

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) CHRIS CLARKE	ID CJC
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Vehicle registration (optional)	VIN/chassis number 7A9E35019J1023759
Make DOMETT TRAILERS	Component being certified: <input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage <input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input checked="" type="checkbox"/> Brakes <input type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover <input type="checkbox"/> Swept path <input type="checkbox"/> PBS
Model (optional)	
Certification category HVEK	

Description of work

CERTIFY TO SCHEDULE 5 OF LTR 32015/4

RSS ON: TWIN TYRES / SUPER SINGLES SIZE = 265 70 R 19.5 .

Code/standard/rule certified to LTR 32015/4	Component load rating(s) 32 Tonnes GVM 35 Tonnes (Group ratings)
General drawing number(s) N/A	

Supporting documents

BRAKE CODE CERTIFICATE JH180704

BRAKE CALCULATION # TP51645

Special conditions (optional)

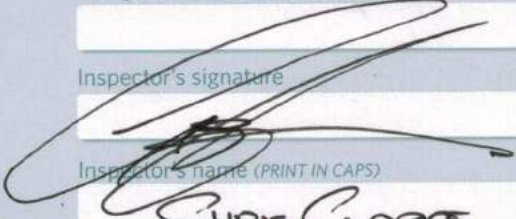
WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KPH.

Certification expiry date (if applicable) N/A [UNLESS MODIFIED]	or Hubodometer reading (whichever comes first) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
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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) ID number
CHRIS CLARKE **CJC**

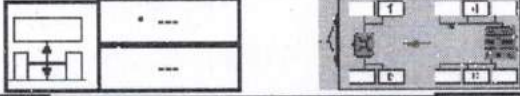
Date Number
17-Jul-18 **647163**

CoF vehicle inspector ID	CoF vehicle inspector signature	Date
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All fields are mandatory unless otherwise stated.

WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 084 0
Production date	2017-10-16	Serial number	437004290300H
Serial number (modulator)	000000003290		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2018-07-11 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

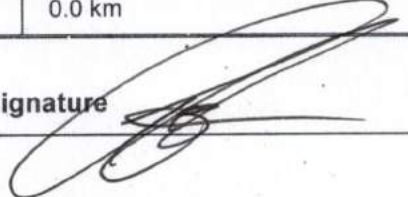
WABCO				TRAILER EBS-E				GGVS/ADR TUEH TB 2007 - 019.00 AT0185																															
HERSTELLER MANUFACTURER CONSTRUCTEUR DOMETT TRAILERS				GIO				Pin1				Pin3				Pin4																							
TYP TYPE TYPE 5AFT BULK				1				24V-O1				---				---																							
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS 7A9E35019J1023759				2				---				---				---																							
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL. DE FREINAGE NO. TP51645A				3				ALS2				ALS2				---																							
POLRADZAHNEZAHL c-d e-f POLE WHEEL TEETH c-d e-f DENTS ROUE DENTEE c-d e-f 100 100				4				---				---				---																							
ABS-System ABS-System Systeme ABS 4S/3M				5				DIAG				DIAG				DIAG																							
RSS RSS RSS Einfachbereifung Single Tire Monte simple Zwillingsbereifung Twin Tire Monte jumelle X				6				---				---				---																							
Subsystems				SB				I/O				24N																											
ACHSE AXLE ESSEU				pm (bar)				6.5				pm (bar)				0.6				2.0				---				6.5											
1				1650				0.9				2.3				8000				5.1				0.4				1.4				---				6.4			
2				1650				0.9				2.3				8000				5.1				0.4				1.4				---				6.4			
3				1150				0.6				1.4				6400				4.0				0.3				1.6				---				4.2			
4				1150				0.6				1.4				6400				4.0				0.3				1.6				---				4.2			
5				1150				0.6				1.4				6400				4.0				0.3				1.6				---				4.2			

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	7A9E35019J1023759
Vehicle type	5AFT BULK	Odometer reading	0.0 km
next Service	0 km	Trip reading	0.0 km
Tester	Chris Clarke.	Signature 	
Date	2018-07-11 10:02:43 a.m.		

