

8892

**Heavy vehicle specialist certificate**

Must be presented to a CoF (heavy) inspecting organisation if not entered into LANDATA

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

Plate number (optional)	VIN/chassis number <b>7A9C20021N2023194</b>
Make <b>DOMETT</b>	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) <b>C2002 BPH</b>	
Certification category <b>HVEK</b>	

Description of work  
 CERTIFY TO SCHEDULE 5 OF LTR 32015/5: NZ HEAVY VEHICLE BRAKE SPECIFICATION.  
 CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.  
 3ASBTR CURTAINSIDE **RSS ON TYRE: 265 70 R19.5**  
 FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.  
**REASON FOR CERTIFICATION: NEW TRAILER BUILD**

Code/standard/rule certified to LTR 32015/5	Component load rating(s) 28 Tonnes GVM
General drawing number(s) N/A	19 Tonnes (Rear group rating)

Supporting documents  
 BRAKE RULE CERTIFICATE JH220504  
 BRAKE CALCULATION # TP52500


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

Certification expiry date (if applicable) N/A [UNLESS MODIFIED] **OR** Hubodometer reading (whichever comes first)

**Declaration**

I the undersigned, declare that I am the heavy vehicle specialist inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.

Designer's ID (if different from inspector below)

Inspector's signature 

Inspector's name (PRINT IN CAPS) **CHRIS CLARKE** ID number **CJC**

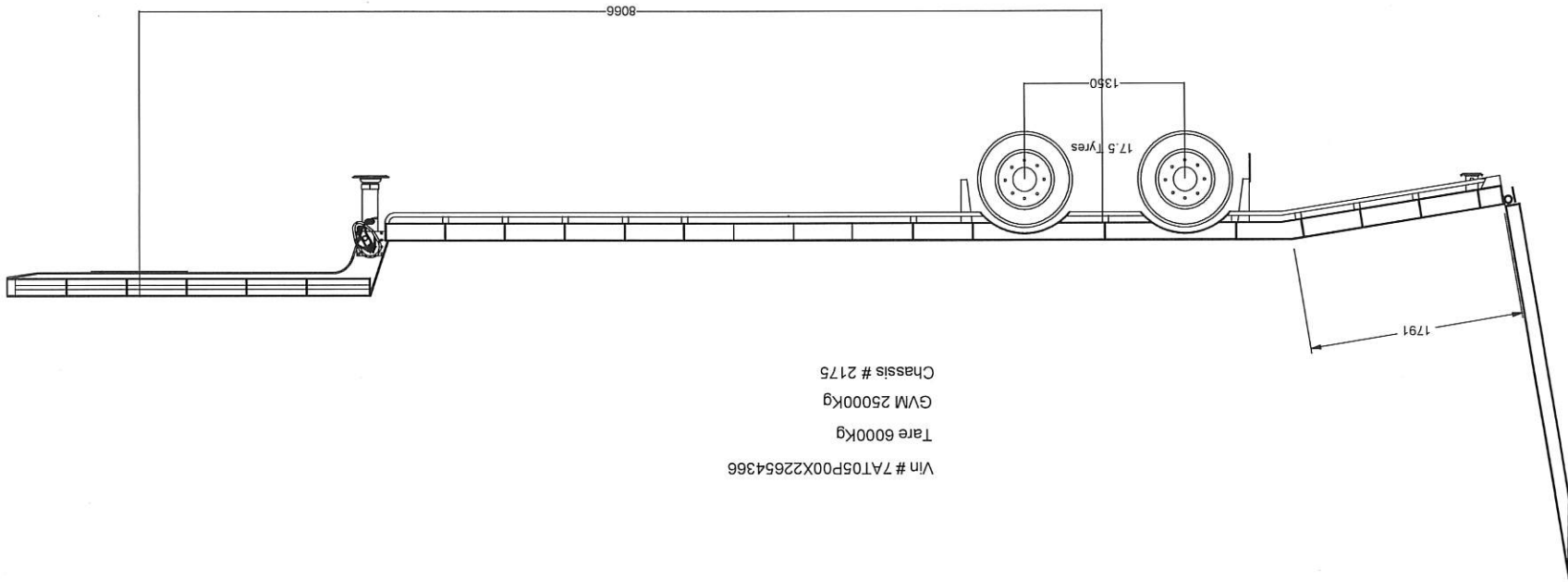
Date **09.05.2022** Number **825542**

CoF vehicle inspector ID (if applicable)

