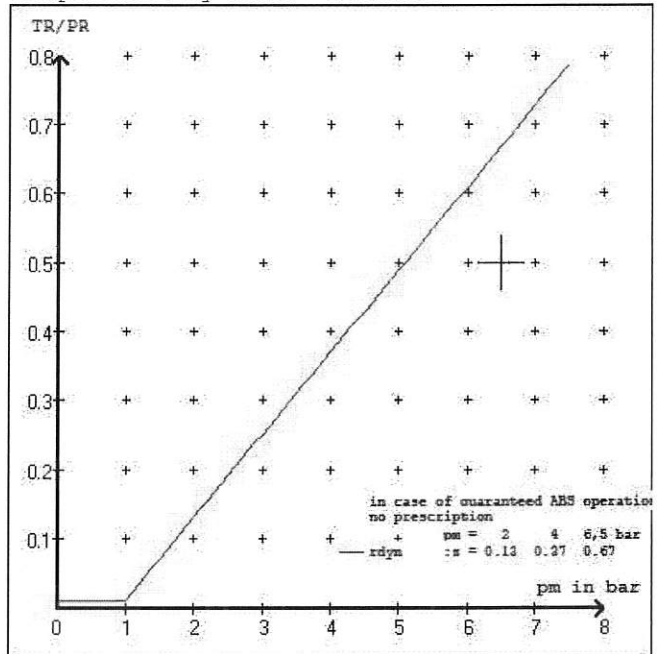
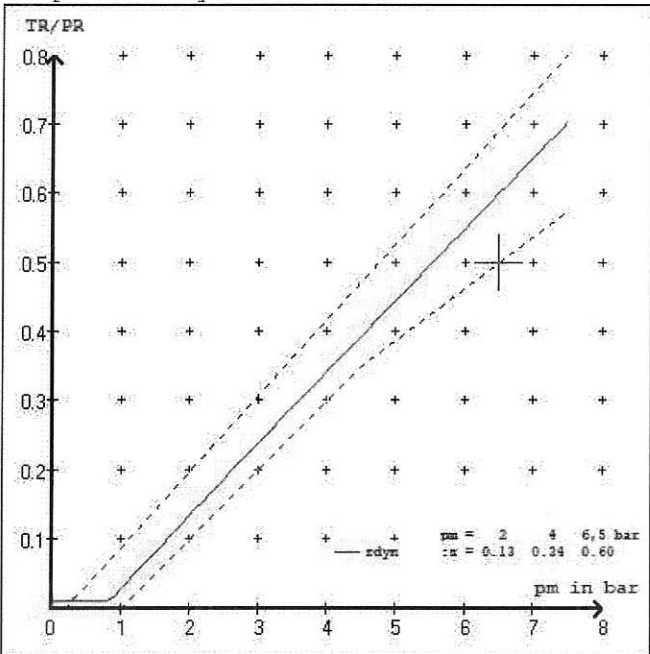
brake cylinder: Meritor 1624HTLD64

test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	
at pm 3.6 bar =>	pcha in bar :	3.1	3.1	2.9	2.9	
test type III (zIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	
at pm 1.3 bar =>	pcha in bar :	0.9	0.9	0.9	0.9	



