

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS)

**CHRIS CLARKE**

ID

**CJC**

Plate number (optional)

VIN/chassis number

**7A9C20038T2023571**

Make

**DOMETT**

Component being certified:

☐ Chassis

☐ Load anchorage

Model (optional)

**C2003 PH**

☐ Log bolster attachment

☐ Towing connection

☒ Brakes

Certification category

**HVEK**

☐ SRT

☐ PSV stability

☐ PSV rollover

☐ Swept path

☐ PBS

Description of work

CERTIFY TO SCHEDULE 5 OF LTR 32015: NZ HEAVY VEHICLE BRAKE SPECIFICATION.

CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.

3ASBTF 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**

Component load rating(s)

**33 Tonnes GVM**

General drawing number(s)

**N/A**

**19 Tonnes (Rear group rating)**

Supporting documents

**BRAKE RULE CERTIFICATE**

**JH260717**

**BRAKE CALCULATION #**

**TP53155**

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

**07-Aug-26**

Serial number (includes letter)

**H 26538**

CoF vehicle inspector ID (if applicable)

CoF vehicle inspector signature (if applicable)

Date

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

distribution: DOMETT TRAILERS  
 7A9C20038T2023571  
 JH260717  
 LT400: CJC H26538

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!  
 WABCO Brake V6.18.07.12 db 13.10.2020

vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 remarks : air / hydraulic / VA suspension  
 kc < 0,95 => new kc = 0,95  
 WABCO TRAILER - EBS E  
 TRISTOP 1+2: T.14/24 [TSE1416HTLD ACTUALLY FITTED -  
 SEE PAGE 6 FOR PERFORMANCE DATA]  
 265/70 R 19,5

axle 1 + 2 + 3 : SAF, SBS1918, TDB 0878 ECE,

|                          |          |        | unladen |      | laden         |
|--------------------------|----------|--------|---------|------|---------------|
| total mass               | P in kg  | 5000   | -       | 6000 | 33000 - 35000 |
| king-pin                 | PS kg    | 1250   | -       | 2250 | 13950 - 15950 |
| axle 1                   | P1 in kg |        |         | 1250 | 6350          |
| axle 2                   | P2 in kg |        |         | 1250 | 6350          |
| axle 3                   | P3 in kg |        |         | 1250 | 6350          |
| total axle mass          | PR in kg |        |         | 3750 | 19050         |
| wheel base               | E in mm  | 6500   | -       | 6600 |               |
| centre of gravity height | h in mm  |        |         | 890  | 2150          |
| K-factor                 |          | Kv min | 2.0090  |      | Kc min 0.9500 |
| K-factor                 |          | Kv max | 2.0298  |      | Kc max 0.9652 |

|                                     |                | axle 1   | axle 2   | axle 3   |
|-------------------------------------|----------------|----------|----------|----------|
| no. of combined axles               |                | 1        | 1        | 1        |
| no. of brake chambers per axle line | KDZ            | 2        | 2        | 2        |
| The power output corresponds to     |                | BZ 119.6 | BZ 119.6 | BZ 122.1 |
| brake chamber manufacturer          |                | Meritor  | Meritor  | Meritor  |
| chamber size                        |                | T.14/24  | T.14/24  | 14.      |
| lever length                        | lBh in mm      | 76       | 76       | 76       |
| brake factor                        | [-]            | 22.37    | 22.37    | 22.37    |
| dyn. rolling radius                 | rdyn min in mm | 421      | 421      | 421      |
| dyn. rolling radius                 | rdyn max in mm | 421      | 421      | 421      |
| threshold torque                    | Co Nm          | 6.0      | 6.0      | 6.0      |

