

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

Plate number <i>(optional)</i>	VIN/chassis number
	7 A 9 E 2 5 0 1 8 M 2 0 2 3 1 0 7
Make	Component being certified:
DOMETT	<input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage
Model <i>(optional)</i>	<input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input checked="" type="checkbox"/> Brakes
Model <i>(optional)</i>	E2501 H
Certification category	<input type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover
HVEK	<input type="checkbox"/> Swept path <input type="checkbox"/> PBS

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.
 5AFT LIVESTOCK **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	Component load rating(s)
LTR 32015/5	32 Tonnes GVM
General drawing number(s)	16 Tonne (Front brake mass)
N/A	19 Tonne (Rear brake mass)

Supporting documents

BRAKE RULE CERTIFICATE	CJC217316
BRAKE CALCULATION #	DT2023084

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 <i>(if applicable)</i>	or	Hubodometer reading <i>(whichever comes first)</i>
N/A [UNLESS MODIFIED]		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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

02.09.2021 **795316**

CoF vehicle inspector ID <i>(if applicable)</i>	CoF vehicle inspector signature <i>(if applicable)</i>	Date

All fields are mandatory unless otherwise stated.

ECU Configuration	4S : 3M Front Remote, Rear Master ECU Right
Vehicle Ident Number	7A9E25018M2023107
Brake Calculation	DT2023107
Manufacturer	DOMETT TRAILERS
ECU Serial Number	083039_99
Software	E732
Odometer (km)	0
Date (DD/MM/YY)	02/09/21
Time	12:37
CAN Hub	Not Fitted

Wheel Scale	Rdyn (mm)	No. Of Teeth
S1A/S1B	418	90
S2A/S2B	418	90

Sensor Tests			Not Applicable
S1A	S1B	S2A	S2B
-	-	-	-

Sensor-Modulator Tests			Passed
S1A	S1B	S2A	S2B
Passed	Passed	Passed	Passed

Push Through Tests		Passed
P21	P22	P23
6.9	6.9	7.0

EBS Pressure Tests					Passed		
	INPUTS		OUTPUTS		Results		
	MASTER	REMOTE	MASTER	REMOTE	P21	P22	P23
Unladen Suspension	0.4	0.6					
Laden Suspension	4.0	4.6					
P0	0.2	0.3					
PD	0.7	0.7	0.7	0.7	0.6	0.6	0.9
PP1 [U]					-	-	-
PP1 [L]	-	-	-	-	-	-	-
PP2 [U]					-	-	-
PP2 [L]	-	-	-	-	-	-	-
PP3 [U]	6.5	6.5	1.9	2.6	2.0	1.8	2.5
PP3 [L]	6.5	6.5	5.1	6.7	5.2	5.2	6.4
P Limit			-	-			

Options			
		REV	Axle Load Sum

Auxiliary Tests			Passed
Lamp		On / Off	Passed
Aux 1	No Aux		-
Aux 2 Red	No Aux		-
Aux 2 Yel	No Aux		-
Aux 3 Red	No Aux		-
Aux 3 Yel	No Aux		-
Aux 4	No Aux		-
Aux 5	No Aux		-
Lat Acc Internal	Fitted		Passed
24N			-

Leak Test		Not Applicable
Pressure Drop	-	Time Period

EB+ Soft Docking			Not Applicable
Channels	Sensors	Offset (0 ... 60)	
Yellow Channel	-	-	Not Applicable
Green Channel	-	-	Not Applicable
Beeper	Not Applicable	Lights	Not Applicable

Notes

Operator's Name	Chris Clarke
Signature	



Company: Genese Limited
Author: Chris Clarke

Created: 2/09/2021
Modified: 2/09/2021

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Calculation in accordance with ECE Regulation 13.1 (1 Series) and EEC Directive 71/320 EEC (2002/78/EC) based on nominal component and environment parameters using Knorr-Bremse Braking System Designer software (version 18.0x).
 Results based on vehicle data and components as defined by the Braking System Designer program user. No liability assumed by Knorr-Bremse regarding the use of non-Knorr-Bremse product data.