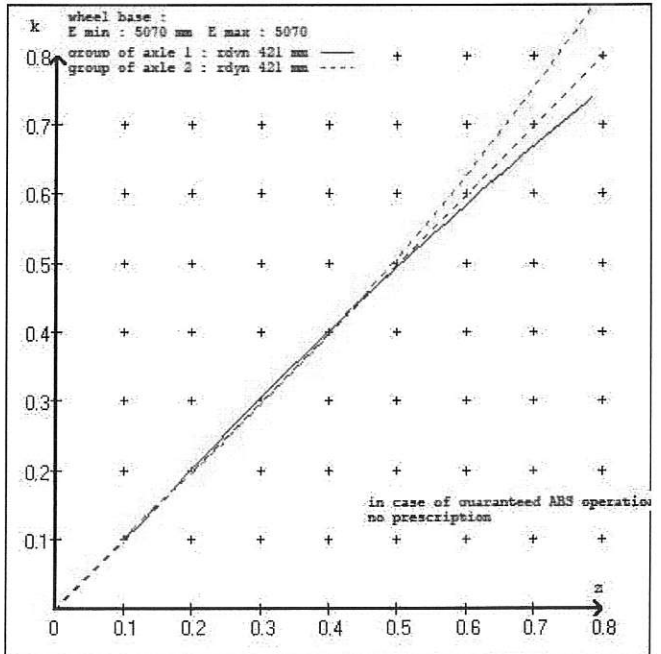
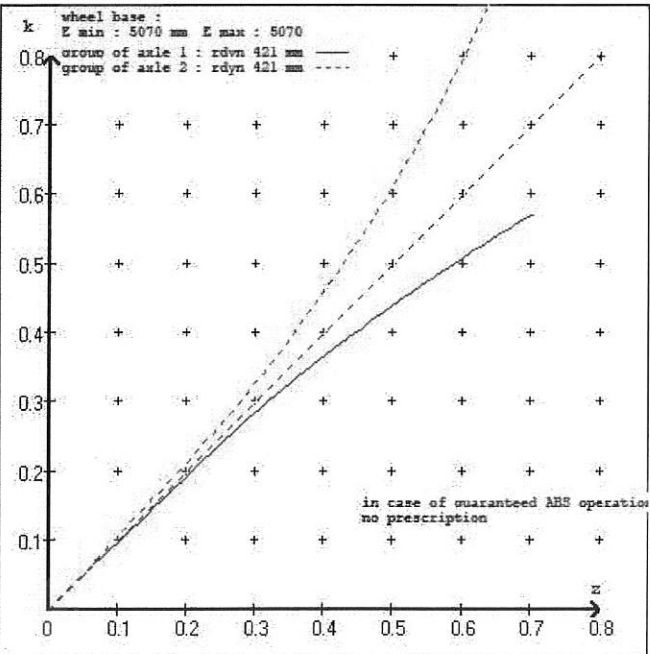
compatibility band laden

compatibility band unladen



curves of friction laden

curves of friction unladen



vehicle manufacturer: DOMETT
 trailer model : 4A TANKER, D1001
 trailer type : 4-axle-full-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter 20. (Meritor) lever length 74 mm
 axle 2 : 2 x type/diameter 20. (Meritor) lever length 74 mm
 axle 3 : 2 x type/diameter T.16/24 (Meritor) lever length 74 mm
 axle 4 : 2 x type/diameter T.16/24 (Meritor) lever length 74 mm

brake diagram :

valve :

480 207 0.. 0 WABCO EBS relay valve or 480 207 2.. 0
 480 102 ... 0 WABCO EBS trailer modulator

EBS input data

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vehicle manufacturer: DOMETT
 trailer model : 4A TANKER, D1001
 trailer type : 4-axle-full-trailer
 brake calculation no. : TP 2023A

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
 (laden condition) 2.0 bar z = 0.134
 6.5 bar z = 0.600

control pressure pm			6,5	control pressure pm			0.8	2.0	6.5
axle	axle load unladen	bellow pr. unladen	brake pr. unladen	axle load laden	bellow pr. laden	brake pr. laden			
1	1400	to be	1.6	7500	to be	0.4	1.5	6.1	
2	1400	entered by	1.6	7500	entered by	0.4	1.5	6.1	
3	1200	the vehicle	1.3	7500	the vehicle	0.4	1.6	5.3	
4	1200	manufact.	1.3	7500	manufact.	0.4	1.6	5.3	
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.

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axle 1	axle 2	axle 3	axle 4
axle load pcy1	axle load pcy1	axle load pcy1	axle load pcy1
1400	1.6	1400	1.6
1900	2.0	1900	2.0
2400	2.3	2400	2.3
2900	2.7	2900	2.7
3400	3.1	3400	3.1
3900	3.4	3900	3.4
4400	3.8	4400	3.8
4900	4.2	4900	4.2
7500	6.1	7500	6.1