|                                                       |       |       |       |
|-------------------------------------------------------|-------|-------|-------|
| calculation:                                          |       |       |       |
| chamber pressure(rdyn min)pH at z=22,5%bar            | 2.0   | 2.0   | 2.0   |
| chamber pressure(rdyn max)pH at z=22,5%bar            | 2.0   | 2.0   | 2.0   |
| chamber press.(servo)pcha at pm6,5bar bar             | 4.8   | 4.8   | 4.8   |
| piston force ThA at pm6,5bar N                        | 4586  | 4586  | 4586  |
| brake force(rdyn min)T lad. at pm6,5bar N             | 37021 | 37021 | 37021 |
| brake force(rdyn max)T lad. at pm6,5bar N             | 37021 | 37021 | 37021 |
| Brake force incl. 1 % rolling resistance proportion % | 33.3  | 33.3  | 33.3  |

braking rate z laden 0.594 for rdyn min  
 z = sum (TR)/PRmax 0.594 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: Meritor 1424HTLD64

axle 2:

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

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

brake cylinder: Meritor 1424HTLD64

axle 3:

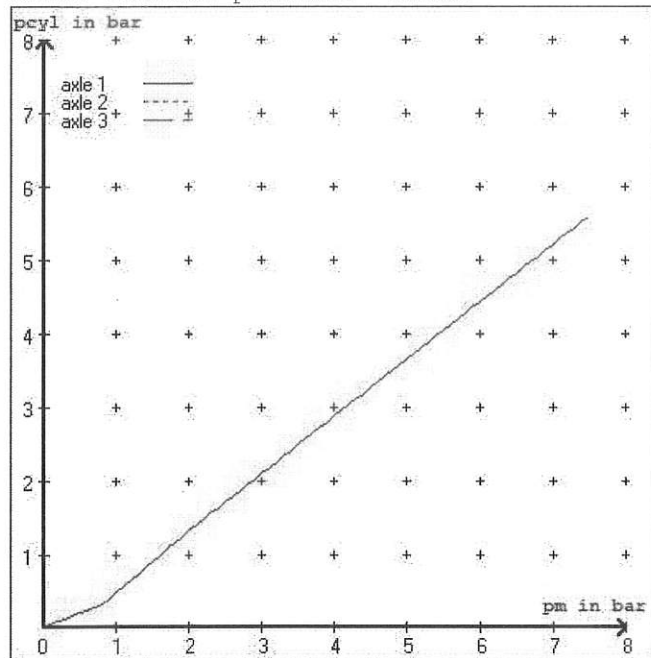
valve 1: 971 002 ... 0 WABCO  
EBS emergency valve

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

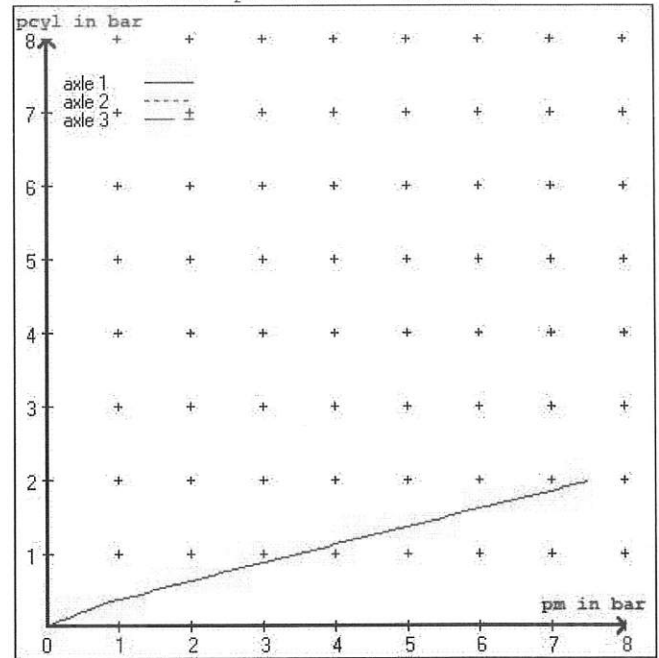
brake cylinder: Meritor 14HSCLD64

|                             |                                  |
|-----------------------------|----------------------------------|
| test type III (zIII = 0.30) | for rdyn min : axle1 axle2 axle3 |
| at pm 3.6 bar =>            | pcha in bar : 2.5 2.5 2.5        |
| test type III (zIII = 0.06) | for rdyn min : axle1 axle2 axle3 |
| at pm 1.3 bar =>            | pcha in bar : 0.7 0.7 0.7        |