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

distribution: DOMETT TRAILERS
 7A9E35019J1023759
 SODC: JH180704
 LT400: CJC 647163

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!
 WABCO Brake V6.14.04.20 db 20.04.2016

vehicle manufacturer: DOMETT TRAILERS
 trailer model : 5AFT CURTAINSIDE
 trailer type : 5-axle-full-trailer
 remarks : air / hydraulic / VA suspension
 WABCO TRAILER - EBS E
 TRISTOP 3+4: T.14/24 [TSE1416HTLD64 ACTUALLY FITTED - SEE PAGE 7 FOR PERFORMANCE DATA]
 265/70 R 19,5

axle 1 + 2 + 3 + 4 + 5 : HENDRICKSON, SBW 1937, AT0185,

		<u>unladen</u>	<u>laden</u>
total mass	P in kg	6750	35200
axle 1	P1 in kg	1650	8000
axle 2	P2 in kg	1650	8000
axle 3	P3 in kg	1150	6400
axle 4	P4 in kg	1150	6400
axle 5	P5 in kg	1150	6400
wheel base	E in mm	5300 - 5300	
centre of gravity height	h in mm	1000	1900

	<u>axle 1</u>	<u>axle 2</u>	<u>axle 3</u>	<u>axle 4</u>	<u>axle 5</u>
no. of combined axles	manually 1	manually 1	manually 1	manually 1	manually 1
no. of brake chambers per axle line	2	2	2	2	2
The power output corresponds to	BZ 122.1	BZ 122.1	BZ 119.6	BZ 119.6	BZ 122.1
brake chamber manufacturer	Meritor	Meritor	Meritor	Meritor	Meritor
chamber size	20.	20.	T.14/24	T.14/24	14.
lever length	69	69	69	69	69
brake factor	23.49	23.49	23.49	23.49	23.49
dyn. rolling radius	rdyn min in mm 421	rdyn min in mm 421	rdyn min in mm 421	rdyn min in mm 421	rdyn min in mm 421
dyn. rolling radius	rdyn max in mm 421	rdyn max in mm 421	rdyn max in mm 421	rdyn max in mm 421	rdyn max in mm 421
threshold torque	Co Nm 6.0	Co Nm 6.0	Co Nm 6.0	Co Nm 6.0	Co Nm 6.0

calculation:

chamber pressure(rdyn min)pH at z=22,5%bar	2.2	2.2	2.0	2.0	2.0
chamber pressure(rdyn max)pH at z=22,5%bar	2.2	2.2	2.0	2.0	2.0
chamber press.(servo)pcha at pm6,5bar bar	6.4	6.4	4.2	4.2	4.2
piston force ThA at pm6,5bar N	7441	7441	3984	3984	3984
brake force(rdyn min)T lad. at pm6,5bar N	57474	57474	30673	30673	30673
brake force(rdyn max)T lad. at pm6,5bar N	57474	57474	30673	30673	30673
brake force within 1 % rolling friction proportion	22.3	22.3	18.5	18.5	18.5

braking rate z laden : 0.599 for rdyn min
 z = sum (TR)/PRmax 0.599 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: 971 002 ... 0 WABCO
EBS emergency valve

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

brake cylinder: Meritor 20HSCLD65

axle 2:

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

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

brake cylinder: Meritor 20HSCLD65

axle 3:

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

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

brake cylinder: Meritor 1424HTLD64

axle 4:

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

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

brake cylinder: Meritor 1424HTLD64

axle 5:

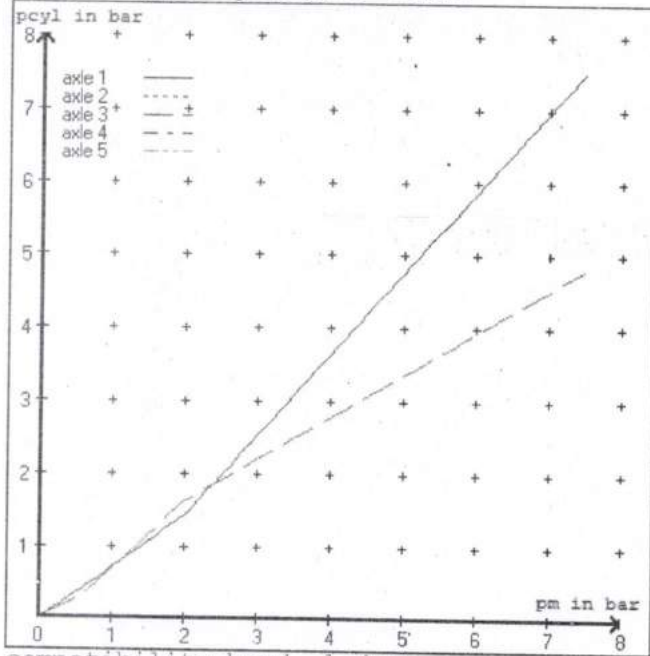
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