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	brake lining: ROR 8616 AF (M13)
test report : 361-071-04 ECE Re 518	date : GA140710
axle 2 : reference axle: Assali StefTM or LM or LCen	brake lining: ROR 8616 AF (M13)
test report : 361-071-04 ECE Re 518	date : GA140710
axle 3 : reference axle: Assali StefTM or LM or LCen	brake lining: ROR 8616 AF (M13)
test report : 361-071-04 ECE Re 518	date : GA140710
axle 4 : reference axle: Assali StefTM or LM or LCen	brake lining: ROR 8616 AF (M13)
test report : 361-071-04 ECE Re 518	date : GA140710

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 = 22.7 % Fe
axle 2	(rdyn 421 mm)	T = 22.7 % Fe
axle 3	(rdyn 421 mm)	T = 18.2 % Fe
axle 4	(rdyn 421 mm)	T = 18.2 % Fe

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

axle 1	(sp = 58 mm)	s = 37 mm
axle 2	(sp = 58 mm)	s = 37 mm
axle 3	(sp = 57 mm)	s = 37 mm
axle 4	(sp = 57 mm)	s = 37 mm

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

axle1	ThA = 7071 N
axle2	ThA = 7071 N
axle3	ThA = 5304 N
axle4	ThA = 5304 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 = 53660 N
axle 2	(rdyn 421 mm)	T = 53660 N
axle 3	(rdyn 421 mm)	T = 40260 N
axle 4	(rdyn 421 mm)	T = 40260 N

	basic test	type III
	of subject	(calculated)
	trailer (E)	residual
braking rate of the vehicle		(hot)braking
(item 4.3.2 to appendix 2 to annex 11)	0.60	0.64

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

axle 1	(rdyn 421 mm)	T = 53660 N
axle 2	(rdyn 421 mm)	T = 53660 N
axle 3	(rdyn 421 mm)	T = 40260 N
axle 4	(rdyn 421 mm)	T = 40260 N

	basic test	type III
	of subject	(calculated)
	trailer (E)	residual
braking rate of the vehicle		(hot)braking
(item 4.3.2 to appendix 2 to annex 11)	0.60	0.64

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

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	brake lining: ROR 8616 AF (M18)
test report : 361-071-04 ECE Re 518	date : GA170711
axle 2 : reference axle: Assali StefTM or LM or LCen	brake lining: ROR 8616 AF (M18)
test report : 361-071-04 ECE Re 518	date : GA170711
axle 3 : reference axle: Assali StefTM or LM or LCen	brake lining: ROR 8616 AF (M18)
test report : 361-071-04 ECE Re 518	date : GA170711
axle 4 : reference axle: Assali StefTM or LM or LCen	brake lining: ROR 8616 AF (M18)
test report : 361-071-04 ECE Re 518	date : GA170711

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 = 22.7 % Fe
axle 2	(rdyn 421 mm)	T = 22.7 % Fe
axle 3	(rdyn 421 mm)	T = 18.2 % Fe
axle 4	(rdyn 421 mm)	T = 18.2 % Fe

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

axle 1	(sp = 58 mm)	s = 38 mm
axle 2	(sp = 58 mm)	s = 38 mm
axle 3	(sp = 57 mm)	s = 38 mm
axle 4	(sp = 57 mm)	s = 38 mm