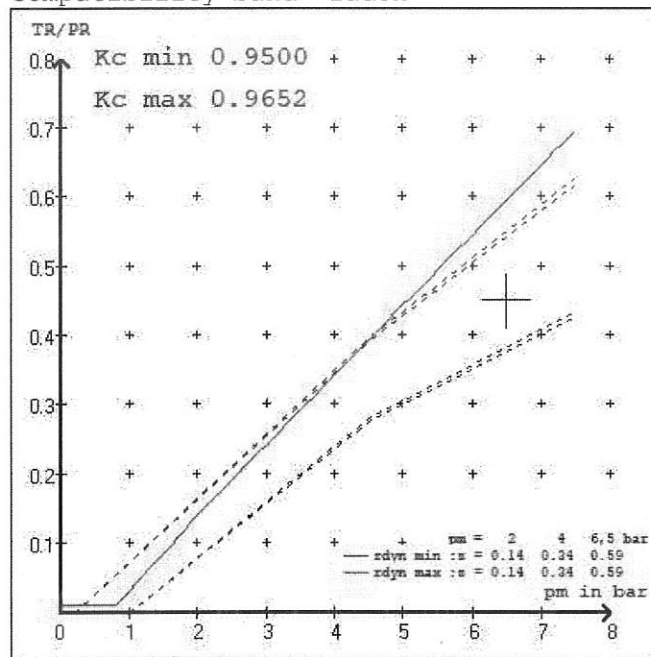
brake chamber pressure laden



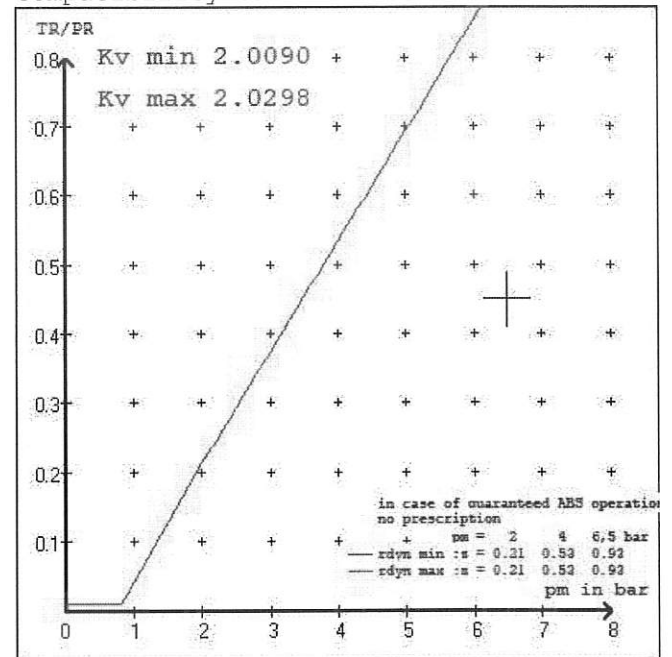
brake chamber pressure unladen



compatibility band laden



compatibility band unladen



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

brake chamber and lever length :

axle 1 : 2 x type/diameter T.14/24 (Meritor) lever length 76 mm  
 axle 2 : 2 x type/diameter T.14/24 (Meritor) lever length 76 mm  
 axle 3 : 2 x type/diameter 14. (Meritor) lever length 76 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 : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 brake calculation no. : TP 53155S