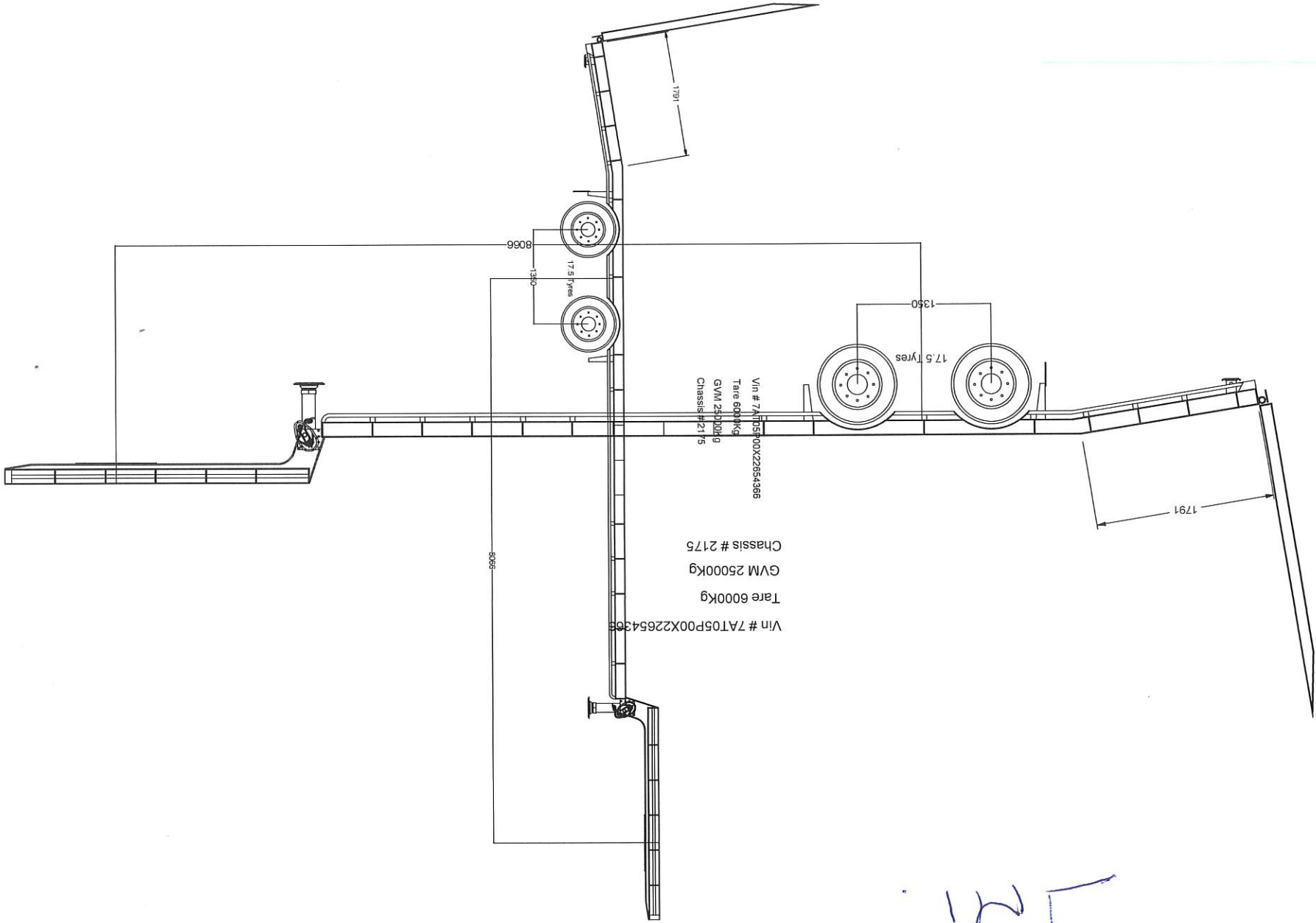
CoF vehicle inspector signature (if applicable)

Date

All fields are mandatory unless otherwise stated.



Vin # 7AT05P00X22654366  
Tare 6000Kg  
GVM 25000Kg  
Chassis # 2175



IMT

# WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2022-01-20	Serial number	897040920700L
Serial number (modulator)	000000546650		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-05-06 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

## WABCO

### TRAILER EBS-E

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

HERSTELLER FABRIQUEUR CONSTRUCTEUR	DOMETT TRAILERS		
TYPE TYPE	3ASBTR CURTAINSIDE		
VEHICLE / ROEYAT NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9C20021N2023194		
BRANDRECHENUNGS-AR. CALCUL. DE FREMAGE NO.	TP52500S		
POLRADANMEZM. / c-d / e-d POLE WHEEL / TETHI / c-d / e-d BENTS ROUE / DENVE / c-d / e-d	90	---	ABS-System ABS-System Systeme ABS
RSS RSS RSS	Einachsereberung Single Tire Sohne simple	Leerkachse Steuerung axle Esses wheel	
Zweilingsbereirung Man Two Mach jumele	X	Kipprichtiches Fahrzeug Giechielliche Giechielliche	
Subsystems	SB	I/O	24N