Customer: DOMETT

Vehicle: 7A9E25018M2023107

Project: SAFT STOCK TRAILER

Vehicle

Type 2x3 Drawbar trailer

Calculated effective wheelbase [m] 6.21

Laden (max.) mass [kg] 35050.00

Laden (max.) front axle group load [kg] 16000.00

Laden vertical position of CoG [m] 2.28

Unladen (min.) mass [kg] 5959.00

Unladen (min.) front axle group load [kg] 2740.00

Unladen vertical position of CoG [m] 1.42

Laden/unladen front air spring press. [bar] -/-

Laden/unladen rear air spring press. [bar] -/-

Axles

Axle distances [m] <----- 1.31 -----> <----- 4.30 -----> <----- 1.25 -----> <----- 1.25 ----->

Axle loads [kg]

	Laden	Unladen
Axle 1	8000	1370
Axle 2	8000	1370
Axle 3	6350	1073
Axle 4	6350	1073
Axle 5	6350	1073

Axle type

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	ASSALI STEFFEN	ASSALI STEFFEN	ASSALI STEFFEN	ASSALI STEFFEN	ASSALI STEFFEN

Tyre size

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	361-0071-04-FBKV	361-0071-04-FBKV	361-0071-04-FBKV	361-0071-04-FBKV	361-0071-04-FBKV

Dyn. tyre radius [mm]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	421	421	421	421	421

Stat. tyre radius [mm]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	401	401	401	401	401

Brake size or radius [mm]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	377x45 Disc	377x45 Disc	377x45 Disc	377x45 Disc	377x45 Disc

Actuator num./axle & size

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	2 x 20	2 x 20	2 x 20	2 x 20	2 x 20

Actuator force at 6.5 bar [N]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	7564	7564	6324	6324	6324

Slack adjuster length [mm]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	-	-	-	-	-

Thresh.mom.[Nm] or force[N]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	94.60	94.60	94.60	94.60	94.60

Brake Factor by Annex 19

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	20.3	20.3	20.3	20.3	20.3

Discbrake lever length [mm]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	74	74	74	74	74

Int.br.factor (C*) & Mech.eff.(Eta)

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	-	-	-	-	-

Int.br.factor x Mech.eff.(C* x Eta)

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	-	-	-	-	-

S-Cam radius [mm] or mech.ratio or wedge angle[-]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	-	-	-	-	-

Friction material

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	ROR 8616 AF	ROR 8616 AF	ROR 8616 AF	ROR 8616 AF	ROR 8616 AF

Cam shaft length [mm]

	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5
	-	-	-	-	-

Calculation pressure [bar]: 6.5

Database version: 18.1.71

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System components

No.	Name	Type	Characteristics
1	Coupling head	KU1...	-
2	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
3	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
4	Trailer EBS G2.x	ES206/9.	Sensors on axle 3
5	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
6	Brake Chamber 20" stroke: 65	ROR	BZ 122.1 15/09/2000
7	Electronic Module Premium/Advanced	ES2071/72	-
8	Spring Brake Actuator -	User data	-
9	Spring Brake Actuator -	User data	-
10	Spring Brake Actuator -	User data	-
11	Spring Brake Actuator -	User data	-
12	Spring Brake Actuator -	User data	-
13	Spring Brake Actuator -	User data	-

Axle identifiers

Axle	Axle identifier	Brake identifier	Axle load ident.	Test report identifier	Suffix	Test code
Axle 1		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV		06
Axle 2		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV		06
Axle 3		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV		06
Axle 4		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV		06
Axle 5		ID2-ELSA 195 LE	ID3-11000	ID4-361 0071 04 FBKV		06

Calculation pressure [bar]: 6.5

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Service	Laden vehicle														
brake	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
Coupling head pres. [bar]	0.00	0.32	0.84	1.36	1.88	2.40	2.93	3.45	3.97	4.49	5.01	5.53	6.05	6.58	7.10
Deceleration [m/s ²]	0.00	3.25	8.57	13.88	19.20	24.51	29.83	35.14	40.46	45.77	51.09	56.40	61.71	67.03	72.34
Braking rate [%]	0.00	0.76	1.3	1.84	2.38	2.92	3.46	4	4.54	5.08	5.62	6.16	6.7	7.24	7.78
Axle 1 actuator pres. [bar]	0.00	1.21	3.20	5.19	7.19	9.18	11.17	13.17	15.16	17.16	19.15	21.14	23.13	25.13	27.12
Axle 1 braking torque [kNm]	0.00	2.87	7.60	12.34	17.07	21.80	26.54	31.28	36.01	40.75	45.49	50.22	54.95	59.69	64.42
Axle 1 adhesion utilised	0.00	0.04	0.09	0.14	0.19	0.23	0.27	0.31	0.35	0.38	0.41	0.44	0.47	0.49	0.52
Axle 2 actuator pres. [bar]	0.00	0.76	1.3	1.84	2.38	2.92	3.46	4	4.54	5.08	5.62	6.16	6.7	7.24	7.78
Axle 2 braking torque [kNm]	0.00	1.21	3.20	5.19	7.19	9.18	11.17	13.17	15.16	17.16	19.15	21.14	23.13	25.13	27.12
Axle 2 adhesion utilised	0.00	0.04	0.09	0.14	0.19	0.23	0.27	0.31	0.35	0.38	0.41	0.44	0.47	0.49	0.52
Axle 3 actuator pres. [bar]	0.00	0.77	2.00	3.24	4.47	5.71	6.94	8.18	9.41	10.65	11.88	13.12	14.35	15.59	16.83
Axle 3 braking torque [kNm]	0.00	1.82	4.75	7.69	10.62	13.56	16.49	19.43	22.36	25.29	28.23	31.16	34.10	37.03	39.97
Axle 3 adhesion utilised	0.00	0.03	0.08	0.14	0.20	0.26	0.33	0.41	0.49	0.59	0.69	0.81	0.94	1.09	1.25
Axle 4 actuator pres. [bar]	0.00	0.7	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9	4.3	4.7	5.1	5.5	5.9
Axle 4 braking torque [kNm]	0.00	0.77	2.00	3.24	4.47	5.71	6.94	8.18	9.41	10.65	11.88	13.12	14.35	15.59	16.83
Axle 4 adhesion utilised	0.00	1.82	4.75	7.69	10.62	13.56	16.49	19.43	22.36	25.29	28.23	31.16	34.10	37.03	39.97
Axle 5 actuator pres. [bar]	0.00	0.7	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9	4.3	4.7	5.1	5.5	5.9
Axle 5 braking torque [kNm]	0.00	0.77	2.00	3.24	4.47	5.71	6.94	8.18	9.41	10.65	11.88	13.12	14.35	15.59	16.83
Axle 5 adhesion utilised	0.00	1.82	4.75	7.69	10.62	13.56	16.49	19.43	22.36	25.29	28.23	31.16	34.10	37.03	39.97
Axle 5 adhesion utilised	0.00	0.03	0.08	0.14	0.20	0.26	0.33	0.41	0.49	0.59	0.69	0.81	0.94	1.09	1.25

Calculation pressure [bar]: 6.5

Database version: 18.1.71

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Service	Unladen vehicle														
brake	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
Coupling head pres. [bar]	0.00	0.49	1.25	2.01	2.77	3.53	4.29	5.05	5.81	6.56	7.33	8.08	8.84	9.60	10.36
Deceleration [m/s ²]	0.00	5.03	12.77	20.51	28.24	35.95	43.73	51.46	59.18	66.91	74.69	82.40	90.13	97.87	105.58
Braking rate [%]	0.0	0.52	0.66	0.79	0.92	1.06	1.19	1.33	1.46	1.6	1.73	1.87	2	2.13	2.27
Axle 1 actuator pres. [bar]	0.0	0.31	0.80	1.30	1.80	2.30	2.79	3.29	3.79	4.28	4.78	5.28	5.77	6.27	6.77
Axle 1 braking torque [kNm]	0.00	0.73	1.91	3.09	4.28	5.45	6.63	7.82	8.99	10.17	11.36	12.53	13.71	14.90	16.07
Axle 1 adhesion utilised	0.00	0.05	0.13	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.75	0.78
Axle 2 actuator pres. [bar]	0.2	0.52	0.66	0.79	0.92	1.06	1.19	1.33	1.46	1.6	1.73	1.87	2	2.13	2.27
Axle 2 braking torque [kNm]	0.00	0.31	0.80	1.30	1.80	2.30	2.79	3.29	3.79	4.28	4.78	5.28	5.77	6.27	6.77
Axle 2 braking force [kN]	0.00	0.73	1.91	3.09	4.28	5.45	6.63	7.82	8.99	10.17	11.36	12.53	13.71	14.90	16.07
Axle 2 adhesion utilised	0.00	0.05	0.13	0.21	0.28	0.34	0.41	0.46	0.52	0.57	0.62	0.66	0.70	0.75	0.78
Axle 3 actuator pres. [bar]	0.00	0.21	0.51	0.81	1.12	1.42	1.73	2.03	2.33	2.63	2.94	3.24	3.55	3.85	4.15
Axle 3 braking torque [kNm]	0.00	0.49	1.21	1.93	2.65	3.37	4.10	4.82	5.54	6.26	6.98	7.70	8.42	9.14	9.86
Axle 3 braking force [kN]	0.00	0.05	0.12	0.20	0.29	0.38	0.48	0.59	0.70	0.83	0.97	1.12	1.29	1.48	1.69
Axle 3 adhesion utilised	0.00	0.05	0.12	0.20	0.29	0.38	0.48	0.59	0.70	0.83	0.97	1.12	1.29	1.48	1.69
Axle 4 actuator pres. [bar]	0.2	0.52	0.62	0.72	0.81	0.91	1.01	1.11	1.21	1.31	1.4	1.5	1.6	1.7	1.8
Axle 4 braking torque [kNm]	0.00	0.21	0.51	0.81	1.12	1.42	1.73	2.03	2.33	2.63	2.94	3.24	3.55	3.85	4.15
Axle 4 braking force [kN]	0.00	0.49	1.21	1.93	2.65	3.37	4.10	4.82	5.54	6.26	6.98	7.70	8.42	9.14	9.86
Axle 4 adhesion utilised	0.00	0.05	0.12	0.20	0.29	0.38	0.48	0.59	0.70	0.83	0.97	1.12	1.29	1.48	1.69
Axle 5 actuator pres. [bar]	0.2	0.52	0.62	0.72	0.81	0.91	1.01	1.11	1.21	1.31	1.4	1.5	1.6	1.7	1.8
Axle 5 braking torque [kNm]	0.00	0.21	0.51	0.81	1.12	1.42	1.73	2.03	2.33	2.63	2.94	3.24	3.55	3.85	4.15
Axle 5 braking force [kN]	0.00	0.49	1.21	1.93	2.65	3.37	4.10	4.82	5.54	6.26	6.98	7.70	8.42	9.14	9.86
Axle 5 adhesion utilised	0.00	0.05	0.12	0.20	0.29	0.38	0.48	0.59	0.70	0.83	0.97	1.12	1.29	1.48	1.69

Calculation pressure [bar]: 6.5
Database version: 18.1.71

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Miscellaneous

Coupling head pressure where z = 22.5% (laden case)
 Pressure[bar] 2.8

Brake chamber pressure where z = 22.5% (laden case)

Pressure[bar] Axle1 : 2.81 Axle2 : 2.81 Axle3 : 2.22 Axle4 : 2.22 Axle5 : 2.22

Automatic braking performance (laden case) at 6.5 bar

Deceleration [m/s²] : 3.60 Braking rate [%] 36.7

Vehicle performance in case of a load sensing device control failure (laden case) at 6.5 bar

Front axle group Rear axle group

Deceleration [m/s²] : 6.05 Deceleration [m/s²] : 6.05

Braking rate [%] 61.7 Braking rate [%] 61.7

Parking brake Laden vehicle

Maximum	Up	Down
slope [%]:	-43.0	34.4

Spring force [N] maximum: at 18%:

Axle 1	-	-
Axle 2	-	-
Axle 3	6003	2660
Axle 4	6003	2660
Axle 5	6003	2660

Calculation pressure [bar]: 6.5

Database version: 18.1.71



Trailer EBS parameters

Coupling head pressure [bar]	Brake chamber pressure [bar]	
	Unladen	Laden
0.7	0.46	
1.6	0.64	1.18
6.5	1.6	5.1
Low-range comp. at 1.6 bar	0	0
High-range comp. at 4.5 bar	0	0

Axle and Tyre information

Number of axles: 5
 Dynamic tyre radius [cm]: 42.1

EMS/EMP parameters:

Coupling head pressure [bar]	Brake chamber pressure [bar]	
	Unladen	Laden
0.7	0.44	
1.6	0.68	1.41
6.5	2	6.7
Low-range comp. at 1.6 bar	0	0
High-range comp. at 4.5 bar	0	0

Air suspension	Unladen	Laden
Axle boogie load [kg]	2740	16000
voltages [V]	-	-
pressures [bar]	To be defined!	To be defined!

Air suspension	Unladen	Laden
Axle boogie load [kg]	3219	19050
voltages [V]	-	-
pressures [bar]	To be defined!	To be defined!

Pressure limitation [bar] -

3rd modulator logic is LS characteristic

Slip differential [%] - from - [bar]

Calculation pressure [bar]: 6.5

Database version: 18.1.71

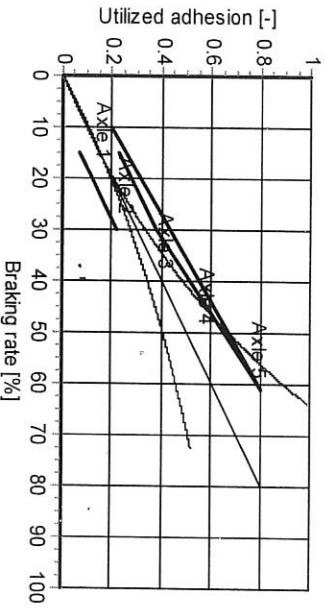


Company: Genese Limited
Author: Chris Clarke

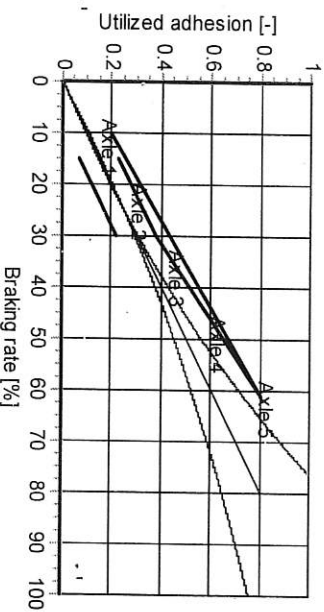
Created: 2/09/2021
Modified: 2/09/2021

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Laden vehicle - adhesion utilisation

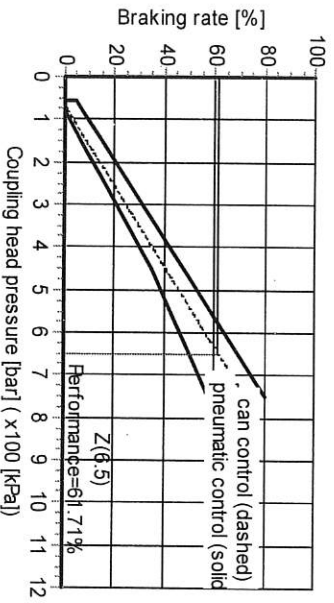


Unladen vehicle - adhesion utilisation

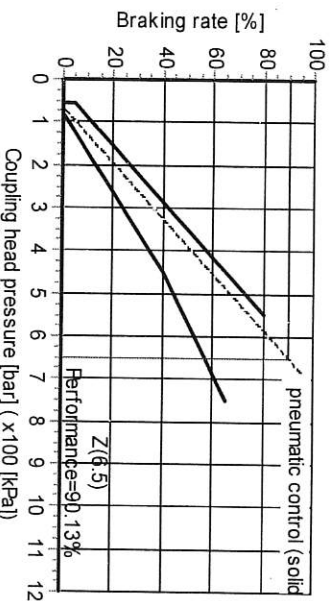


The Complete Utilization of the brake system is based on the assumption that the brake system is designed to be fulfilled. The Complete Utilization of the brake system is based on the assumption that the brake system is designed to be fulfilled. (.)

