NZ TRANSPORT AGENCY WAKA KOTAHI

Heavy vehicle specialist certificate

Must be presented to a CoF (heavy) inspecting organisation
Heavy vehicle specialist inspector and inspecting organisation

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

Vehicle registration *(optional)*

VIN/chassis number
7 A 9 C 2 0 0 2 9 H 1 0 2 3 6 8 6

Make DOMETT

Component being certified:

- [ ] Chassis
- [ ] Load anchorage
- [ ] Log bolsters
- [ ] Towing connection
- [X] Brakes
- [ ] SRT
- [ ] PSV stability
- [ ] PSV rollover
- [ ] Swept path
- [ ] PBS

Model *(optional)*

Certification category
HVEK

Description of work

CERTIFY TO SCHEDULE 5 OF LTR 32015/4
ROLL STABILITY FUNCTION ACTIVATED

Code/standard/rule certified to
LTR 32015/3

Component load rating(s)
26 Tonnes GVM
(19.2 Tonnes (Group Ratings))

General drawing number(s)
N/A

Supporting documents
BRAKE CODE CERTIFICATE   CJC184813
BRAKE CALCULATION #   GENNZ50258S

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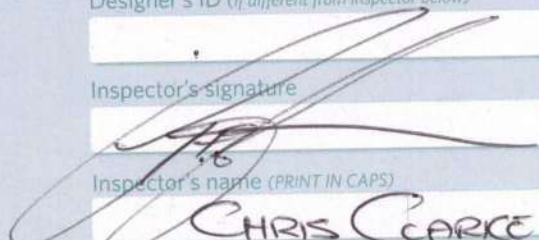WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN
EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KPH

Certification expiry date *(if applicable)*
N/A

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
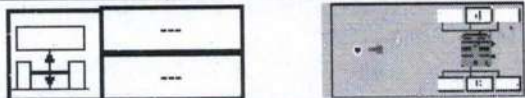
ID number
CJC

Date
18-Jan-18

Number
618213

CoF vehicle inspector ID	CoF vehicle inspector signature	Date

All fields are mandatory unless otherwise stated.

WABCO START-UP LOG
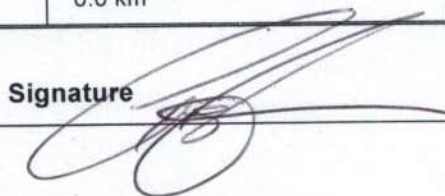
System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2017-07-27	Serial number	437003996700H
Serial number (modulator)	000000066517		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2018-01-18 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO — TRAILER EBS-E

GGVS/ADR TUEH TB 2007 - 019.00

HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRUCKS & TRAI
TYP TYPE TYPE	3ABTR CURTAIN SIDE
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9C20028H1023686
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	GenNZ50258S

POLRADZÄHNEZAHL c-d | e-f POLE WHEEL TEETH c-d | e-f DENTS ROUE DENTÉE c-d | e-f	90	---	ABS-System ABS-System Système ABS	2S/2M

| RSS RSS RSS | Einfacibereifung Single Tire Monte simple | | Lenkachse Steering axle Essieu vireur | |
| | Zwillingsbereifung Twin Tire Monte jumelée | X | Kippkritisches Fahrzeug Critical Trailer Véhicule critique | |

Subsystems	SB		I/O	24N

GIO	Pin1	Pin3	Pin4
1	24V-O1	---	---
2	---	---	---
3	---	---	---
4	---	---	---
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---

	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	1470	0.6	2.0	6400	4.0	0.3	1.3	---	5.2	-	14 / 16	64	69	438	2824
2	1470	0.6	2.0	6400	4.0	0.3	1.3	---	5.2	-	14 / 16	64	69	438	2824
3	1470	0.6	2.0	6400	4.0	0.3	1.3	---	5.2	-	14	64	69	438	2824
4	0	---	---	0	---	---	---	---	---		---	---	---	---	---
5	0	---	---	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	TailGUARD	Not tested

Manufacturer	DOMETT TRUCKS & TRAI	Vehicle ident. no	7A9C20028H1023686
Vehicle type	3ABTR CURTAIN SIDE	Odometer reading	0.0 km
next Service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature	
Date	2018-01-18 11:56:16 a.m.		