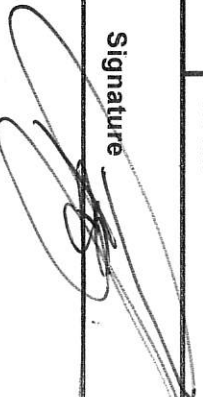
GIO	Pin1	Pin3	Pin4
1	---	---	---
2	---	---	---
3	---	---	---
4	---	---	---
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---

ACHSE AXLE ESSEU	pm (bar)	6.5	pm (bar)	0.8	2.0	6.5	pz	Tb	TYP TYPE	(mm)	(mm)	TR (daN)		
												1.0	Pz	
1	1350	0.5	2.1	6350	3.6	0.5	1.5	5.5	-	16 / 24	65	74	345	2805
2	1350	0.5	2.1	6350	3.6	0.5	1.5	5.5	-	16 / 24	65	74	345	2805
3	1350	0.5	2.1	6350	3.6	0.5	1.5	5.5	-	16	65	74	345	2805
4	0	---	---	---	---	---	---	---	---	---	---	---	---	---
5	0	---	---	---	---	---	---	---	---	---	---	---	---	---

#### TEBS-E

Diagnostic memory	OK	Warning lamp control	OK
Parameter setting	carried out	Stop light supply	OK
EBS pressure test	OK	Lifting axle test	Not tested
Redundancy test	OK	ECAS height sensor calibration	Not tested
ABS sensor assignment	OK	Height sensor axle load	Not tested
RTR test	Not tested	Leak test	Not tested
Immobilizer test	Not tested	Signal outputs	Not tested
Signal inputs	Not tested	Tag axle test	Not tested

#### Electronic Extension Module

Diagnostic memory	Not tested	Signal outputs	Not tested
TailGUARDlight	Not tested	TailGUARD	Not tested
Manufacturer	DOMETT TRAILERS	Vehicle Ident. no.	7A9C20021N2023194
Vehicle type	3ASBTR CURTAINSIDE	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-05-06 9:58:08 am		

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

distribution: DOMETT TRAILERS  
 7A9C20021N2023194  
 SoDC: JH220504  
 LT400: CTC 825542

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 : 3ASBTR CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 remarks : air / hydraulic / VA suspension  
 WABCO TRAILER - EBS E  
 TRISTOP 1+2: 16/24  
 265/70 R 19,5

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

		unladen		laden
total mass	P in kg	5000	-	6000
king-pin	PS kg	950	-	1950
axle 1	P1 in kg			1350
axle 2	P2 in kg			1350
axle 3	P3 in kg			1350
total axle mass	PR in kg			4050
wheel base	E in mm		6200	-
centre of gravity height	h in mm		910	
K-factor	Kv min		1.9682	
K-factor	Kv max		1.9876	
	Kc min		0.9696	
	Kc max		0.9904	

	axle 1	axle 2	axle 3
no. of combined axles	1	1	1
no. of brake chambers per axle line	2	2	2
The power output corresponds to	BC 0165.2BC	0165.2BC	0169.2
brake chamber manufacturer	Haldex	Haldex	Haldex
chamber size	16/24	16/24	16"
Lever length	74	74	74
brake factor	20.26	20.26	20.26
dyn. rolling radius	421	421	421
dyn. rolling radius	rdyn max in mm	421	421
threshold torque	Co Nm	7.0	7.0

calculation:

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

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

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

brake diagram : 841 701 101.0

maximum pressure: 8.5 bar

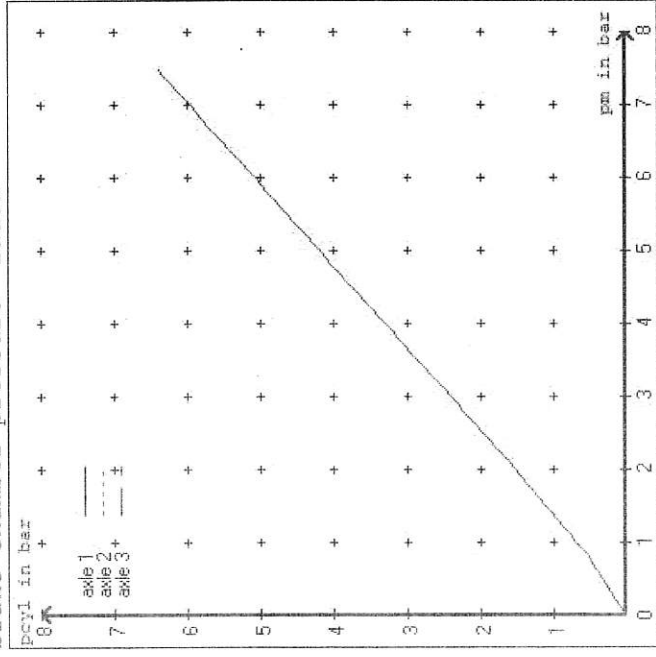
axle 1:  
valve 1: 971 002 ... 0 WABCO  
EBS emergency valve  
valve 2: 480 102 ... 0 WABCO  
EBS trailer modulator  
brake cylinder: Haldex 135 1624 ... / 175 1624...

