



# WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2022-08-23	Serial number	897042247000G
Serial number (modulator)	000000558530		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-10-13 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

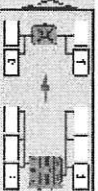
## WABCO

### TRAILER EBS-E

· GGVS/ADR TUEH TB 2007 - 019.00  
TDB0749

HERSTELLER FABRIK CONSTRUCTEUR	DOMETT TRAILERS	GIO	Pin1	Pin3	Pin4
TYPE	5AFT CURTAIN SIDE	1	---	---	---
VEHICLE TEST NUMBER	7A9E20010N2023221	2	---	---	---
CHASSIS NUMBER NUMERO DE CHASSIS	TP52536A	3	AL52	AL52	---
DEPRECECHANGES Nr BRAKE CALCULATION NO. CALCUL. DE FREINAGE NO.	90	4	---	---	---
POLYADZIANEZAVIL-c-d-e-f POLE WHEEL TEETH-c-d-e-f DENTS ROUE DENVER c-d-e-f	90	5	DIAG	DIAG	DIAG
RSS Single Tire	X	6	---	---	---
RSS Zwillingssperierung With the Main pinde	X	7	---	---	---

Einbaueinheit	Lehrachse	ABS-System	4S/3M
RSS	Steuerung axle	ABS-System	
RSS	Spindel vorder	Systeme ABS	
RSS	Kipparfaches Fahrzeug	Systeme ABS	
RSS	Optical Trailer	Systeme ABS	
RSS	Optical Trailer	Systeme ABS	
RSS	Optical Trailer	Systeme ABS	



ACHSE AXLE RESIDU	A1		A2		pz	TYPE	(mm)	(mm)	TR (bar)					
	pm (bar)	6.5	pm (bar)	0.8					2.0	1.0	Pz			
1	1650	0.7	2.2	8000	5.1	0.4	1.3	---	5.9	20	65	69	504	4287
2	1650	0.7	2.2	8000	5.1	0.4	1.3	---	5.9	20	65	69	504	4287
3	1350	0.5	1.8	6350	4.0	0.3	1.4	---	4.8	-	64	69	484	2870
4	1350	0.5	1.8	6350	4.0	0.3	1.4	---	4.8	-	64	69	484	2870
5	1350	0.5	1.8	6350	4.0	0.3	1.4	---	4.8	-	64	69	484	2870

#### 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 TRAILERS	Vehicle ident. no.	7A9E20010N2023221
Vehicle type	5AFT CURTAIN SIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature	
Date	2022-10-13 7:44:47 am		

distribution: DOMETT TRAILERS  
 7A9E20010N2023221  
 SODC: JH220712  
 LT400: CTC 842399

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 db 31.08.2018

vehicle manufacturer: DOMETT TRAILERS  
 trailer model : SAFT CURTAIN SIDE  
 trailer type : 5-axle-full-trailer  
 remarks : air / hydraulic / VA suspension  
 WABCO TRAILER - EBS E  
 TRISTOP 3+4: T.14/24 [TSE1416HTTD64 ACTUALLY FITTED -  
 SEE PAGE 7 FOR PERFORMANCE DATA]  
 265/70 R 19,5

axle 1 + 2 + 3 + 4 + 5 : SAF, SBW 1937, TDB 0749 ECE,

		unladen	laden
total mass	P	7350	35050
axle 1	P1	1650	8000
axle 2	P2	1650	8000
axle 3	P3	1350	6350
axle 4	P4	1350	6350
axle 5	P5	1350	6350
wheel base	E	7500	2090
centre of gravity height	h	1100	

	axle 1	axle 2	axle 3	axle 4	axle 5
no. of combined axles	1	1	1	1	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	23.03	23.03	23.03	23.03	23.03
dyn. rolling radius	421	421	421	421	421
dyn. rolling radius	421	421	421	421	421
threshold torque	Co	6.0	6.0	6.0	6.0

calculation:

	min)	PH at z=22,5%bar	max)PH at z=22,5%bar	at pm6,5bar	bar	N	T lad. at pm6,5bar N	at pm6,5bar N	rolling resistance
chamber pressure(rdyn	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	
chamber pressure(rdyn	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	
chamber press.(servo)pcha	5.9	5.9	4.8	4.8	4.8	4.8	4.8	4.8	
piston force	6825	6825	4586	4586	4586	4586	4586	4586	
brake force(rdyn min)T lad.	51709	51709	34623	34623	34623	34623	34623	34623	
brake force(rdyn max)T lad.	51709	51709	34623	34623	34623	34623	34623	34623	
Brake force incl. 1 % rolling resistance	22.3	22.3	18.5	18.5	18.5	18.5	18.5	18.5	

braking rate z laden 0.603 for rdyn min  
 z = sum (TR)/EKmax 0.603 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

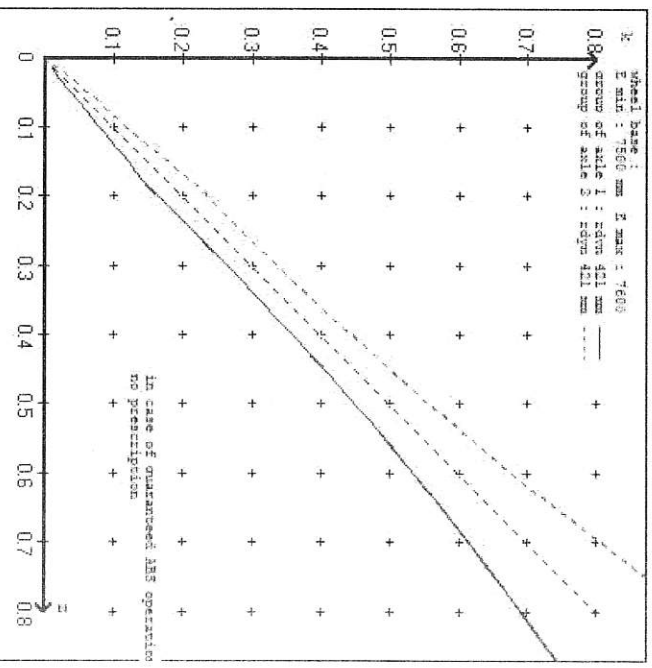
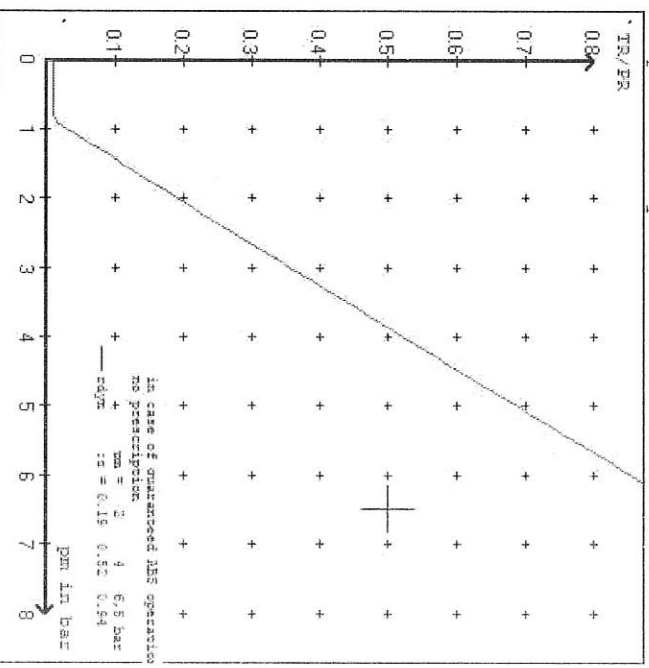
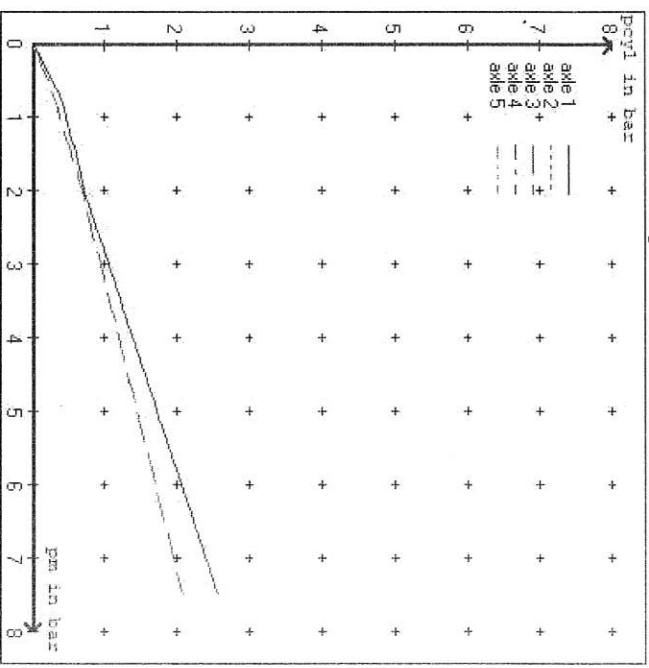
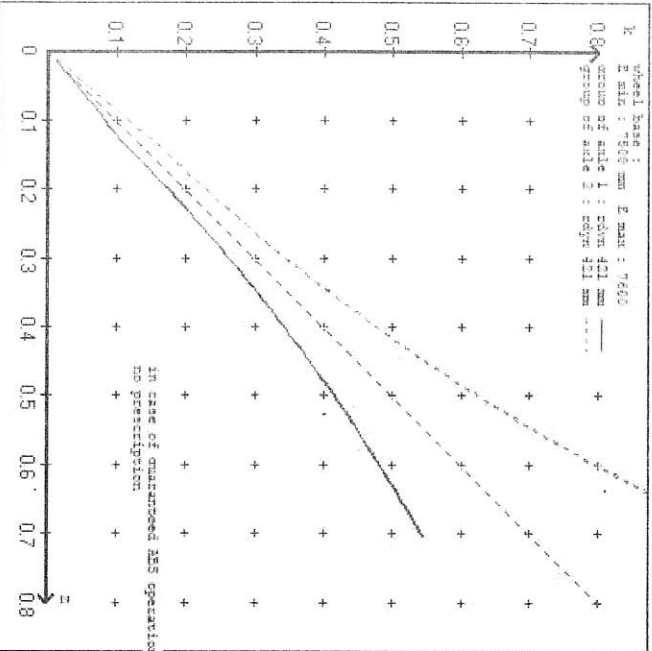
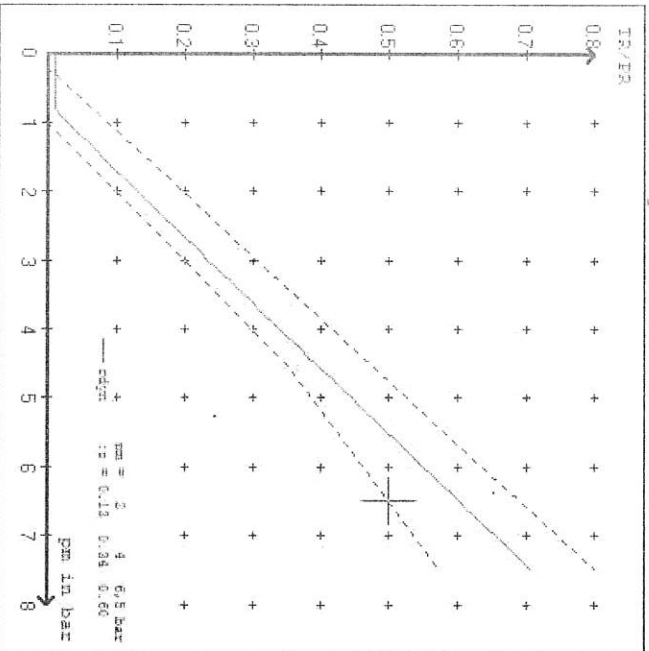
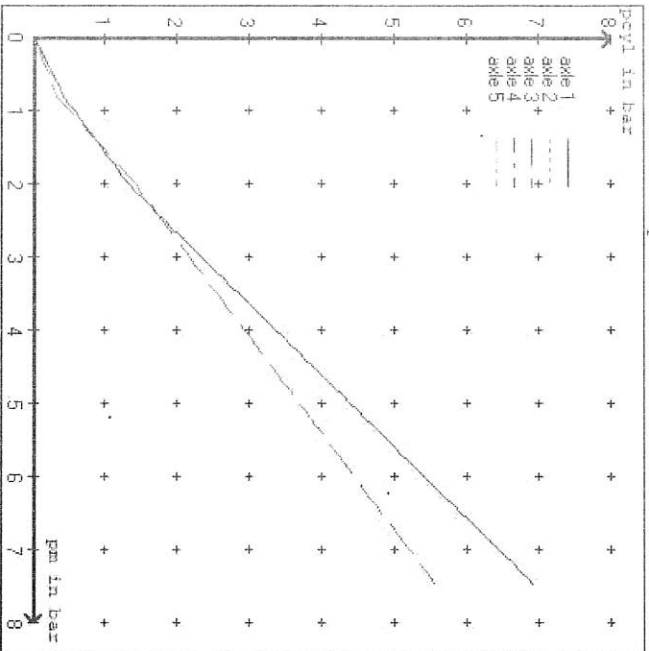
axle 5:

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 3.6 bar =>	pcha in bar :	3.0	3.0	2.6	2.6	2.6
test type III (ZIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	axle5
at pm 1.3 bar =>	pcha in bar :	0.8	0.8	0.8	0.8	0.8





vehicle manufacturer: DOMETT TRAILERS  
 trailer model : SAFT CURTAIN SIDE  
 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 : SAFT CURTAIN SIDE  
 trailer type : 5-axle-full-trailer  
 brake calculation no. : TP 52536A

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	1650	to be	2.2	8000	to be	0.4	1.3	5.9
2	1650	entered by	2.2	8000	entered by	0.4	1.3	5.9
3	1350	the vehicle	1.8	6350	the vehicle	0.3	1.4	4.8
4	1350	manufact.	1.8	6350	manufact.	0.3	1.4	4.8
5	1350	manufact.	1.8	6350	manufact.	0.3	1.4	4.8

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 load pcyl      axle 2      axle 3      axle 4      axle 5  
 1650      1650      1350      1350      1350  
 2.2      2.2      1.8      1.8      1.8  
 2150      2150      1850      1850      1850  
 2.5      2.5      2.1      2.1      2.1  
 2650      2650      2350      2350      2350  
 2.8      2.8      2.4      2.4      2.4  
 3150      3150      2850      2850      2850  
 3.1      3.1      2.7      2.7      2.7  
 3650      3650      3350      3350      3350  
 3.4      3.4      3.0      3.0      3.0  
 4150      4150      3850      3850      3850  
 3.7      3.7      3.3      3.3      3.3  
 4650      4650      4350      4350      4350  
 3.9      3.9      3.6      3.6      3.6  
 5150      5150      4850      4850      4850  
 4.2      4.2      3.9      3.9      3.9  
 8000      8000      6350      6350      6350  
 5.9      5.9      4.8      4.8      4.8

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
axle 4 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 5 : 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 = 24.3 % Fe
axle 2	(rdyn 421 mm)	T = 24.3 % Fe
axle 3	(rdyn 421 mm)	T = 18.2 % Fe
axle 4	(rdyn 421 mm)	T = 18.2 % Fe
axle 5	(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 = 39 mm
axle 2	(sp = 58 mm)	s = 39 mm
axle 3	(sp = 56 mm)	s = 39 mm
axle 4	(sp = 56 mm)	s = 39 mm
axle 5	(sp = 56 mm)	s = 39 mm

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

axle1	ThA = 6825 N
axle2	ThA = 6825 N
axle3	ThA = 4586 N
axle4	ThA = 4586 N
axle5	ThA = 4586 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 = 40393 N
axle 2	(rdyn 421 mm)	T = 40393 N
axle 3	(rdyn 421 mm)	T = 27098 N
axle 4	(rdyn 421 mm)	T = 27098 N
axle 5	(rdyn 421 mm)	T = 27098 N