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

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 (V6.14.04.20).
-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 V6.14.04.20 db 08.07.2014

distribution: DOMETT TRUCKS & TRAILERS
                7A9C20028H1023686
                CJC184813
                LT400 618213

vehicle manufacturer:	DOMETT TRUCKS & TRAILERS
trailer model	:	3ABTR CURTAIN SIDE
trailer type	:	3-axle-semi-trailer
remarks	:	air / hydraulic / VA suspension
		WABCO TRAILER - EBS E
		TRISTOP 1+2: T.14/24
		265/70 R 19,5

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

			unladen			laden	
total mass	P in kg		6800	- 6800	26000	-	26000
king-pin	PS kg		2390	- 2390	6800	-	6800
axle 1	P1 in kg			1470			6400
axle 2	P2 in kg			1470			6400
axle 3	P3 in kg			1470			6400
total axle mass	PR in kg			4410			19200
wheel base	E in mm		6900	- 6900			
centre of gravity height	h in mm			1430			2311
K-factor			Kv min	1.6554	Kc min	1.0016	
K-factor			Kv max	1.6554	Kc max	1.0016	

		axle 1	axle 2	axle 3
no. of combined axles		1	1	1
no. of brake chambers per axle line	KDZ	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	lBh in mm	69	69	69
brake factor	[-]	23.03	23.03	23.03
dyn. rolling radius	rdyn min in mm	421	421	421
dyn. rolling radius	rdyn max in mm	421	421	421
threshold torque	Co Nm	6.0	6.0	6.0

calculation:

		axle 1	axle 2	axle 3
chamber pressure(rdyn min)pH at z=22,5%bar		2.1	2.1	2.1
chamber pressure(rdyn max)pH at z=22,5%bar		2.1	2.1	2.1
chamber press.(servo)pcha at pm6,5bar bar		5.2	5.2	5.2
piston force ThA at pm6,5bar N		4986	4986	4986
brake force(rdyn min)T lad. at pm6,5bar N		37658	37658	37658
brake force(rdyn max)T lad. at pm6,5bar N		37658	37658	37658
brake force within 1 % rolling friction				
proportion	%	33.3	33.3	33.3

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 :   841 701 101 0.

maximum pressure: 8.5 bar

axle 1:
   valve 1: 971 002 ... 0   WABCQ
           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

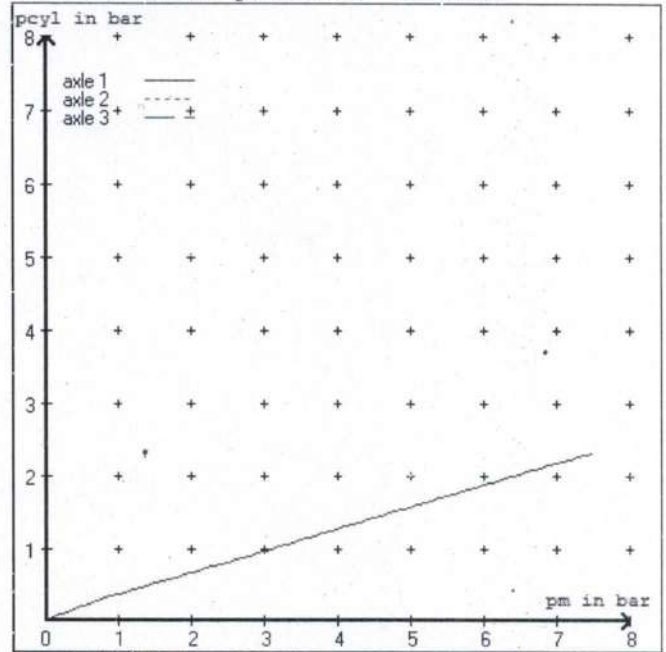   valve 2: 480 102 ... 0 ()   WABCO   or 480 207 0.. 0 / 2.. 0
           EBS trailer modulator