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

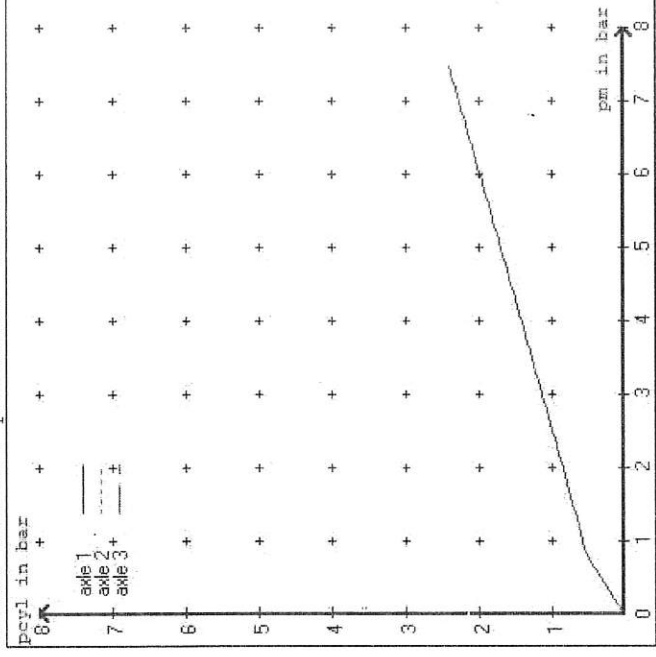
axle 3:  
valve 1: 971 002 ... 0 WABCO  
EBS emergency valve  
valve 2: 480 102 ... 0 () WABCO or 480 207 0.. 0 / 2.. 0  
EBS trailer modulator  
brake cylinder: Haldex 125 160 0.. - 125 160 5.. / 125 160 6.. - 125 160 9..

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

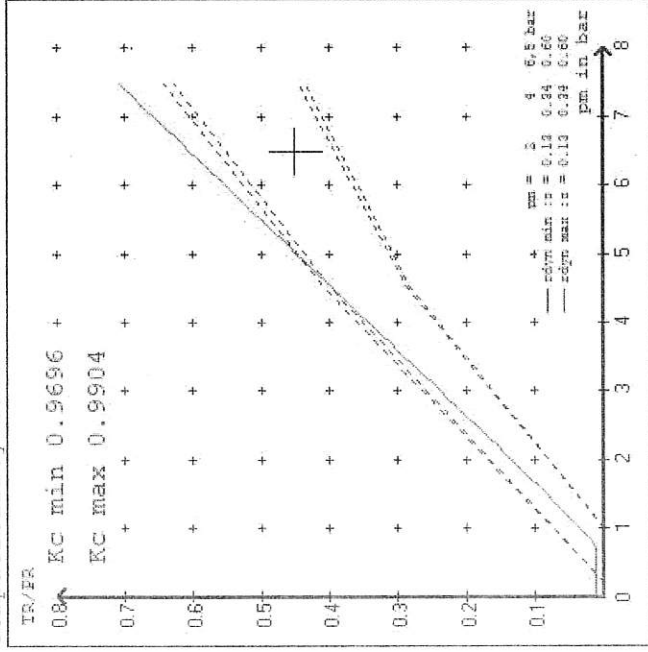
brake chamber pressure laden



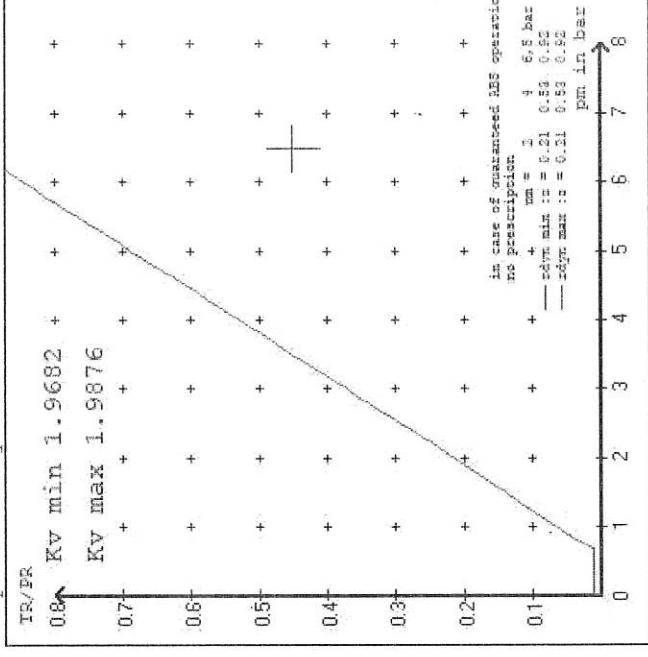
brake chamber pressure unladen



compatibility band laden



compatibility band unladen



vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTR CURTAINSIDE  
 trailer type : 3-axle-semi-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter 16/24 (Haldex) lever length 74 mm  
 axle 2 : 2 x type/diameter 16/24 (Haldex) lever length 74 mm  
 axle 3 : 2 x type/diameter 16" (Haldex) lever length 74 mm