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

assignment pm / deceleration z: pm 0.8 bar z = 0.010  
 (laden condition) 2.0 bar z = 0.134  
 6.5 bar z = 0.600

| control pressure pm |                      |                                                 | 6,5                  | control pressure pm |                                                 |                    | 0.8 | 2.0 | 6.5 |
|---------------------|----------------------|-------------------------------------------------|----------------------|---------------------|-------------------------------------------------|--------------------|-----|-----|-----|
| axle                | axle load<br>unladen | bellow pr.<br>unladen                           | brake pr.<br>unladen | axle load<br>laden  | bellow pr.<br>laden                             | brake pr.<br>laden |     |     |     |
| 1                   | 1250                 | to be<br>entered by<br>the vehicle<br>manufact. | 1.7                  | 6350                | to be<br>entered by<br>the vehicle<br>manufact. | 0.3                | 1.3 | 4.8 |     |
| 2                   | 1250                 |                                                 | 1.7                  | 6350                |                                                 | 0.3                | 1.3 | 4.8 |     |
| 3                   | 1250                 |                                                 | 1.7                  | 6350                |                                                 | 0.3                | 1.3 | 4.8 |     |
| 4                   | 0                    |                                                 | 0,0                  | 0                   |                                                 | 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 |
| 1250 1.7       | 1250 1.7       | 1250 1.7       |
| 1750 2.0       | 1750 2.0       | 1750 2.0       |
| 2250 2.3       | 2250 2.3       | 2250 2.3       |
| 2750 2.6       | 2750 2.6       | 2750 2.6       |
| 3250 2.9       | 3250 2.9       | 3250 2.9       |
| 3750 3.2       | 3750 3.2       | 3750 3.2       |
| 4250 3.5       | 4250 3.5       | 4250 3.5       |
| 4750 3.8       | 4750 3.8       | 4750 3.8       |
| 6350 4.8       | 6350 4.8       | 6350 4.8       |

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

|                              |              |                       |
|------------------------------|--------------|-----------------------|
| axle 1 : reference axle: SAF | SBS1937      | brake lining: SAF 607 |
| test report :                | TDB 0878 ECE | date : 20150626       |
| axle 2 : reference axle: SAF | SBS1937      | brake lining: SAF 607 |
| test report :                | TDB 0878 ECE | date : 20150626       |
| axle 3 : reference axle: SAF | SBS1937      | brake lining: SAF 607 |
| test report :                | TDB 0878 ECE | date : 20150626       |

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

|        |               |               |
|--------|---------------|---------------|
| axle 1 | (rdyn 421 mm) | T = 18.7 % Fe |
| axle 2 | (rdyn 421 mm) | T = 18.7 % Fe |
| axle 3 | (rdyn 421 mm) | T = 18.7 % Fe |

calculated actuator stroke in mm  
(item 4.3.1.1 of appendix 2 to annex 11)

|        |              |           |
|--------|--------------|-----------|
| axle 1 | (sp = 56 mm) | s = 48 mm |
| axle 2 | (sp = 56 mm) | s = 48 mm |
| axle 3 | (sp = 56 mm) | s = 48 mm |

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

|       |              |
|-------|--------------|
| axle1 | ThA = 4586 N |
| axle2 | ThA = 4586 N |
| axle3 | 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 = 25409 N |
| axle 2 | (rdyn 421 mm) | T = 25409 N |
| axle 3 | (rdyn 421 mm) | T = 25409 N |

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

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

|      |      |
|------|------|
| 0.59 | 0.41 |
|------|------|

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 = 25409 N |
| axle 2 | (rdyn 421 mm) | T = 25409 N |
| axle 3 | (rdyn 421 mm) | T = 25409 N |

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

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

|      |      |
|------|------|
| 0.59 | 0.41 |
|------|------|

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 1</u> | <u>axle 2</u> |
|----------------------------------------------------------|---------------|---------------|
| no of TRISTOP-actuators per axle line KDZ                | 2             | 2             |
| TRISTOP-actuator type                                    | T.14/16       | T.14/16       |
| lever length                      lBh in mm              | 76            | 76            |
| stat. tyre radius                      rstat max in mm   | 401           | 401           |
| at a stroke of                      s              in mm | 30            | 30            |
| min. force of spring brake              TFZ in N         | 6160          | 6160          |
| sp.brake chamber no Meritor.....                         | 4             | 4             |
| release pressure                      pLs in bar         | 4.8           | 4.8           |

calculation:

|                                            |        |        |
|--------------------------------------------|--------|--------|
| ratio until road                           | 4.2397 | 4.2397 |
| iFb = lBh*Eta*C*rBt/(rBn*rstat)            |        |        |
| for rstat      in mm                       | 401    | 401    |
| brake force of spring br. Tf      in N     | 51564  | 51564  |
| Tf = (TFZ*KDZ-2*Co/lBh)*iFb                |        |        |
| braking rate                      zf laden | 0.562  |        |
| zf = sum (Tf)/P + 0,01                     |        |        |