   brake cylinder: Meritor   14HSCLD64

test type III (zIII = 0.30) for rdyn min : axle1 axle2 axle3
at pm 3.6 bar =>   pcha in bar :   2.7   2.7   2.7
test type III (zIII = 0.06) for rdyn min : axle1 axle2 axle3
at pm 1.3 bar =>   pcha in bar :   0.7   0.7   0.7

brake chamber pressure laden

brake chamber pressure   unladen
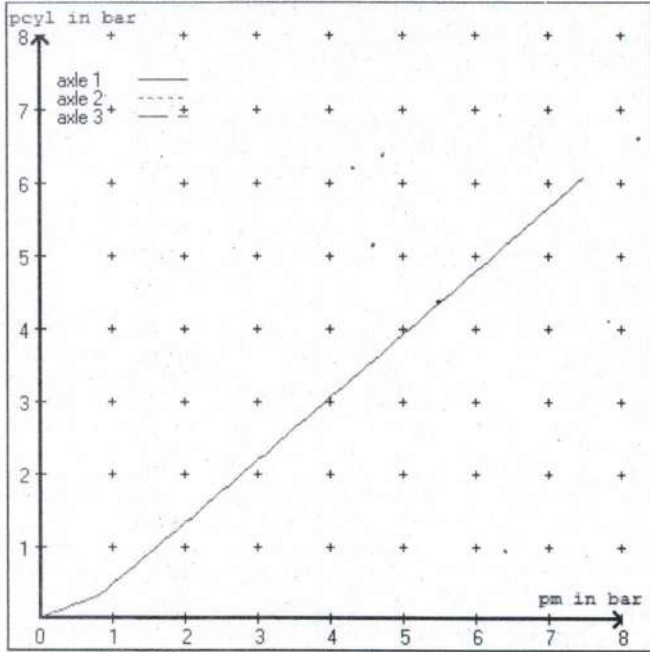
compatibility band laden

Kc min 1.0016

Kc max 1.0016

compatibility band   unladen
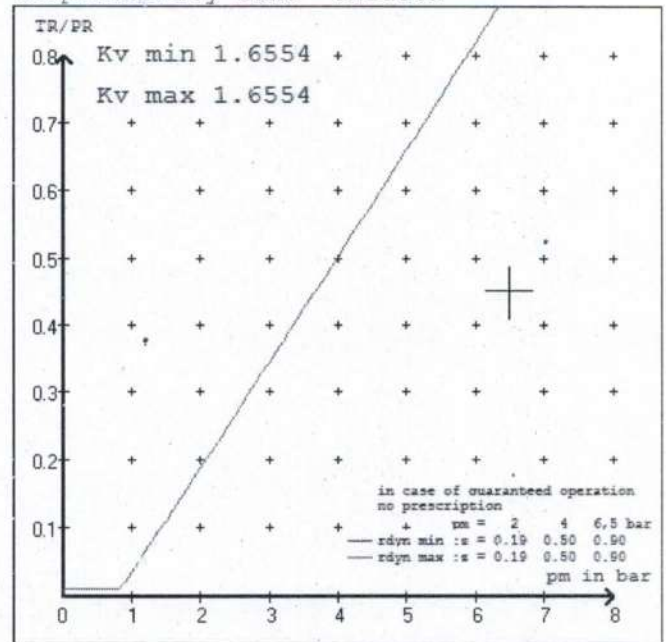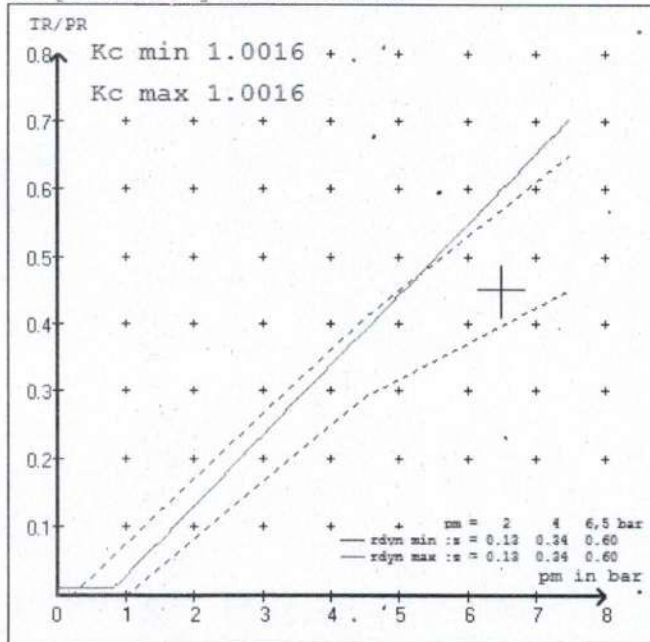
Kv min 1.6554