brake diagram : 841 701 101 0

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

EBS input data

=====

vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTR CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 brake calculation no. : TP 52500S

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

axle	control pressure pm			6,5	control pressure pm			0.8	2.0	6.5
	axle load unladen	bellow pr. unladen	brake pr. unladen		axle load laden	bellow pr. laden	brake pr. laden			
1	1350	to be	2.1	6350	to be	0.5	1.5	5.5		
2	1350	entered by	2.1	6350	entered by	0.5	1.5	5.5		
3	1350	the vehicle	2.1	6350	the vehicle	0.5	1.5	5.5		
4	0	manufact.	0,0	0	manufact.	0,0	0,0	0,0		
5	0		0,0	0		0,0	0,0	0,0		

The unladen values indicated in the above table are values for the basic parameter set. Higher unladen axle loads and 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 pcy1	axle load pcy1	axle load pcy1
1350 2.1	1350 2.1	1350 2.1
1850 2.4	1850 2.4	1850 2.4
2350 2.8	2350 2.8	2350 2.8
2850 3.1	2850 3.1	2850 3.1
3350 3.5	3350 3.5	3350 3.5
3850 3.8	3850 3.8	3850 3.8
4350 4.1	4350 4.1	4350 4.1
4850 4.5	4850 4.5	4850 4.5
6350 5.5	6350 5.5	6350 5.5



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

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

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

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

calc. verif. of residual (hot) braking force type III  
 (item 4.2.1 of appendix 2 to annex 11)

axle 1 (rdyn 421 mm) T = 17.3 % Fe  
 axle 2 (rdyn 421 mm) T = 17.3 % Fe  
 axle 3 (rdyn 421 mm) T = 17.3 % Fe

calculated actuator stroke in mm

(item 4.3.1.1 of appendix 2 to annex 11)

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

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

axle1 ThA = 5294 N  
 axle2 ThA = 5294 N  
 axle3 ThA = 5294 N

calc. residual (hot) braking force in N  
 (item 4.3.1.4 of appendix 2 to annex 11)

axle 1 (rdyn 421 mm) T = 32282 N  
 axle 2 (rdyn 421 mm) T = 32282 N  
 axle 3 (rdyn 421 mm) T = 32282 N

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

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

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

axle 1 (rdyn 421 mm) T = 32282 N  
 axle 2 (rdyn 421 mm) T = 32282 N  
 axle 3 (rdyn 421 mm) T = 32282 N

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

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

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

spring parking brake

no of TRISTOP-actuators per axle	line KDZ	axle 1	axle 2
TRISTOP-actuator type		2	2
lever length	lBh in mm	16/24	16/24
stat. tyre radius	rstat max in mm	74	74
		401	401
at a stroke of	s in mm	30	30
min. force of spring brake	TFZ in N	6003	6003
sp.brake chamber no Haldex	.....	135 162	135 162
sp.brake chamber no Haldex	.....	175 162	175 162
release pressure	pLs in bar	5.2	5.2

calculation:

ratio until road

$iFb = lBh * \eta * C * rBt / (rBn * rstat)$

for rstat in mm

brake force of spring br. Tf in N

$Tf = (TFZ * KDZ - 2 * Co / lBh) * iFb$

braking rate

zf = sum (Tf) / P + 0,01

zf laden 0.483

3.7388	3.7388
401	401
44180	44180

Test of the frictional connection required by the parking brake

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

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

min Ef =	3993 mm	for	E =	6200 mm
=====				
min Ef =	4048 mm	for	E =	6300 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 =	2125 mm height of center of gravity - laden
PR =	19050 kg maximum bogie mass - laden
P =	30000 kg maximum total mass - laden
nf =	2 no. of axle(s) with TRISTOP spring brake actuators
ng =	3 no. of bogie axle(s)