Test of the frictional connection required by the parking brake

Min. wheelbase/min. supporting width (theoretical proof / no ECE regulation!):  
In the event of non-compliance, carry out a practical test or use the procedure described in ECE / Appendix 20.

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

$$\min Ef = 5055 \text{ mm} \quad \text{for } E = 6500 \text{ mm}$$

$$\min Ef = 5124 \text{ mm} \quad \text{for } E = 6600 \text{ mm}$$

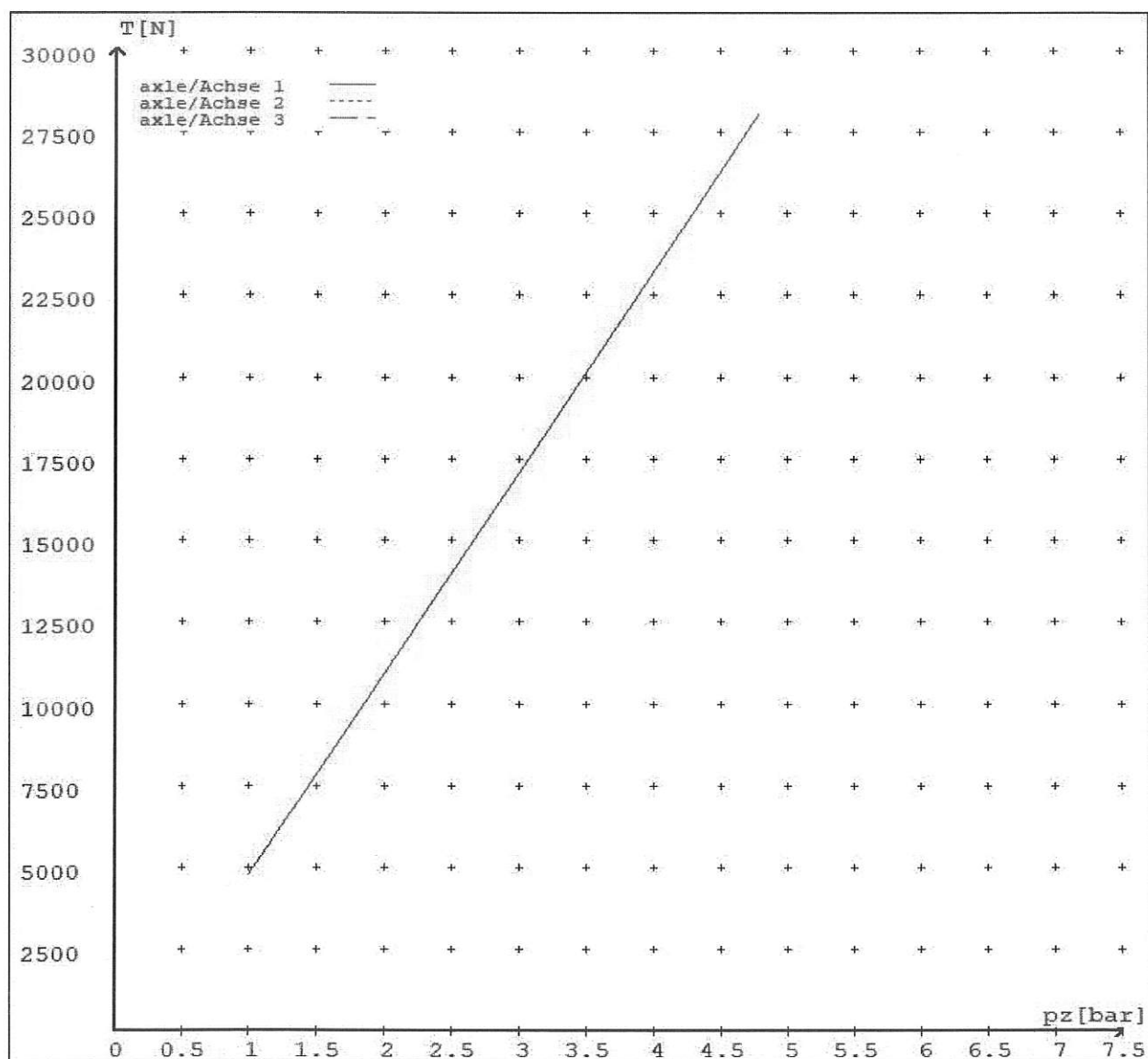
|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| min Ef =             | minimum distance between front axle(s) (trailer) or support (semitraile) |
| 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 = 2150 mm          | height of center of gravity - laden                                      |
| PR = 19050 kg        | maximum bogie mass - laden                                               |
| P = 35000 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      |       | 4749  |
|        | 4.8      |       | 28046 |
| axle 2 | 1.0      |       | 4749  |
|        | 4.8      |       | 28046 |
| axle 3 | 1.0      |       | 4749  |
|        | 4.8      |       | 28046 |