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.47

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

axle 1	(rdyn 421 mm)	T = 40393 N
axle 2	(rdyn 421 mm)	T = 40393 N
axle 3	(rdyn 421 mm)	T = 27098 N
axle 4	(rdyn 421 mm)	T = 27098 N
axle 5	(rdyn 421 mm)	T = 27098 N

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.47

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



spring parking brake

	axle 3	axle 4
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
rstat max in mm		
at a stroke of	30	30
min. force of spring brake	6160	6160
sp.brake chamber no Meritor.....	4	4
release pressure	4.8	4.8
	pls in bar	

calculation:

ratio until road  $3.9674$   $3.9674$   
 $iFb = lBh * \eta + C * rBl / (rBh * rstat)$   
 for rstat in mm  $401$   $401$   
 brake force of spring br. Tf in N  $48188$   $48188$   
 $Tf = (TFZ * KDZ - 2 * Co / lBh) * iFb$   
 braking rate  $zF$  laden  $0.290$   
 $zF = \text{sum}(Tf) / P + 0,01$

Test of the frictional connection required by the parking brake

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

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

min Ef =  $5736$  mm for E =  $7500$  mm  
 min Ef =  $5805$  mm for E =  $7600$  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 =  $2090$  mm height of center of gravity - laden  
 PR =  $19050$  kg maximum bogie mass - laden  
 P =  $35050$  kg maximum total mass - laden  
 nf =  $2$  no. of axle(s) with TRISTOP spring brake actuators  
 ng =  $3$  no. of bogie axle(s)