Kv max 1.6554

vehicle manufacturer: DOMETT TRUCKS & TRAILERS
trailer model   :   3ABTR CURTAIN SIDE
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 TRUCKS & TRAILERS
trailer model   : 3ABTR CURTAIN SIDE
trailer type   : 3-axle-semi-trailer
brake calculation no.   : GenNZ 50258S

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	1470	to be	2.0	6400	to be	0.3	1.3	5.2
2	1470	entered by	2.0	6400	entered by	0.3	1.3	5.2
3	1470	the vehicle	2.0	6400	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 pcyl   axle load pcyl   axle load pcyl
1470   2.0   1470   2.0   1470   2.0
1970   2.3   1970   2.3   1970   2.3
2470   2.6   2470   2.6   2470   2.6
2970   3.0   2970   3.0   2970   3.0
3470   3.3   3470   3.3   3470   3.3
3970   3.6   3970   3.6   3970   3.6
4470   3.9   4470   3.9   4470   3.9
4970   4.3   4970   4.3   4970   4.3
6400   5.2   6400   5.2   6400   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 = 18.8 % Fe
axle 2	(rdyn 421 mm)	T = 18.8 % Fe
axle 3	(rdyn 421 mm)	T = 18.8 % 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 = 29453 N
axle 2	(rdyn·421 mm)	T = 29453 N
axle 3	(rdyn 421 mm)	T = 29453 N

	basic test of subject trailer (E)	type III (calculated) residual (hot)braking
braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	0.60	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 = 29453 N
axle 2	(rdyn 421 mm)	T = 29453 N
axle 3	(rdyn 421 mm)	T = 29453 N

	basic test of subject trailer (E)	type III (calculated) residual (hot)braking
braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	0.60	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 line	KDZ		2	2
TRISTOP-actuator type			T.14/24	T.14/24
lever length	lBh in mm		69	69
stat. tyre radius	rstat max in mm		401	401
at a stroke of	s in mm		30	30
min. force of spring brake	TFZ in N		7605	7605
sp.brake chamber no Meritor.....			4	4
release pressure	pLs in bar		4.8	4.8

calculation:

		axle 1	axle 2
ratio until road		3.9674	3.9674
$iFb = lBh*Eta*C*rBt/(rBn*rstat)$			
for rstat in mm		401	401
brake force of spring br. Tf in N		59654	59654
$Tf = (TFZ*KDZ-2*Co/lBh)*iFb$			
braking rate zf laden		0.478	
$zf = sum (Tf)/P + 0,01$			

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 =   3352 mm   for E =   6900 mm
=================
min Ef =   3352 mm   for E =   6900 mm
=================

min Ef =   minimum distance between front 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   =   2311 mm height of center of gravity - laden
PR   =   19200 kg maximum bogie mass - laden
P   =   26000 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		4389 28243
axle 2	1.0 5.2		4389 28243
axle 3	1.0 5.2		4389 28243

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	T.14/24	T.14/24	14./	/	/
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	64	64	64		
Lever length = ...mm Hebellänge = ...mm	69.08	69.08	69.08		
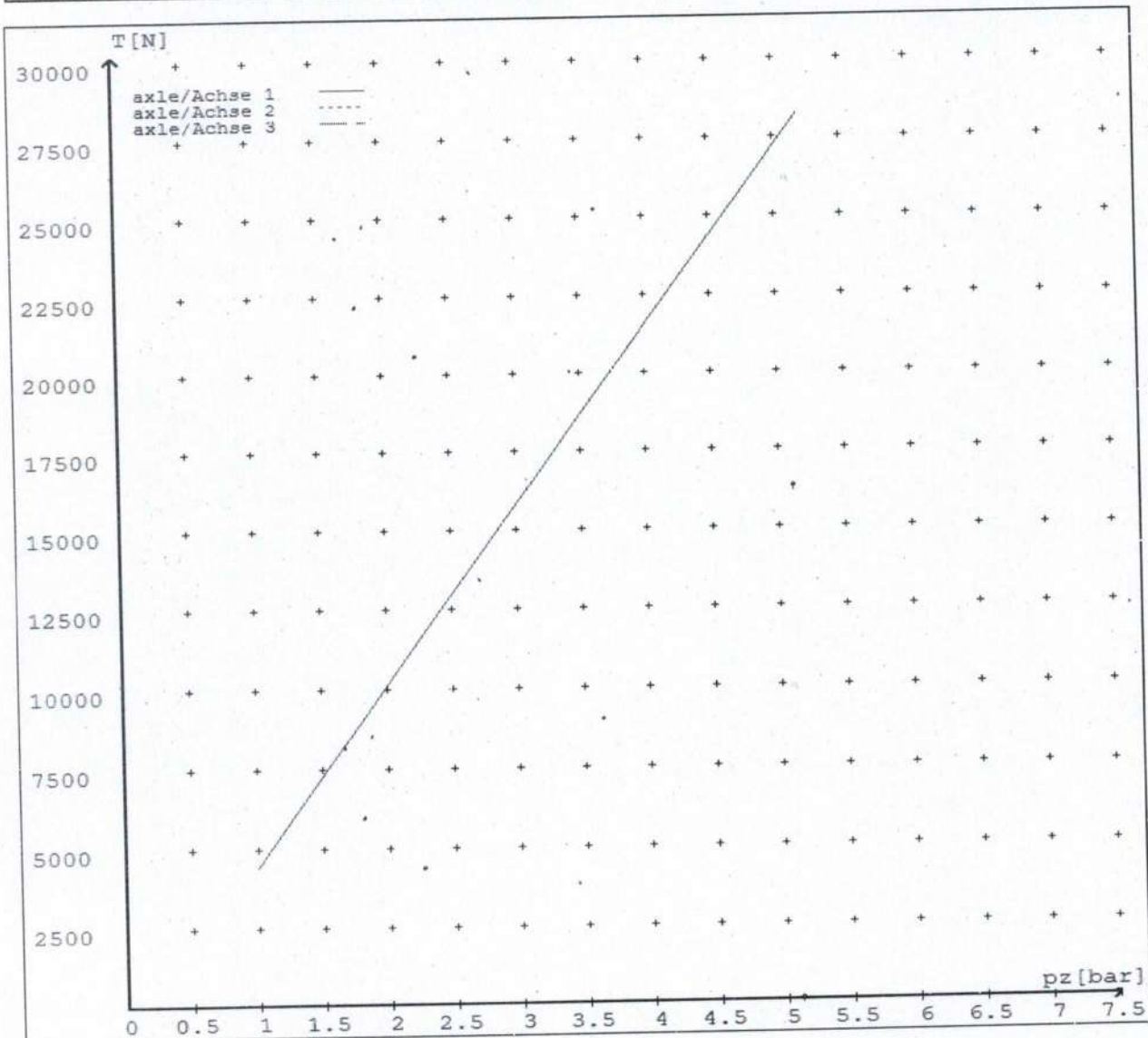