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

axle1	ThA = 7071 N
axle2	ThA = 7071 N
axle3	ThA = 5304 N
axle4	ThA = 5304 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 = 39810 N
axle 2	(rdyn 421 mm)	T = 39810 N
axle 3	(rdyn 421 mm)	T = 29918 N
axle 4	(rdyn 421 mm)	T = 29918 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 0.47
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required braking rate (items 1.5.3 and 1.7.2 to annex 11)	>= 0,4 and >= 0,6*E (0.36)
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axle 1	(rdyn 421 mm)	T = 39810 N
axle 2	(rdyn 421 mm)	T = 39810 N
axle 3	(rdyn 421 mm)	T = 29918 N
axle 4	(rdyn 421 mm)	T = 29918 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 0.47
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required braking rate (items 1.5.3 and 1.7.2 to annex 11)	>= 0,4 and >= 0,6*E (0.36)
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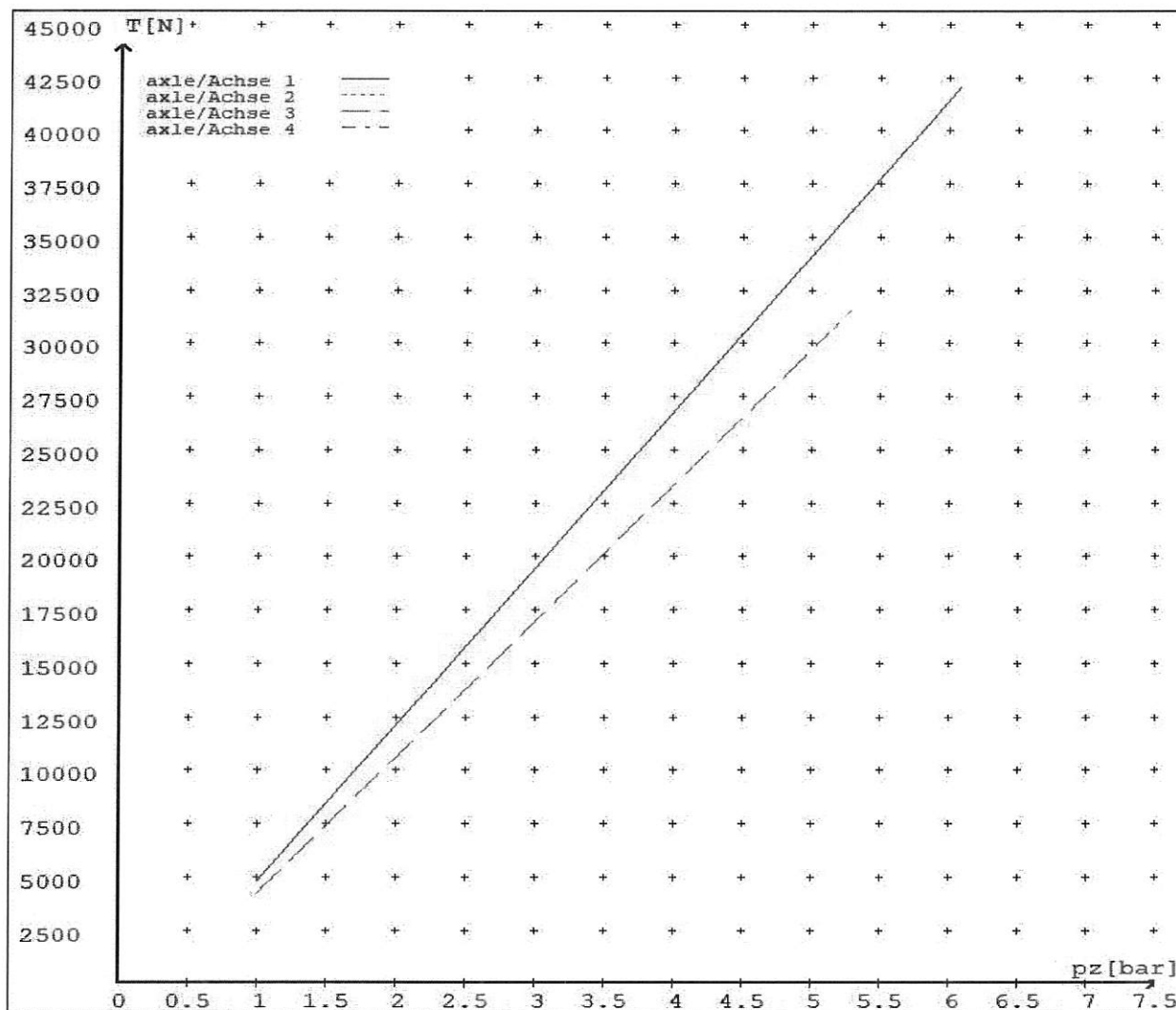
reference values

reference values for z = 50% for max rdyn: 421 mm

	pz [bar]	T [N]	T [N]
axle 1	1.0	4729	
	6.1	42021	
axle 2	1.0	4729	
	6.1	42021	
axle 3	1.0		4200
	5.3		31534
axle 4	1.0		4200
	5.3		31534