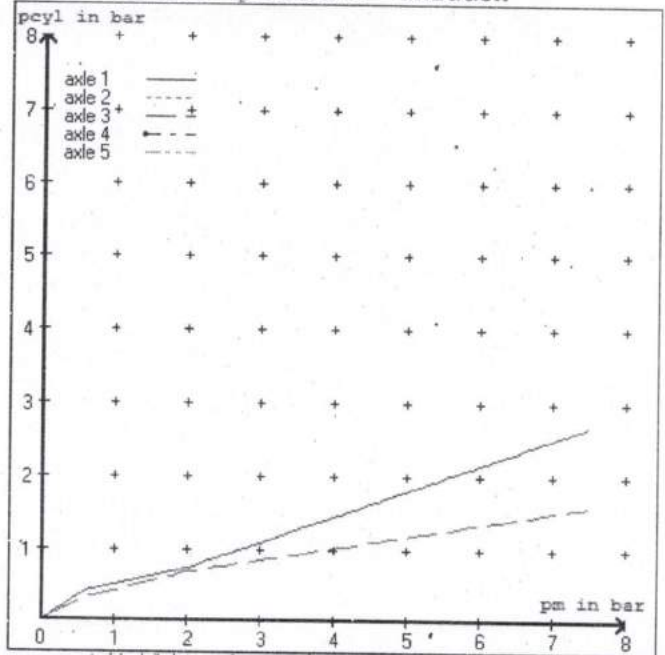
brake cylinder: Meritor 14HSCLD64

test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	axle5	
at pm 3.5 bar =>	pcha in bar :	3.1	3.1	2.5	2.5	2.5	2.5
test type III (zIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	axle5	
at pm 1.1 bar =>	pcha in bar :	0.8	0.8	0.8	0.8	0.8	0.8