VIN - no.:

|                                                                                       | Axle(s) / Achse(n) |         |      |   |   |
|---------------------------------------------------------------------------------------|--------------------|---------|------|---|---|
| brake cylinder type (service / parking)<br>Bremszylinder Typ (Betrieb / Fest)         | T.14/24            | T.14/24 | 14./ | / | / |
| Maximum stroke $s_{max} = \dots\text{mm}$<br>maximaler Hub $s_{max} = \dots\text{mm}$ | 64                 | 64      | 64   |   |   |
| Lever length = $\dots\text{mm}$<br>Hebellänge = $\dots\text{mm}$                      | 76                 | 76      | 76   |   |   |



reference values for  $z = 0.45$

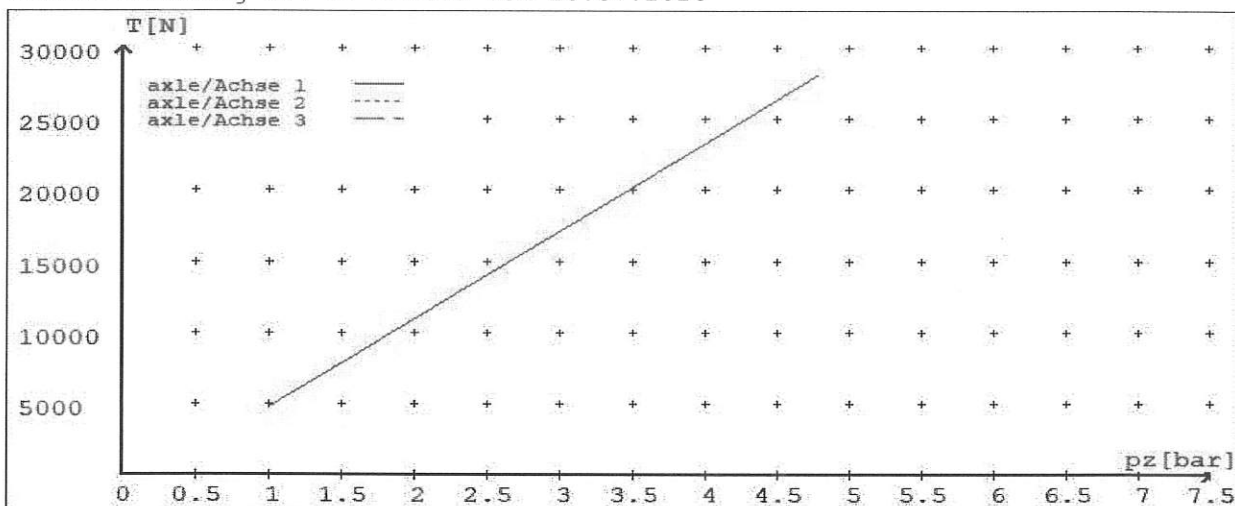
Angabe der Referenzwerte für  $z = 0.45$