Laden vehicle - compatibility with Pneumatic and CAN control



Unladen vehicle - compatibility with Pneumatic and CAN control



Calculation pressure [bar]: 6.5

Database version: 18.1.71

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GENESE LTD

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:

VEHICLE DETAILS

VEHICLE TYPE:

5AFT LIVESTOCK

CERT #:

CJC217316

YEAR:

2021

CALCULATION #:

DT2023084

MAKE:

DOMETT

REGO #:

N/A

MODEL:

E2501 H*

LT400 #:

795316

CHASSIS #:

2107

ORDER #:

8352

VIN #:

7A9E25018M2023107

GVM: t

32

PRIME MOVER:

EBS / EUROPEAN

LOAD CONFIGURATION:

UNIFORM DENSITY

GROUP RATINGS: t

FRONT

REAR

16

19

WHEEL BASE: m

6.215

UNLADEN COG m

1.466

MAX HEIGHT m

4.3

HEIGHT DECK m

1.05

COG: m

2.280

TARE: t

FRONT

REAR

TOTAL

4.82

5.63

10.45

TYRE SIZE:

265 70 R19.5

265 70 R19.5

ROLLING CIRCUMFERENCE: mm

2645

2645

AXLE SPACING: m

1.31

2.51

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT		
AXLE:	ROR_ASSALI_STEFEN	ROR-CS9 I DISC	361-071-04		
POLE WHEEL FRONT:	90	POLE WHEEL REAR:	90		
LINING MATERIAL:	ROR 8616	BRAKE FACTOR:	20.26		
SENSED AXLES:	2 + 4	NOTES:			
SERIAL NUMBERS:	1			N/A	ROR CS9L
	2			N/A	ROR CS9L
	3			N/A	ROR CS9L
	4			N/A	ROR CS9L
	5	N/A	ROR CS9L		

CHAMBER AND VALVING DETAILS

CHAMBERS:	AXLE 1 & 2	AXLE 3 & 4	AXLE 5
BRAND:	TSE_CHAMBERS	HALDEX_CHAMBERS	HALDEX_CHAMBERS
SIZE:	20HSCLD	1624 (135 1624)	16, (125 160)
STROKE: mm	65	65	65
TEST REPORT #:	BC 0041.0 Jul '07	BC0165.0	BC0169.0
SPRINGBRAKE FORCE: kN	N/A	6.003	N/A
HOLDOFF PRESSURE: Bar	N/A	5.2	N/A
FOUNDATION BRAKE:	MERITOR	MERITOR	MERITOR
LEVER LENGTH: mm	74	74	74
BRAKE VALVES:	MAKE:	PART NUMBER:	PM PRESS. kPa
ECU PART #:	HALDEX		80 kPa
3RD MODULATOR #:	HALDEX		80 kPa
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	*SEE NOTES	110701	
YARD RELEASE VALVE:	SEALCO_YR	17600B	
INLINE RELAY FITTED:	N/A	N/A	
ECU DIRECTION:	<input checked="" type="checkbox"/> FRONT <input type="checkbox"/> REAR	FRONT FRICTION: μ	0.49
SUBSYSTEMS:	<input type="checkbox"/> SMARTBOARD	<input type="checkbox"/> OPTI-LINK	<input type="checkbox"/> CAN ROUTER 446 122 050 0
	<input type="checkbox"/> ELEX 446 122 070 0	<input type="checkbox"/> TAILGUARD	

SUSPENSION

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	PNEUMATIC
MAKE:	ROR_AIRSPRING	ROR_AIRSPRING
MODEL:	ROR_INTRA	ROR_INTRA
BELLOW SIZE:	CS9I	CS9I
HEIGHT CONTROL VALVE:	HALDEX 90554950	HALDEX 90554950
OTHER VALVES:	N/A	N/A
RIDE HEIGHT <i>mm</i> :	280	280
HANGER HEIGHT <i>mm</i> :	250	250
PEDESTAL HEIGHT <i>mm</i> :	75	75
LIFTAXLE:		N/A
TIPPING DUMP SWITCH:		N/A
LIFTAXLE VALVE:		N/A
PRESSURE LIMITING:		N/A

AIR TANKS

AIR TANKS STANDARD:	SAE J10A / EN286-2	
	FRONT	REAR
BRAKE TANK SIZE: <i>L</i>	46	46 + 25
AUXILLARY TANK SIZE: <i>L</i>	N/A	46
PRESSURE PROTECTION:	OTHER BRAND 2/3 VALVE	

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

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: 2/09/2021

SIGNED:

CERTIFIER NAME & ID:


CHRIS CLARKE

CJC

SODC BY:

PHONE (BUS):

09-980-7300

FAX:

POSTAL ADDRESS:

385 HAUTAPU ROAD, RD3, HAMILTON
New Zealand