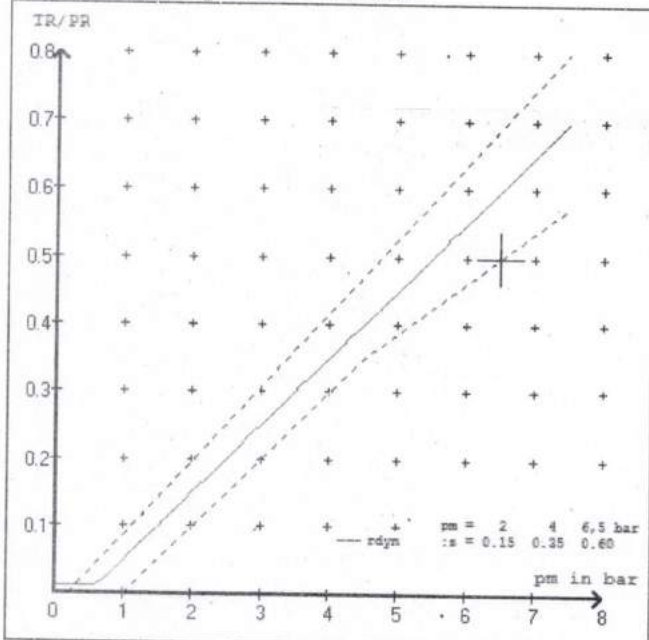
brake chamber pressure laden



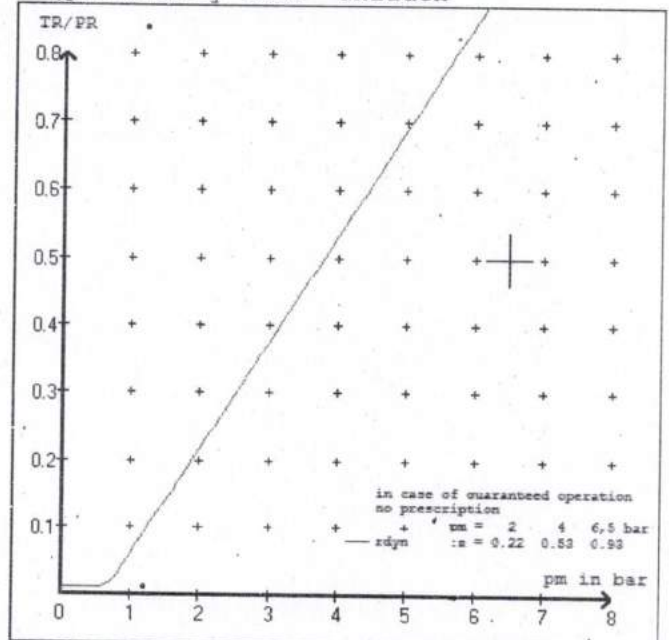
brake chamber pressure unladen



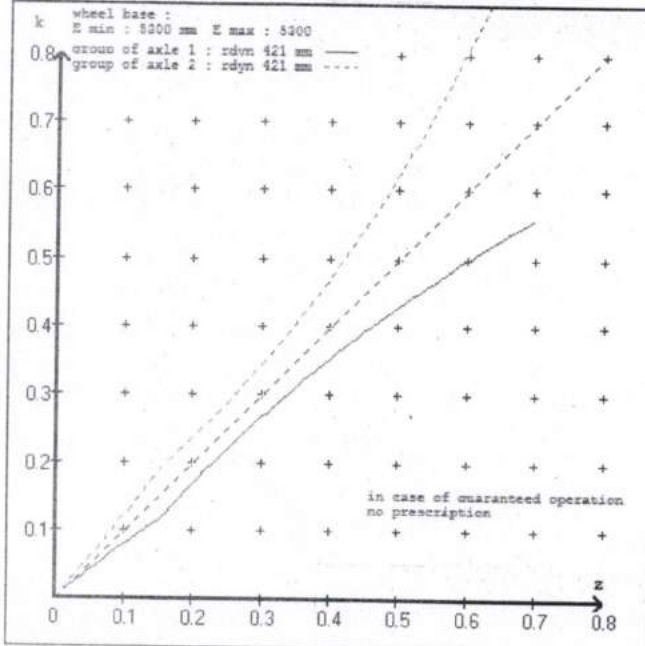
compatibility band laden



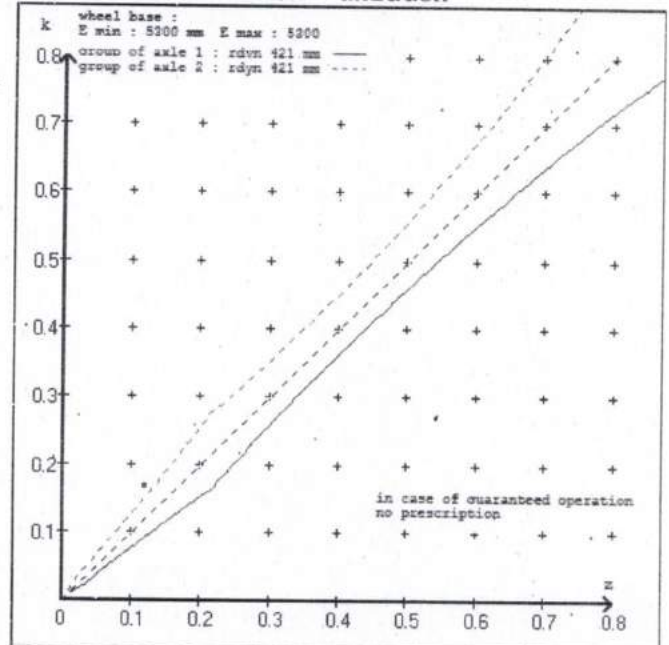
compatibility band unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS
 trailer model : 5AFT CURTAINSIDE
 trailer type : 5-axle-full-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter 20. (Meritor) lever length 69 mm
 axle 2 : 2 x type/diameter 20. (Meritor) lever length 69 mm
 axle 3 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm
 axle 4 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm
 axle 5 : 2 x type/diameter 14. (Meritor) lever length 69 mm

brake diagram :

valve :