for max rdyn: 421 mm

für max rdyn: 421 mm

brake calculation no: TP 53155S date 20.07.2026

Bremsberechnung Nr: TP 53155S vom 20.07.2026



|                                                                               | Axle(s) / Achse(n) |         |      |   |   |
|-------------------------------------------------------------------------------|--------------------|---------|------|---|---|
| brake cylinder type (service / parking)<br>Bremszylinder Typ (Betrieb / Fest) | T.14/24            | T.14/24 | 14./ | / | / |
| Maximum stroke smax = ...mm<br>maximaler Hub smax = ....mm                    | 64                 | 64      | 64   |   |   |
| Lever length = ....mm<br>Hebellänge = ....mm                                  | 76                 | 76      | 76   |   |   |



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

CLIENT

|               |                                |
|---------------|--------------------------------|
| MANUFACTURER: | DOMETT TRAILERS                |
| ADDRESS:      | TAURIKURA DRIVE, TAURANGA 3110 |
| FLEET:        | TALLEYS                        |

VEHICLE DETAILS

|                                  |                      |                     |                      |
|----------------------------------|----------------------|---------------------|----------------------|
| VEHICLE TYPE:                    | 3ASBTF CURTAINSIDE   | CERT #:             | JH260717             |
| YEAR:                            | 2026                 | CALCULATION #:      | TP53155              |
| MAKE:                            | DOMETT               | REGO #:             | N/A                  |
| MODEL:                           | C2003 PH             | LT400 #:            | H26538               |
| CHASSIS #:                       | 2571                 | ORDER #:            | 11200                |
| VIN #:                           | 7A9C20038T2023571    |                     |                      |
| GVM: <i>t</i>                    | 33                   | PRIME MOVER:        | EBS / EUROPEAN       |
| LOAD CONFIGURATION:              | MIXED FREIGHT        |                     |                      |
| GROUP RATINGS: <i>t</i>          | FRONT                | REAR                |                      |
|                                  | 14                   | 19                  |                      |
| WHEEL BASE: <i>m</i>             | 6.515                |                     |                      |
|                                  | UNLADEN COG <i>m</i> | MAX HEIGHT <i>m</i> | HEIGHT DECK <i>m</i> |
|                                  | 0.89                 | 4.3                 | 1.238                |
| COG: <i>m</i>                    | 2.148                |                     |                      |
|                                  | FRONT                | REAR                | TOTAL                |
| TARE: <i>t</i>                   | 2                    | 3.8                 | 5.8                  |
|                                  |                      | REAR                |                      |
| TYRE SIZE:                       |                      | 265 70 R19.5        |                      |
| ROLLING CIRCUMFERENCE: <i>mm</i> |                      | 2645                |                      |
| AXLE SPACING: <i>m</i>           |                      | 3                   |                      |

# BRAKE & AXLE DETAILS

|                  | MAKE    | MODEL         | TEST REPORT  |
|------------------|---------|---------------|--------------|
| AXLE:            | SAF     | SAF-ZI9S      | TDB0878      |
| STEER AXLE[S]:   | NO      | POLE WHEEL:   | 90           |
| LINING MATERIAL: | SAF 607 | BRAKE FACTOR: | 22.37        |
| SENSED AXLES:    | #2      | NOTES:        |              |
| SERIAL NUMBERS:  | 1       | N/A           | NG-IU25-ZI9S |
|                  | 2       | N/A           | NG-IU25-ZI9S |
|                  | 3       | N/A           | NG-IU25-ZI9S |
|                  | 4       | N/A           | N/A          |