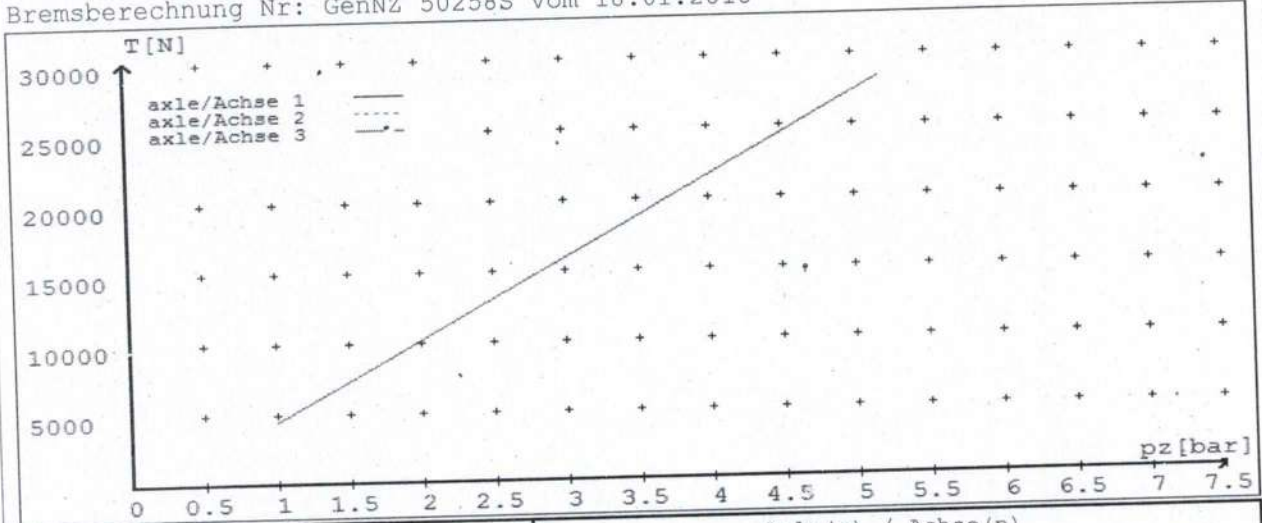**reference values for z = 0.45**
Angabe der Referenzwerte für z = 0.45
brake calculation no.: GenNZ 50258S date 18.01.2018
Bremsberechnung Nr: GenNZ 50258S vom 18.01.2018