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

EBS input data

vehicle manufacturer: DOMETT TRAILERS
 trailer model : 5AFT CURTAINSIDE
 trailer type : 5-axle-full-trailer
 brake calculation no. : TP 51645A

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

assignment pm / deceleration z: pm 0.6 bar z = 0.010
 (laden condition) 2.0 bar z = 0.150
 6.5 bar z = 0.600

control pressure pm			6,5	control pressure pm			0.6	2.0	6.5
axle	axle load unladen	bellow pr. unladen	brake pr. unladen	axle load laden	bellow pr. laden	brake pr. laden			
1	1650	to be	2.3	8000	to be	0.4	1.4	6.4	
2	1650	entered by the vehicle manufact.	2.3	8000	entered by the vehicle manufact.	0.4	1.4	6.4	
3	1150		1.4	6400		0.3	1.6	4.2	
4	1150		1.4	6400		0.3	1.6	4.2	
5	1150		1.4	6400		0.3	1.6	4.2	

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 4		axle 5	
axle load	pcyl	axle load	pcyl	axle load	pcyl	axle load	pcyl	axle load	pcyl
1650	2.3	1650	2.3	1150	1.4	1150	1.4	1150	1.4
2150	2.6	2150	2.6	1650	1.7	1650	1.7	1650	1.7
2650	2.9	2650	2.9	2150	1.9	2150	1.9	2150	1.9
3150	3.3	3150	3.3	2650	2.2	2650	2.2	2650	2.2
3650	3.6	3650	3.6	3150	2.5	3150	2.5	3150	2.5
4150	3.9	4150	3.9	3650	2.7	3650	2.7	3650	2.7
4650	4.2	4650	4.2	4150	3.0	4150	3.0	4150	3.0
5150	4.6	5150	4.6	4650	3.3	4650	3.3	4650	3.3
8000	6.4	8000	6.4	6400	4.2	6400	4.2	6400	4.2

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

axle 1 : reference axle: HENDRICKSONSBW 1937	brake lining: WABCO 230
test report : AT0185	date : 02.03.2017
axle 2 : reference axle: HENDRICKSONSBW 1937	brake lining: WABCO 230
test report : AT0185	date : 02.03.2017
axle 3 : reference axle: HENDRICKSONSBW 1937	brake lining: WABCO 230
test report : AT0185	date : 02.03.2017
axle 4 : reference axle: HENDRICKSONSBW 1937	brake lining: WABCO 230
test report : AT0185	date : 02.03.2017
axle 5 : reference axle: HENDRICKSONSBW 1937	brake lining: WABCO 230
test report : AT0185	date : 02.03.2017

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 = 25.8 % Fe
axle 2 (rdyn 421 mm)	T = 25.8 % Fe
axle 3 (rdyn 421 mm)	T = 17.3 % Fe
axle 4 (rdyn 421 mm)	T = 17.3 % Fe
axle 5 (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 = 58 mm)	s = 48 mm
axle 2 (sp = 58 mm)	s = 48 mm
axle 3 (sp = 56 mm)	s = 48 mm
axle 4 (sp = 56 mm)	s = 48 mm
axle 5 (sp = 56 mm)	s = 48 mm

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

axle1	ThA = 7441 N
axle2	ThA = 7441 N
axle3	ThA = 3984 N
axle4	ThA = 3984 N
axle5	ThA = 3984 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 = 45944 N
axle 2 (rdyn 421 mm)	T = 45944 N
axle 3 (rdyn 421 mm)	T = 24566 N
axle 4 (rdyn 421 mm)	T = 24566 N
axle 5 (rdyn 421 mm)	T = 24566 N

basic test of subject trailer (E)	type III (calculated) residual (hot)braking
0.60	0.48

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

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 = 45944 N
axle 2 (rdyn 421 mm)	T = 45944 N
axle 3 (rdyn 421 mm)	T = 24566 N
axle 4 (rdyn 421 mm)	T = 24566 N
axle 5 (rdyn 421 mm)	T = 24566 N

basic test of subject trailer (E)	type III (calculated) residual (hot)braking
0:60	0.48