# CHAMBER AND VALVING DETAILS

|                       |                                                |  |                                    |  |                                                               |  |
|-----------------------|------------------------------------------------|--|------------------------------------|--|---------------------------------------------------------------|--|
| CHAMBERS:             | AXLE 1 & 2                                     |  | AXLE 3                             |  |                                                               |  |
| BRAND:                | TSE_CHAMBERS                                   |  | TSE_CHAMBERS                       |  |                                                               |  |
| SIZE:                 | 1416HTLD                                       |  | 14HSCLD                            |  |                                                               |  |
| STROKE: mm            | 64                                             |  | 64                                 |  |                                                               |  |
| TEST REPORT #:        | BC0143.0                                       |  | BC 0127.0                          |  |                                                               |  |
| SPRINGBRAKE FORCE: kN | 6.16                                           |  | N/A                                |  |                                                               |  |
| HOLDOFF PRESSURE: Bar | 4.8                                            |  | N/A                                |  |                                                               |  |
| FOUNDATION BRAKE:     | SAF SBS1918                                    |  | SAF SBS1918                        |  |                                                               |  |
| LEVER LENGTH: mm      | 76                                             |  | 76                                 |  |                                                               |  |
| BRAKE VALVES:         | MAKE:                                          |  | PART NUMBER:                       |  | PM 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:        | <input checked="" type="checkbox"/> FRONT      |  | <input type="checkbox"/> REAR      |  |                                                               |  |
| SUBSYSTEMS:           | <input checked="" type="checkbox"/> SMARTBOARD |  | <input type="checkbox"/> OPTI-LINK |  | <input checked="" type="checkbox"/> CAN R/R 446 122 050/051 0 |  |
|                       | <input type="checkbox"/> ELEX 446 122 070 0    |  | <input type="checkbox"/> TAILGUARD |  |                                                               |  |

## SUSPENSION

|                             |                 |
|-----------------------------|-----------------|
|                             | REAR            |
| SUSPENSION TYPE:            | PNEUMATIC       |
| MAKE:                       | SAF_AIRSPRING   |
| MODEL:                      | SAF_INTRA       |
| BELLOW SIZE:                | 2619, 300mm     |
| HEIGHT CONTROL VALVE:       | HALDEX 90554950 |
| OTHER VALVES:               | N/A             |
| RIDE HEIGHT <i>mm</i> :     | 230             |
| HANGER HEIGHT <i>mm</i> :   | 200             |
| PEDESTAL HEIGHT <i>mm</i> : | 5               |
| LIFTAXLE:                   | N/A             |
| DUMP SWITCH:                | N/A             |
| LIFTAXLE VALVE:             | N/A             |

## AIR TANKS

|                        |                          |
|------------------------|--------------------------|
| AIR TANKS STANDARD:    | SAE J10A / EN286-2       |
|                        | REAR                     |
| BRAKE TANK SIZE: L     | 46 + 25                  |
| AUXILLARY 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 |

**RULES / STANDARD COMPLIANCE REFERENCE: LTR32015**☒ SCHEDULE 5☐ ADR 35☐ ECE R 13☐ FMVSS 121**CHECKS AT COMMISSION OF VEHICLE**

CHAMBER BUNGS REMOVED:



VALVE MOUNTING:



ECU BLANKING PLUGS CHECKED:



DUOMATIC DRILLED:



RESPONSE TIME:

MODULATOR 2.1

MODULATOR 2.2

RELAY VALVE

ms:

N/A

**NOTES, SKETCHES AND SPECIAL CONDITIONS**

FILES RECEIVED: 03.06.2026

FILES CREATED: 20.07.2026

REQUEST A COPY OF THE TARE WEIGHT DOCKET ☒

INSPECTION &amp; SIGN-OFF SCHEDULED: 07.11.2023

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 NOTICE 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, SCHEDULE 5.**

DATE:

7/08/2026

SIGNED:

CERTIFIER NAME &amp; ID:

CHRIS CLARKE

CJC

SODC BY:

JOHN HIRST

JEH

PHONE (BUS):

09-980-7300

POSTAL ADDRESS:

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New Zealand