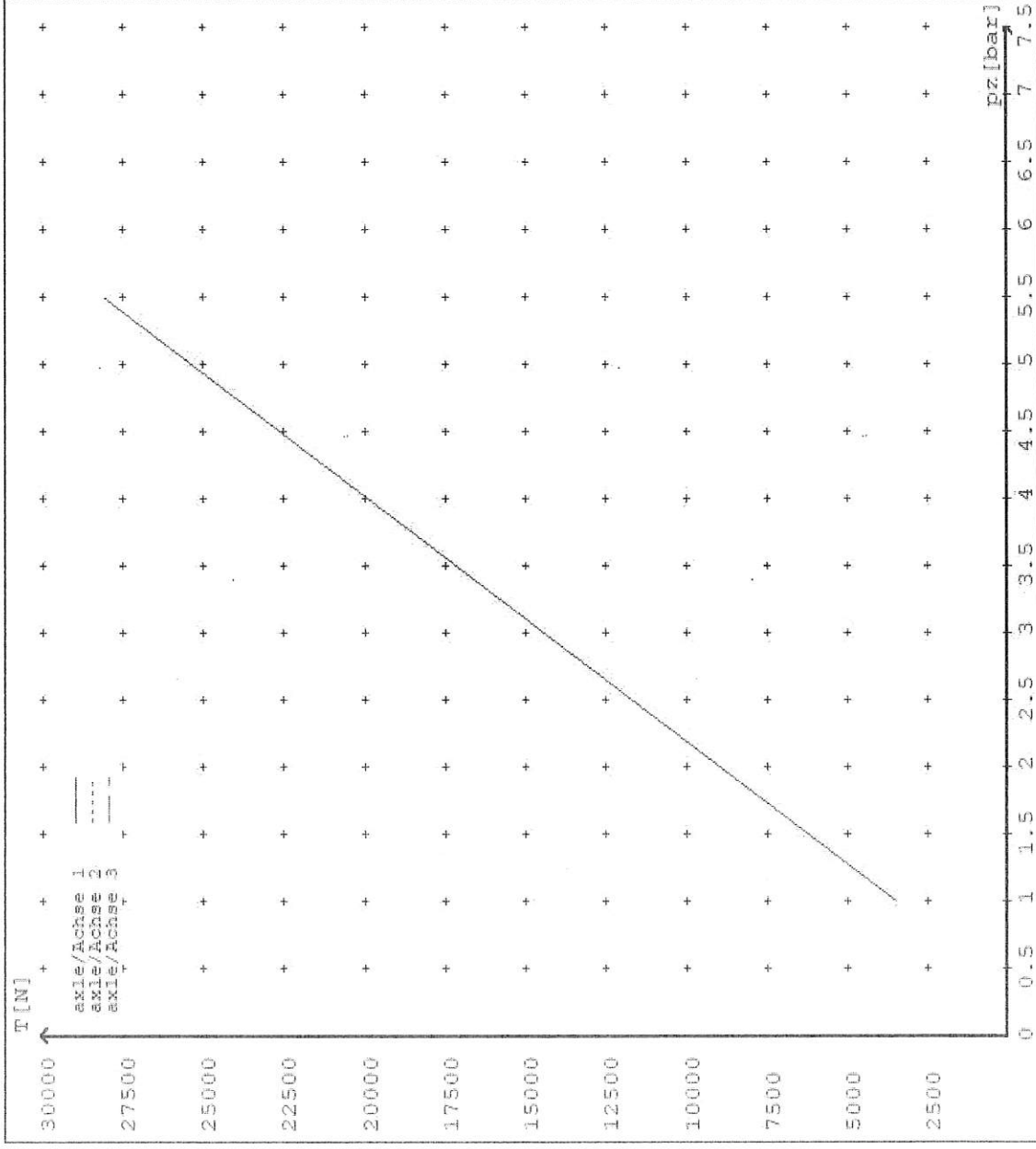
reference values

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

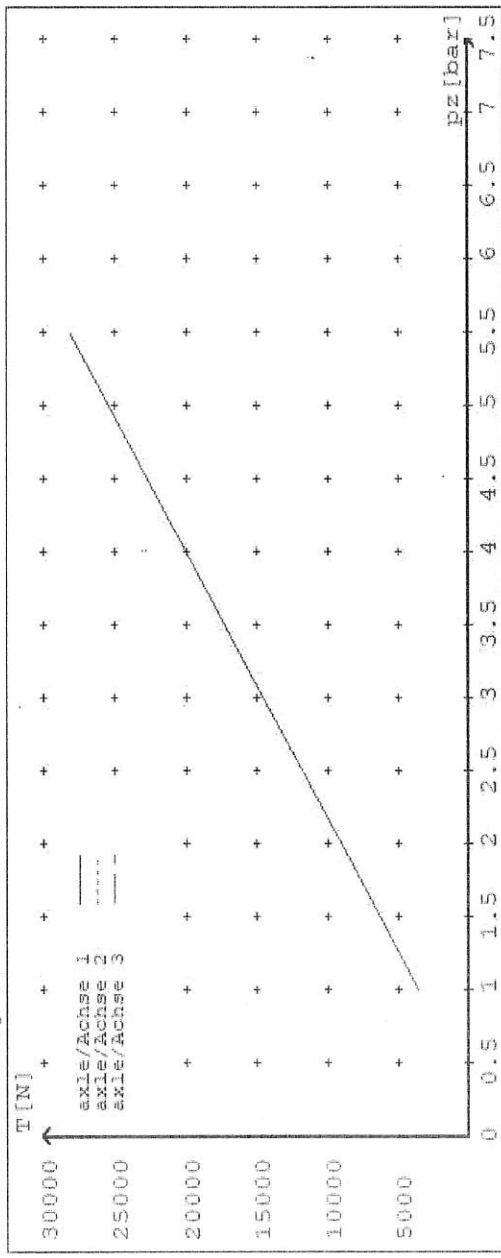
	pz [bar]	T [N]	T [N]
axle 1	1.0		3459
	5.5		28054
axle 2	1.0		3459
	5.5		28054
axle 3	1.0		3459
	5.5		28054

VIN - no.:

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



reference values for z = 0.45 for max rdyn: 421 mm  
 Angabe der Referenzwerte für z = 0.45 für max rdyn: 421 mm  
 brake calculation no: TP 52500S date 03.05.2022  
 Bremsberechnung Nr: TP 52500S vom 03.05.2022



	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
	Axle (s) / Achse (n)															
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)						16/24	16/24	16/24	16/24	16/24	16"	16"	/	/	/	/
Maximum stroke smax = ...mm maximaler Hub smax = ...mm						65	65	65	65	65	65	65				
Lever length = ...mm Hebellänge = ...mm						74	74	74	74	74	74	74				



## NOTICE TO VEHICLE OPERATOR

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

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

*PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.*

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

### 10.1 RESPONSIBILITIES OF OPERATORS

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

### 10.2 RESPONSIBILITIES OF REPAIRERS

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

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

### 10.3 RESPONSIBILITIES OF MODIFIERS

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

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

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

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

(J.Hirst (JEH) HVEK)



## **NOTICE TO VEHICLE OPERATOR**

This trailer is equipped with an Electronic Brake System.

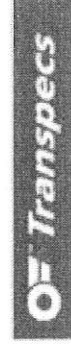
To comply with the New Zealand Heavy Vehicle Brake Rule 32015/5, it must be used only in conjunction with a truck/tractor equipped with a 5 or 7 pin ABS/EBS power supply socket.

Failure to connect to such supply invalidates Brake Rule compliance.

The trailer ABS/EBS warning light on the towing vehicle dashboard must illuminate when the ignition is switched on and extinguish when the vehicle is in motion. If the light does not illuminate when ignition is switched on, the system must be checked. If the light remains illuminated when the vehicle is in motion, Brake Rule compliance is compromised. Repairs must be made as soon as possible.

If you are unsure of your responsibilities and/or obligations, please contact either the vehicle manufacturer or myself.

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



## NOTICE TO VEHICLE OPERATOR

### WABCO Park Release Emergency Valve (PREV)

This trailer is equipped with a WABCO PREV  
Part # 971 002 900 0

Application of the park brake via the cab control valve will actuate and apply all service brakes on the trailer. In the event of a leak in the service brake system the Spring Brakes will automatically override and hold the vehicle in compliance to Land Transport Rule: Heavy-vehicle Brakes Rule 32015/5.

When the vehicle is presented for COF the trailer park brake system is tested by pulling the red actuation knob on the PREV, situated mid way down the chassis rail. The cab control in the prime mover does not have to be applied for this test procedure.

If you are unsure of any aspect relating to this instruction please contact either the vehicle manufacturer or myself.

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



**NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015-5  
WORKSHEET, PROCEDURE DOCUMENTATION SHEET  
& CONFIRMATION OF COMPLIANCE**

**CLIENT**

**MANUFACTURER:** DOMETT TRAILERS  
**ADDRESS:** TAURIKURA DRIVE, TAURANGA 3110  
**FLEET:** FITCHETT LINEHAUL LTD

**VEHICLE DETAILS**

**VEHICLE TYPE:** 3ASBTR CURTAINSIDE **CERT #:** JH220504  
**YEAR:** 2022 **CALCULATION #:** TP52500  
**MAKE:** DOMETT **REGO #:** N/A  
**MODEL:** C2002 BPH **LT400 #:** 825542  
**CHASSIS #:** 2194 **ORDER #:** 8892  
**VIN #:** 7A9C20021N2023194

**GVM: t** 28 **PRIME MOVER:** EBS / EUROPEAN

**LOAD CONFIGURATION:**

MIXED FREIGHT

**GROUP RATINGS: t**

FRONT	REAR
9	19

**WHEEL BASE: m**

6.24

**UNLADEN COG m**

0.91  
2.125

**MAX HEIGHT m**

4.3

**HEIGHT DECK m**

1.233

**COG: m**

**FRONT**

1.2

**REAR**

4.1

**TOTAL**

5.3

**TYRE SIZE:**

**REAR**  
265 70 R19.5

**ROLLING CIRCUMFERENCE: mm**

2645

**AXLE SPACING: m**

3



**BRAKE & AXLE DETAILS**

MAKE	MODEL	TEST REPORT
ROR_ASSALI_STEFEN	ROR-CS9 I DISC	361-071-04
NO	POLE WHEEL:	90
ROR 8616	BRAKE FACTOR:	20.26
#2	<b>NOTES:</b>	
1	N/A	ROR CS9L
2	N/A	ROR CS9L
3	N/A	ROR CS9L
4	N/A	N/A

**CHAMBER AND VALVING DETAILS****CHAMBERS:****AXLE 1 & 2**      **AXLE 3**

BRAND:	HALDEX_CHAMBERS	HALDEX_CHAMBERS
SIZE:	1624 (135 1624)	16, (125 160)
STROKE: <i>mm</i>	65	65
TEST REPORT #:	BC0165.0	BC0169.0
SPRINGBRAKE FORCE: <i>kN</i>	6.003	N/A
HOLDOFF PRESSURE: <i>Bar</i>	5.2	N/A
FOUNDATION BRAKE:	MERITOR	MERITOR
LEVER LENGTH: <i>mm</i>	74	74

**BRAKE VALVES:****MAKE:**      **PART NUMBER:**      **PMI PRESS. *kPa***

ECU PART #:	WABCO	480 102 08. 0 (MV)	80 kPa
3RD MODULATOR #:	N/A	N/A	N/A
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	WABCO_PREV	971 002 900 0	
YARD RELEASE VALVE:	WABCO-PREV	971 002 900 0	
INLINE RELAY FITTED:	N/A	N/A	

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

**SUSPENSION****SUSPENSION TYPE:**

	REAR
MAKE:	PNEUMATIC
MODEL:	ROR_AIRSPRING
BELLOW SIZE:	ROR_INTRA
HEIGHT CONTROL VALVE:	CS9I
OTHER VALVES:	90554950
HALEHT CONTROL VALVE:	N/A
RIDE HEIGHT <i>mm</i> :	350
HANGER HEIGHT <i>mm</i> :	*325
PEDESTAL HEIGHT <i>mm</i> :	*150
LIFTAXLE:	N/A
DUMP SWITCH:	N/A
LIFTAXLE VALVE:	N/A

**AIR TANKS****AIR TANKS STANDARD:**

SAE J10A / EN286-2
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**BRAKE TANK SIZE: L**

REAR
46 + 25

**AUXILIARY TANK SIZE: L**

46
----

**PRESSURE PROTECTION:**

WABCO PEM: 461 513 002 0
--------------------------

**AIR LINES****TEST POINTS:****CONTROL LINE:**

X 1
-----

**FIXED AXLE CHAMBERS:**

X 2
-----

**STEER AXLE CHAMBERS:**

N/A
-----

**DUOMATIC COLOUR CODED:**

YES
-----

**TANK:**

X 1
-----

**ELECTRONIC HEIGHT SENSOR CALIBRATION**

TIMER TICKS [F/R]      MILLIMETRE mm [F / R]

UPPER LEVEL:	N/A	N/A
NORMAL LEVEL:	N/A	N/A
LOWER LEVEL:	N/A	N/A

**CHECKS AT COMMISSION OF VEHICLE**

CHAMBER BUNGS REMOVED:	<input checked="" type="checkbox"/>	VALVE MOUNTING:	<input checked="" type="checkbox"/>
ECU BLANKING PLUGS CHECKED:	<input checked="" type="checkbox"/>	DUOMATIC DRILLED:	<input checked="" type="checkbox"/>
RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	200	220	N/A

**NOTES AND SPECIAL CONDITIONS**

FILES RECEIVED: 08.02.2022

FILES CREATED & SENT TO CJC: 3.05.2022

FINAL INSPECTION & SIGN OFF SCHEDULED FOR:

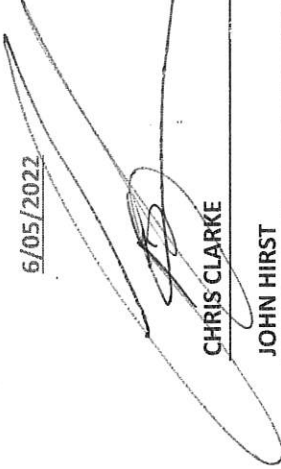
FILES RETURNED AS COMPLETE:

REASON FOR CERTIFICATION: NEW TRAILER BUILD

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

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

DATE: 6/05/2022

SIGNED: 

CERTIFIER NAME & ID: CHRIS CLARKE CJC

SODC BY: JOHN HIRST JEH

PHONE (BUS): 09-980-7300

FAX:

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