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

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

	<u>axle 3</u>	<u>axle 4</u>
no of TRISTOP-actuators per axle line KDZ	2	2
TRISTOP-actuator type	T.14/16	T.14/16
lever length	69	69
stat. tyre radius	401	401
at a stroke of	30	30
min. force of spring brake	6200	6200
sp.brake chamber no Meritor.....	4	4
release pressure	4.5	4.5

calculation:

ratio until road	4.0466	4.0466
$iFb = lBh * \eta * C * rBt / (rBn * rstat)$		
for rstat in mm	401	401
brake force of spring br. Tf in N	49151	49151
$Tf = (TFZ * KDZ - 2 * Co / lBh) * iFb$		
braking rate	0.295	
$zf = \text{sum}(Tf) / P + 0,01$		

Test of the frictional connection required by the parking brake

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

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

$$\min Ef = 4153 \text{ mm for } E = 5300 \text{ mm}$$

$$\min Ef = 4153 \text{ mm for } E = 5300 \text{ mm}$$

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 = 1900 mm	height of center of gravity - laden
PR = 19200 kg	maximum bogie mass - laden
P = 35200 kg	maximum total mass - laden
nf = 2	no. of axle(s) with TRISTOP spring brake actuators
ng = 3	no. of bogie axle(s)

axle manufacturer
type of brake
type of axle

axle 1 + 2 + 3 + 4 + 5
HENDRICKSON
SBW 1937
SBW 1937
AT0185

test report of characteristic value

adm. stat. axle load
tested axle load
max. adm. tyre radius
adm. cam. torque (6,5 bar)
lining area per brake
no. of brake cylinder
brakefactor (SB) Bf
brakefactor (PB) Bf
threshold torque (Co,dec)

Pstat in kg 9000
Pe in kg 10200
Rezul in mm 999
Czul in Nm 640
AB in cm² 292
- 2
- 23.49
- 23.49
Mo in Nm 6

date
brake lining
cam torque
brake force
stroke
tested tyre radius
tested lever length
threshold torque (Co,e)