for max rdyn: **421 mm**
für max rdyn: 421 mm

T[N]

			axle/Achse 1	
			axle/Achse 2	
			axle/Achse 3	

30000
25000
20000
15000
10000
5000

0   0.5   1   1.5   2   2.5   3   3.5   4   4.5   5   5.5   6   6.5   7   7.5

pz[bar]

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

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

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 (V6.14.04.20).
-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 V6.14.04.20 db 08.07.2014

distribution: DOMETT TRUCKS & TRAILERS
                7A9C20028H1023686
                CJC184813   PARKING CALC ONLY
                LT400 618213

vehicle manufacturer: DOMETT TRUCKS & TRAILERS

trailer model   : . 3ABTR CURTAIN SIDE

trailer type   :   3-axle-semi-trailer

remarks   : · air / hydraulic / VA suspension
                        WABCO TRAILER - EBS E
                        TRISTOP 1+2: T.16/16
                        265/70 R 19,5

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

			unladen		laden	
total mass	P in kg		6800	- 6800	26000 -	26000
king-pin	PS kg		2390	- 2390	6800 -	6800
axle 1	P1 in kg			1470		6400
axle 2	P2 in kg			1470	·	6400
axle 3	P3 in kg			1470		6400
total axle mass	PR in kg			4410		19200
wheel base	E in mm		6900 -	6900		
centre of gravity height	h in mm			1430		2311
K-factor			Kv min 1.6554		Kc min 1.0016	
K-factor			Kv max 1.6554		Kc max 1.0016	

			axle 1	axle 2	axle 3
no. of combined axles			1	1	1
no. of brake chambers per axle line	KDZ		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.16/16	T.16/16	14.
lever length	lBh in mm		69	69	69
brake factor	[-]		23.03	23.03	23.03
dyn. rolling radius	rdyn min in mm		421	421	421
dyn. rolling radius	rdyn max in mm		421	421	421
threshold torque	Co Nm		6.0	6.0	6.0

calculation:					
chamber pressure(rdyn min)pH at z=22,5%bar			2.1	2.1	2.1
chamber pressure(rdyn max)pH at z=22,5%bar			2.1	2.1	2.1
chamber press.(servo)pcha at pm6,5bar bar			5.1	5.1	5.1
piston force ThA at pm6,5bar N			5003	5003	4886
brake force(rdyn min)T lad. at pm6,5bar N			37779	37779	36900
brake force(rdyn max)T lad. at pm6,5bar N			37779	37779	36900
brake force within 1 % rolling friction					
proportion	%		33.6	33.6	32.8

braking rate   z laden   0.597   for rdyn min
z = sum (TR)/PRmax   0.597   for rdyn max

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

spring parking brake

		axle 1	axle 2
no of TRISTOP-actuators per axle line KDZ		2	2
TRISTOP-actuator type		T.16/16	T.16/16
lever length	lBh in mm	69	69
stat. tyre radius	rstat max in mm	401	401
at a stroke of	s in mm	30	30
min. force of spring brake	TFZ in N	6160	6160
sp.brake chamber no Meritor.....		4	4
release pressure	pLs in bar	4.5	4.5

calculation:

ratio until road		3.9674	3.9674
$iFb = lBh*Eta*C*rBt/(rBn*rstat)$	for rstat in mm	401	401
brake force of spring br. Tf in N		48189	48189
$Tf = (TFZ*KDZ-2*Co/lBh)*iFb$			
braking rate	zf .laden	0.388	
$zf = sum (Tf)/P + 0,01$			

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 =   3352 mm   for E =   6900 mm
=====================
min Ef =   3352 mm   for. E =   6900 mm
=====================

min Ef =			minimum distance between front 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	=	2311 mm	height of center of gravity - laden
PR	=	19200 kg	maximum bogie mass - laden
P	=	26000 kg	maximum total mass - laden
nf	=	2	no. of axle(s) with TRISTOP spring brake actuators
ng	=	3	no. of bogie axle(s)

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HEAVY VEHICLE BRAKE RULE
32015/4 WORKSHEET
(PROCEDURE DOCUMENTATION SHEET-PDS)
&
CONFIRMATION OF COMPLIANCE

CERTIFICATE NO.

CJC184813

CUSOMER NAME

DOMETT TRAILERS

CUSTOMER ORDER NO.

4940

DATE RECEIVED | 18-Jan-18

VEHICLE TYPE

CURTAINSIDE

VIN/ CHASSIS NO.

7A9C20029H1023686

BRIEF SPECIFICATION AS CERTIFIED TO SCHEDULE 5

BRAKE VALVES	MAKE	TYPE
PRIMARY RELAY	WABCO	480 102 080 0
SECONDARY RELAY	N/A	N/A
YARD RELEASE VALVE	WABCO	971 002 900 0
PARK BRAKE VALVE	WABCO	971 002 900 0

SUSPENSION VALVES	FRONT	REAR
CONTROL	N/A	N/A
DISTANCE SENSOR	N/A	464 008 011 0

OTHER VALVES:

MAKE:	WABCO	TYPE:	461 513 002 0	SETTING:	P.P.V. @ 5.5 Bar
MAKE:	WABCO	TYPE:	446 192 110 0	SETTING:	SMARTBOARD
MAKE:		TYPE:		SETTING:	
MAKE:		TYPE:		SETTING:	

BRAKE CHAMBERS:	AXLE 1 & 2	AXLE 3	AXLE 4
MAKE	TSE	TSE	N/A
SIZE	1416HTLD64	14HSCLD64	N/A
MAX STROKE (mm)	64	64	N/A
SLACK LENGTH (mm)	69	69	N/A
DRUM TYPE:	N/A	N/A	N/A
		OR	
BRAKE CALIPER:	SBW1937	SBW1937	N/A

FRICTION MATERIAL: ☑ OEM ☐ AFTERMARKET

LINING BRAND	AXLE 1 & 2	AXLE 3	AXLE 4
	JURID 539	JURID 539	N/A

OTHERS:

TYRES:	FRONT	REAR
	N/A	265 70 R 19.5

BRAKE CALCULATION #: GENNZ50258S

COMMENTS:

EBS, SPECIAL CONDITIONS APPLY. SEE INSTRUCTIONS ON LT400 #   618213

SALES ORDER #: · **PROCESS TIME:**

TRAILERS EQUIPPED WITH PREV: THE PARK BRAKE PERFORMANCE **MUST** BE

MEASURED BY PULLING THE RED ACTUATION KNOB ON THE PREV VALVE WHEN

THE AXLES - EQUIPPED WITH SPRING BRAKES - ARE IN THE BRAKE ROLLERS. THE

PARK BRAKE IN THE CAB **MUST NOT** BE APPLIED.

NOTES:

CHAMBERS & PARK BRAKE PERFORMANCE:

BRAKE CALCULATION GENNZ50258S USES THE TSE1424HTLD TO DETERMINE THE SERVICE

BRAKE PERFORMANCE & GENNZ50259S USES TSE1616HTLD64 TO CALCULATE THE PARK BRAKE

PERFORMANCE OF AXLES 1 & 2. THE ACTUAL CHAMBER USED (TSE1416HTLD64) IS NOT

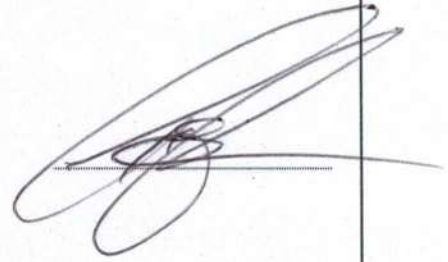AVAILABLE IN THE WABCO BRAKE CALCULATOR.

CONFORMATION OF COMPLIANCE

I CONFIRM THAT THE VEHICLE IDENTIFIED IN PAGES 1 AND 2 OF THIS CONFORMATION OF COMPLIANCE COMPLIES WITH ALL RELEVANT REQUIREMENTS OF THE CURRENT NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015/4, SCHEDULE 5.

DATE: 18-Jan-18   SIGNED:

NAME & ID: C CLARKE (CJC)

PHONE (BUS):   09 980 7300   **FAX (BUS)** 09 980 7306

POSTAL ADDRESS: TRANSPORT SPECIALTIES LTD
PO BOX 98-971,
MANUKAU CITY,
MANUKAU 2241

POSITION: BRAKE CERTIFIER HVEK

I CONFIRM THE BRAKE SYSTEM OF THE VEHICLE IDENTIFIED IN PAGE 1 OF THIS STATEMENT OF COMPLIANCE AS MODIFIED BY MYSELF, CONTINUES TO COMPLY WITH ALL THE RELIVANT REQUIREMENTS OF THE CURRENT NEW ZEALAND HEAVY BRAKE RULE 32015/4 SCHEDULE 5.

DATE: SIGNED:

NAME:

CERTIFIERS ID: POSITION:

PHONE (BUS):   FAX (BUS):

COMMENTS:

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 32015/4.

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 32015/4. 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 47.4) NZTA Helpdesk 0800 699 000

(p.p.)..................................

(J.Hirst (JEH) HVEK)

GOUGH *Transpecs*

NOTICE TO VEHICLE OPERATOR

This trailer is equipped with an **Electronic Brake System**.

To comply with the New Zealand Heavy Vehicle Brake Rule 32015/4, 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.

(p.p.)
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 32015/4.

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.

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