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	20./	20./	T.16/24	T.16/24	/
Maximum stroke smax = ...mm maximaler Hub smax =mm	65	65	64	64	
Lever length =mm Hebellänge =mm	74	74	74	74	



reference values for $z = 0.5$

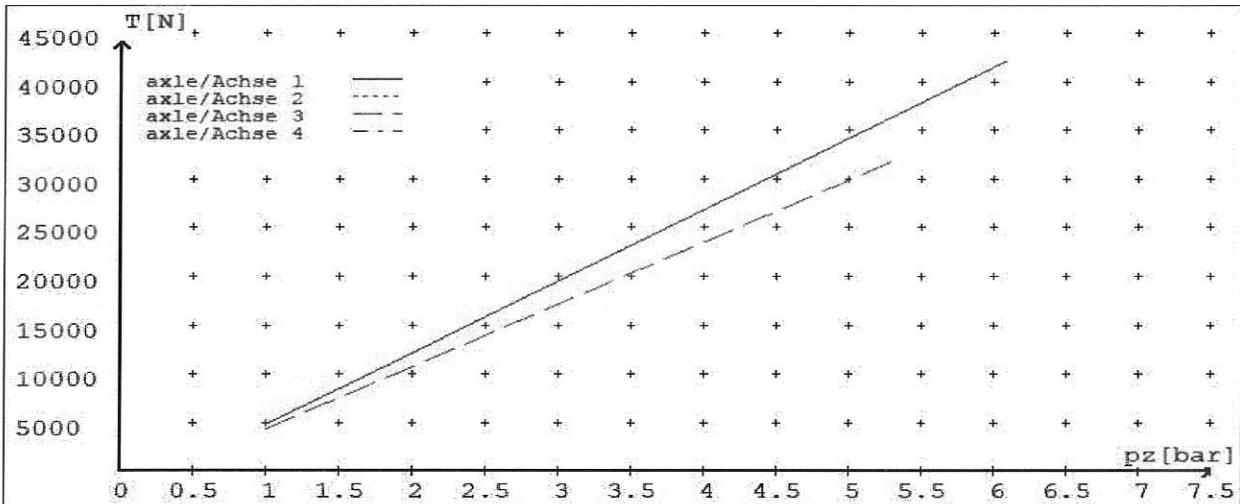
Angabe der Referenzwerte für $z = 0.5$

for max rdyn: 421 mm

für max rdyn: 421 mm

brake calculation no: TP 2023A date 22.03.2023

Bremsberechnung Nr: TP 2023A vom 22.03.2023



	Axle (s) / Achse (n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	20./	20./	T.16/24	T.16/24	/
Maximum stroke $s_{max} = \dots$ mm maximaler Hub $s_{max} = \dots$ mm	65	65	64	64	
Lever length = \dots mm Hebellänge = \dots mm	74	74	74	74	



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

CLIENT

MANUFACTURER:	DOMETT TRAILERS
ADDRESS:	Taurikura Drive, Tauranga 3110
FLEET:	FONTERRA

VEHICLE DETAILS

VEHICLE TYPE:	4A TANKER	CERT #:	LC240507
YEAR:	2024	CALCULATION #:	2023. ROR 4A WPC
MAKE:	DOMETT	RĒGO #:	
MODEL:	D1001	LT400 #:	A50311
CHASSIS #:	2388	ORDER #:	9838
VIN #:	7A9D10018R2023388		
GVM: t	26	PRIME MOVER:	EBS / EUROPEAN
LOAD CONFIGURATION:	UNIFORM DENSITY		
GROUP RATINGS: t	FRONT	REAR	
	15	15	
WHEEL BASE: m	5.07		
	UNLADEN COG m	MAX HEIGHT m	HEIGHT DECK m
	0.7	2.38	1.00
COG: m	1.492		
	FRONT	REAR	TOTAL
TARE: t	2.8	2.4	5.2
	FRONT	REAR	FITTED
TYRE SIZE:	265 70 R19.5	265 70 R19.5	265 70R 19.5
ROLLING CIRCUMFERENCE: MM	2645	2645	
AXLE SPACING: m	1.3	1.3	

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	ROR_ASSALI_STEFEN	ROR-SLX10 LRC DISC	361-071-04
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90
LINING MATERIAL:	ROR 8616	BRAKE FACTOR:	20.26
SENSED AXLES:	1 + 3	NOTES:	
SERIAL NUMBERS:	1		
	2		
	3		
	4		
	5		

CHAMBER AND VALVING DETAILS

CHAMBERS:	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
BRAND:	HALDEX	HALDEX	N/A
SIZE:	20, (125 200)	1624 (342.162.4XX)	N/A
STROKE: <i>mm</i>	66	61	
TEST REPORT #:	BC0175.0	OPH-T-00195-01	
SPRING BRAKE FORCE: <i>kN</i>	N/A	9.20	
HOLDOFF PRESSURE: <i>Bar</i>	N/A	4.89	
FOUNDATION BRAKE:	MERITOR	MERITOR	
LEVER LENGTH: <i>mm</i>	74	74	N/A
BRAKE VALVES:	MAKE:	PART NUMBER:	PM PRESS. <i>kPa</i>
ECU PART #:	WABCO	480 102 08. 0 (MV)	80 kPa
3RD MODULATOR #:	WABCO	480 207 001 0 (24V)	80 kPa
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	SEALCO_SBR	110701	
YARD RELEASE VALVE:	SEALCO_YR	17600B	
INLINE RELAY FITTED:	N/A	N/A	
ECU DIRECTION:	<input checked="" type="checkbox"/> FRONT <input type="checkbox"/> REAR	FRONT FRICTION: μ	0.51
SUBSYSTEMS:	<input type="checkbox"/> SMARTBOARD	<input type="checkbox"/> OPTI-LINK	<input type="checkbox"/> CAN ROUTER 446 122 050 0
	<input type="checkbox"/> ELEX 446 122 070 0	<input type="checkbox"/> TAILGUARD	

SUSPENSION

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	PNEUMATIC
MAKE:	ROR_AIRSPRING	ROR_AIRSPRING
MODEL:	ROR_INTRA	ROR_INTRA
BELLOW SIZE:	SLX LRC	SLX LRC
HEIGHT CONTROL VALVE:	HALDEX 90554950	HALDEX 90554950
OTHER VALVES:	N/A	N/A
RIDE HEIGHT <i>MM</i> :	250	250
HANGER HEIGHT <i>MM</i> :		
PEDESTAL HEIGHT <i>MM</i> :		
LIFT AXLE:		N/A
DUMP SWITCH:		PNEUMATIC
LIFT AXLE VALVE:		N/A
PRESSURE LIMITING:		N/A

AIR TANKS

AIR TANKS STANDARD:	SAE J10A / EN286-2	
	FRONT	REAR
BRAKE TANK SIZE: <i>L</i>	C51902, 48L	C51902, 48L
AUXILIARY TANK SIZE: <i>L</i>		C51901, 25L x 2
PRESSURE PROTECTION:	WABCO PEM: 461 513 002 0	

AIR LINES

TEST POINTS:

CONTROL LINE:	FILTER X 1	TANK:	YARD VALVE SUPPLY
REAR CHAMBER:	ECU X 2	FRONT CHAMBER:	LEFT 1st
DUOMATIC COLOUR CODED:	YES		

ELECTRONIC HEIGHT SENSOR CALIBRATION

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

CHECKS AT COMMISSION OF VEHICLE

CHAMBER BUNGS REMOVED: VALVE MOUNTING:
ECU BLANKING PLUGS CHECKED:

RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	275	280	320

NOTES AND SPECIAL CONDITIONS

06/12/2023 received est build schedule and request to do project, receive drawings etc.
Start files, request and receive product and trailer data. Compile data, recheck calculations and ECU file data.
7/5/2024 Assign certification number, complete and send file.

REASON FOR CERTIFICATION: NEW TRAILER

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.

RULE / STD COMPLIED TO:

NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015, **SCHEDULE 5**, ~~ADR 35,~~ ~~ECE R13,~~ ~~FMVSS 121~~

DATE: 20/05/2024

SIGNED: *Lance Cawte*

CERTIFIER NAME & ID: CHRIS CLARKE CJC

SODC BY: LANCE CAWTE LPC

PHONE (BUS): 09-980-7300

FAX:

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