02.03.2017
WABCO 230
Ce in Nm 638
TeIII in daN 4649
seIII in mm 48
Re in mm 520
le in mm 69
in Nm 5

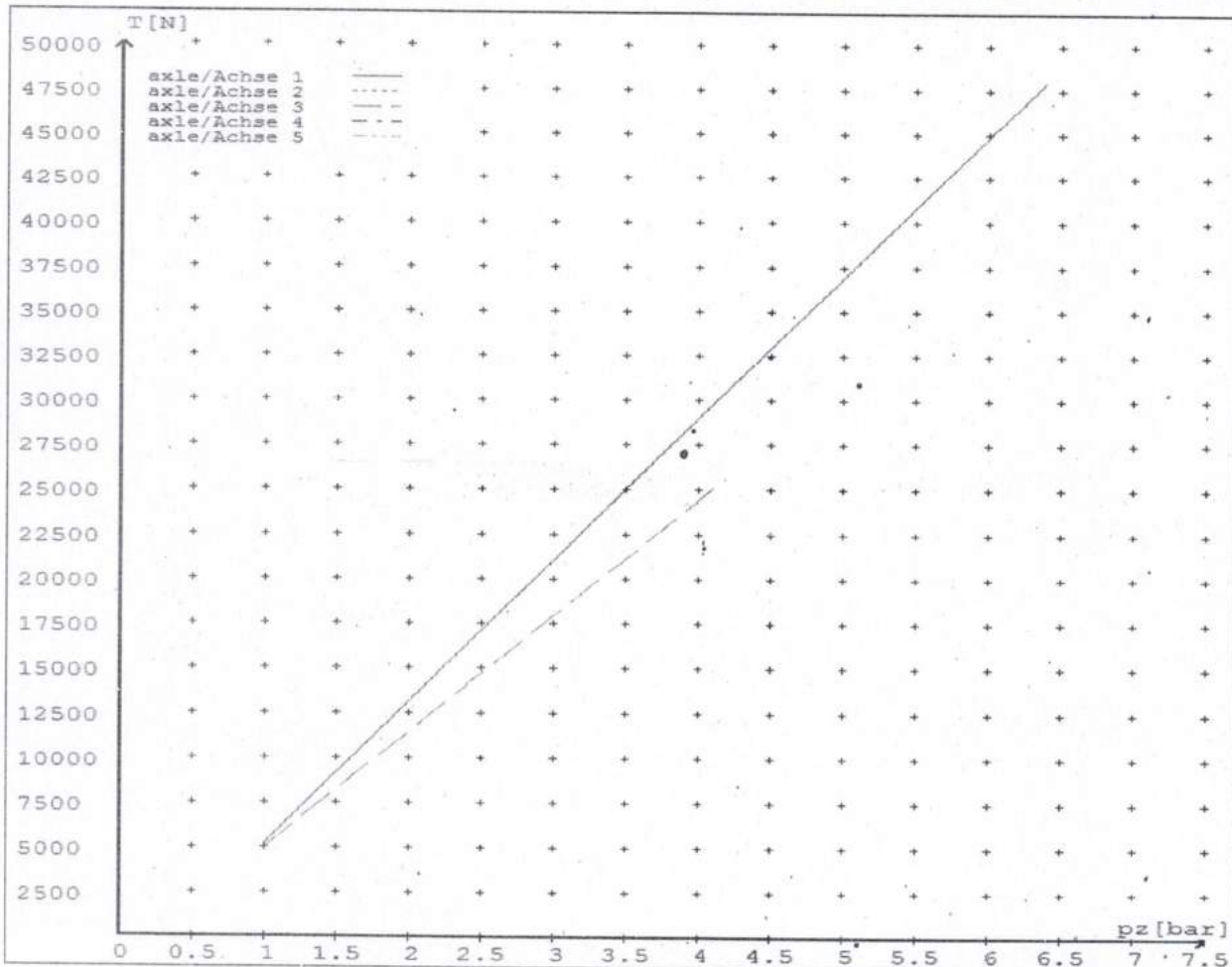
reference values

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

	pz [bar]	T [N]	T [N]
axle 1	1.0	5167	
	6.4	47975	
axle 2	1.0	5167	
	6.4	47975	
axle 3	1.0		4971
	4.2		25603
axle 4	1.0		4971
	4.2		25603
axle 5	1.0		4971
	4.2		25603

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	20./	20./	T.14/24	T.14/24	14./
Maximum stroke smax = ...mm maximaler Hub smax =mm	65	65	64	64	64
Lever length =mm Hebellänge =mm	69.08	69.08	69.08	69.08	69.08