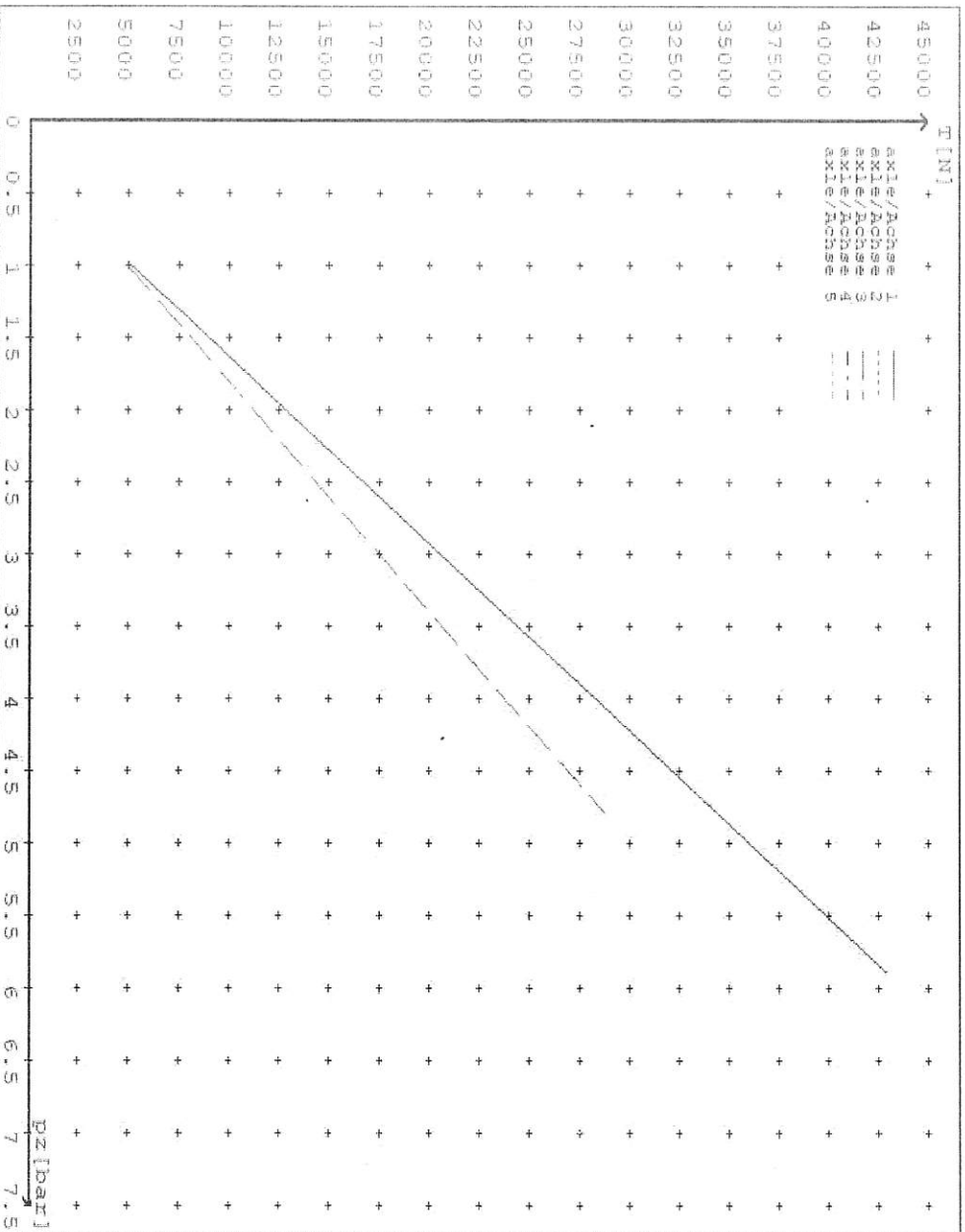
**reference values**

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

	pz [bar]	T [N]	T [N]
axle 1	1.0	5045	
	5.9	42876	
axle 2	1.0	5045	
	5.9	42876	
axle 3	1.0		4848
	4.8		28709
axle 4	1.0		4848
	4.8		28709
axle 5	1.0		4848
	4.8		28709

VIN - no.:

brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	Axle(s) / Achse(n)				
	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





**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:** HILTON HAULAGE

**VEHICLE DETAILS**

**VEHICLE TYPE:** SAFT CURTAINSIDE **CERT #:** JH220712  
**YEAR:** 2022 **CALCULATION #:** TP52536  
**MAKE:** DOMETT **REGO #:** N/A  
**MODEL:** E2001 H **LT400 #:** 842399  
**CHASSIS #:** 2221 **ORDER #:** 9072  
**VIN #:** 7A9E20010N2023221

**GVM: t** 32 **PRIME MOVER:** EBS / EUROPEAN

**LOAD CONFIGURATION:** MIXED FREIGHT

**GROUP RATINGS: t**

FRONT	REAR
16	19
7.57	

**WHEEL BASE: m**

UNLADEN COG m	MAX HEIGHT m	HEIGHT DECK m
1.1	4.3	1.106

**COG: m** 2.087

**TARE: t**

FRONT	REAR	TOTAL
3.3	4.1	7.4

**TYRE SIZE:** 265 70 R19.5

FRONT	REAR
265 70 R19.5	265 70 R19.5

**ROLLING CIRCUMFERENCE: mm** 2645

FRONT	REAR
2645	2645

**AXLE SPACING: m** 1.31

FRONT	REAR
1.31	2.51

**BRAKE & AXLE DETAILS**

	MAKE	MODEL	TEST REPORT
AXLE:	SAF	SAF-Z19W	TDB0749
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90
LINING MATERIAL:	JURID 539	BRAKE FACTOR:	23.03
SENSED AXLE(S):	# 2 + 4	NOTES:	
SERIAL NUMBERS:	1	N/A	SAF NG-IU28
	2	N/A	SAF NG-IU28
	3	N/A	SAF NG-IU28
	4	N/A	SAF NG-IU28
	5	N/A	SAF NG-IU28

**CHAMBER AND VALVING DETAILS**

	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
CHAMBERS:	TSE_CHAMBERS	TSE_CHAMBERS	TSE_CHAMBERS
BRAND:	20HSCLD	1416HTLD	14HSCLD
SIZE:	65	64	64
STROKE: mm	BC 0041.0 Jul '07	BC0143.0	BZ 122.1 Sep '00
TEST REPORT #:	N/A	6.16	N/A
SPRINGBRAKE FORCE: kN	N/A	4.8	N/A
HOLDOFF PRESSURE: Bar	WABCO PAN19	WABCO PAN19	WABCO PAN19
FOUNDATION BRAKE:	69	69	69
LEVER LENGTH: mm	MAKE:	PART NUMBER:	PMI PRESS. kPa

BRAKE VALVES:	WABCO	480 102 08.0 (MV)	80 kPa
ECU PART #:	WABCO	480 207 202 0 (12V)	80 kPa
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:	<input checked="" type="checkbox"/> FRONT	<input type="checkbox"/> REAR	FRONT FRICTION: $\mu$ 0.48

SUBSYSTEMS:  SMARTBOARD  OPTI-LINK  CAN ROUTER 446 122 050 0  
 ELEX 446 122 070 0  TAILGUARD

**SUSPENSION**

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	PNEUMATIC
MAKE:	SAF_AIRSPRING	SAF_AIRSPRING
MODEL:	SAF_INTRA	SAF_INTRA
BELLOW SIZE:	2619, 300mm	2619, 300mm
HEIGHT CONTROL VALVE:	HALDEX 90554950	HALDEX 90554950
OTHER VALVES:	N/A	N/A
RIDE HEIGHT <i>mm</i> :	260	260
HANGER HEIGHT <i>mm</i> :	200	200
PEDESTAL HEIGHT <i>mm</i> :	50	50
LIFTAXLE:	N/A	N/A
TIPPING DUMP SWITCH:	N/A	N/A
LIFTAXLE VALVE:	N/A	N/A
PRESSURE LIMITING:	N/A	N/A

**AIR TANKS**

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

**AIR LINES**

TEST POINTS:		
CONTROL LINE:	X 1	TANK: X 1
REAR CHAMBER:	X 2	FRONT CHAMBER: X 1
DUOMATIC COLOUR CODED:	YES	

**ELECTRONIC HEIGHT SENSOR CALIBRATION**

	TIMER TICKS [F/R]	MILLIMETRE [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:  VALVE MOUNTING:

ECU BLANKING PLUGS CHECKED:

RESPONSE TIME: MODULATOR 2.1      MODULATOR 2.2      RELAY VALVE  
ms:            

**NOTES AND SPECIAL CONDITIONS**

FILES RECEIVED: 22.06.2022

FILES CREATED & SENT TO CJC: 08.07.2022

FILES RETURNED AS COMPLETE:

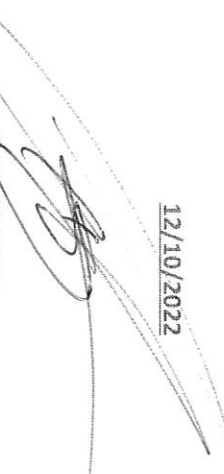
REASON FOR CERTIFICATION: NEW TRAILER BUILD

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

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

DATE: 12/10/2022

SIGNED:

  
CERTIFIER NAME & ID: CHRIS CLARKE      CJC

SODC BY: JOHN HIRST      JEH

PHONE (BUS): 09-980-7300

FAX:

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





## **NOTICE TO VEHICLE OPERATOR**

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

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

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

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

### **10.1 RESPONSIBILITIES OF OPERATORS**

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

### **10.2 RESPONSIBILITIES OF REPAIRERS**

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

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

### **10.3 RESPONSIBILITIES OF MODIFIERS**

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

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

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

***COMPLAINTS. Complaints and Warranty issues which relate to Brake Certification will be acknowledged within 7 working days and a resolution proposed within 25 working days. Resolution of complaints and Warranty issues is subject to Transpecs Warranty policy. Customers have the right to appeal to the New Zealand Transport Authority if dissatisfied with a Compliance issue. (Refer NZTA Deed Of Appointment Para 47.4) NZTA Helpdesk 0800 699 000***



## **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.

A handwritten signature in black ink, appearing to read 'J E Hirst', is written over the printed name.

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 HV/EK)  
(09 980 7300)