reference values for $z = 0.5$

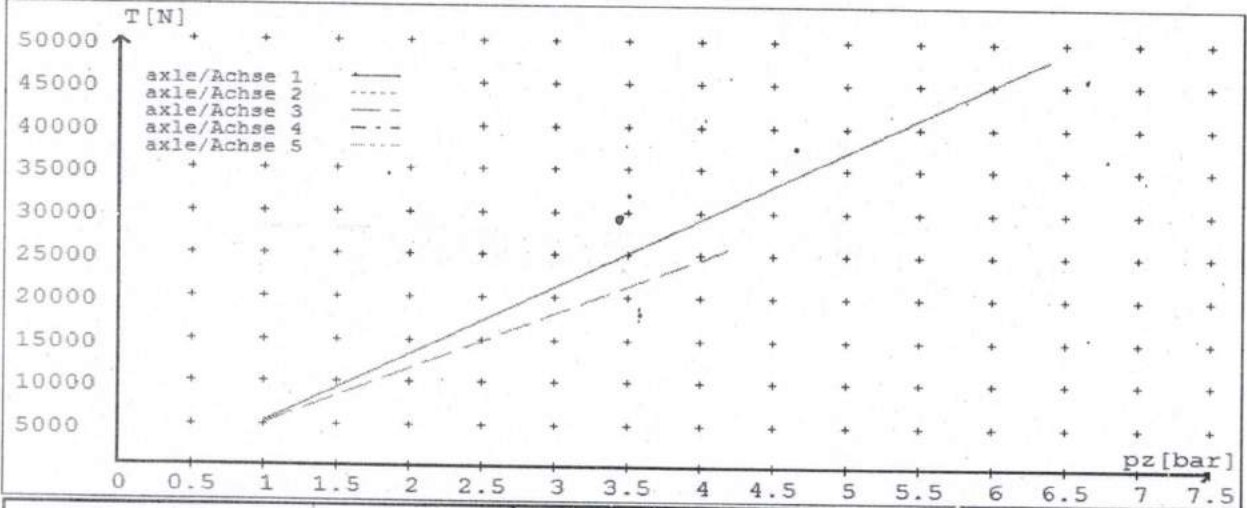
Angabe der Referenzwerte für $z = 0.5$

for max rdyn: 421 mm

für max rdyn: 421 mm

brake calculation no: TP 51645A date 01.09.2017

Bremsberechnung Nr: TP 51645A vom 01.09.2017



	Axle(s) / Achse(n)				
	20./	20./	T.14/24	T.14/24	14./
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	20./	20./	T.14/24	T.14/24	14./
Maximum stroke $s_{max} = \dots$ mm maximaler Hub $s_{max} = \dots$ mm	65	65	64	64	64
Lever length = \dots mm Hebellänge = \dots mm	69.08	69.08	69.08	69.08	69.08

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)

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

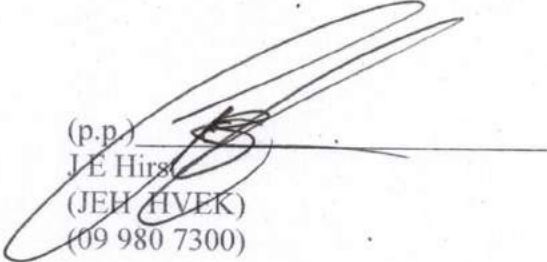
WABCO Park Release Emergency Valve
(PREV)

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)

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

CERTIFICATE NO.

JH180704

CUSTOMER NAME

DOMETT TRAILERS LTD

CUSTOMER ORDER NO.

5632

DATE RECEIVED

17-Jul-18

VEHICLE TYPE

TIPPER

VIN/ CHASSIS NO.

7A9E35019J1023759

BRIEF SPECIFICATION AS CERTIFIED TO SCHEDULE 5

<u>BRAKE VALVES</u>	<u>MAKE</u>	<u>TYPE</u>
PRIMARY RELAY	WABCO	480 102 08.0
SECONDARY RELAY	WABCO	480 207 202.0
YARD RELEASE VALVE	WABCO	971 002 900.0
PARK BRAKE VALVE	WABCO	971 002 900.0
<u>SUSP. VALVES [WABCO]</u>	<u>FRONT</u>	<u>REAR</u>
CONTROL	441 044 101.0	N/A
DISTANCE SENSOR	464 008 011.0	464 008 011.0

OTHER VALVES:

MAKE:	WABCO	TYPE:	461 513 002.0	SETTING:	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 & 4

AXLE 5

MAKE

TSE

TSE

TSE

SIZE

20HSCLD65

1416HTLD64

14HSCLD64

MAX STROKE (mm)

65

64

64

SLACK LENGTH (mm)

69

69

69

DRUM TYPE:

N/A

N/A

N/A

OR

BRAKE CALIPER:

SBW1937

SBW1937

SBW1937

FRICTION MATERIAL:

OEM

AFTERMARKET

LINING BRAND

AXLE 1 & 2

AXLE 3 & 4

AXLE 5

WABCO 230

WABCO 230

WABCO 230

OTHERS:

TYRES:

FRONT

REAR

265 70 R 19.5

265 70 R 19.5

BRAKE CALCULATION #:

TP51645

COMMENTS:

EBS, SPECIAL CONDITIONS APPLY. SEE INSTRUCTIONS ON LT400 #

(CJC)

SALES ORDER #:

SO1162355

PROCESS TIME:

1 Hour

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:

REFER TO BRAKE CALCULATION TP51645: $z = 0.295$, @98302 (N)

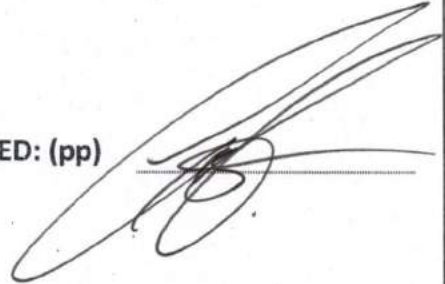
FRONT FRICTION (μ) = 0.5

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: 17-Jul-18

SIGNED: (pp)



NAME & ID: J HIRST (JEH)

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:
