NZ TRANSPORT AGENCY
WAKA KOTAHI

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)*: JOHN HIRST

ID: JEH

Vehicle registration *(optional)*:

VIN/~~chassis~~ number: 7A9D45014L2023030

Make: DOMETT

Model *(optional)*: D4501

Certification category: HVEK

Component being certified:

- [ ] Chassis
- [ ] Load anchorage
- [ ] Log bolsters
- [ ] Towing connection
- [X] Brakes
- [ ] SRT
- [ ] PSV stability
- [ ] PSV rollover
- [ ] Swept path
- [ ] 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.
4AFT LOW LOADER **RSS ON TYRE:** 215 75 R17.5
FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.
REASON FOR CERTIFICATION: NEW TRAILER BUILD

Code/standard/rule certified to: LTR 32015/5

General drawing number(s): N/A

Component load rating(s):
30 Tonnes GVM
16 Tonnes (Front brake mass)
16 Tonnes (Rear brake mass)

Supporting documents:
BRAKE RULE CERTIFICATE JH210202
BRAKE CALCULATION # TP52230

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: John Hirst

Inspector's name *(PRINT IN CAPS)*: JOHN HIRST ID number: JEH

Date: 12-Feb-21

Number: 760480

CoF vehicle inspector ID *(if applicable)*:

CoF vehicle inspector signature *(if applicable)*:

Date:

All fields are mandatory unless otherwise stated.

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.

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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.

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

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b) notify the operator that the vehicle must be inspected and, if necessary, certified by person or organisation appointed to carry out specialist inspection and certification of heavy vehicle brakes.

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

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

(p.p.).....
(J.Hirst (JEH) HVEK)

NOTICE TO VEHICLE OPERATOR

This trailer is equipped with an **E**lectronic **B**rake **S**ystem.

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.

(p.p.)_____
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:	BRIDGE IT NZ

VEHICLE DETAILS

VEHICLE TYPE:	4AFT LOW LOADER	CERT #:	JH210202
YEAR:	2021	CALCULATION #:	TP52230
MAKE:	DOMETT	REGO:	N/A
MODEL:	D4501	LT400 #:	760480
CHASSIS #:	2030	ORDER #:	7803
VIN #:	7A9D45014L2023030		
GVM: *t*	30	PRIME MOVER:	UNKNOWN
LOAD CONFIGURATION:	MIXED FREIGHT		

	FRONT	REAR
GROUP RATINGS: *t*	16	16
WHEEL BASE: *m*	6.02	

	UNLADEN COG *m*	MAX HEIGHT *m*	HEIGHT DECK *m*
	0.867	4.3	0.985
COG: *m*	2.013		

	FRONT	REAR	TOTAL
TARE: *t*	2.84	3.36	6.2

	FRONT	REAR
TYRE SIZE:	215 75 R17.5	215 75 R17.5
ROLLING CIRCUMFERENCE:*mm*	2344	2344
AXLE SPACING: *m*	1.31	1.31

BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	ROR_ASSALI_STEFEN	ROR-AC 311 X 190	TDB 0854
POLE WHEEL FRONT:	80	POLE WHEEL REAR:	80
LINING MATERIAL:	ROR 685 AF	BRAKE FACTOR:	8.6
SENSED AXLES:	#1 ~~#2~~ & ~~#4~~ #3		NOTES:
SERIAL NUMBERS: 1	N/A		WW ULWUS/200
2	N/A		WW ULWUS/200
3	N/A		WW ULWUS/200
4	N/A		WW ULWUS/200

CHAMBER AND VALVING DETAILS

CHAMBERS:	AXLE 1 & 2	AXLE 3 & 4	
BRAND:	TSE_CHAMBERS	TSE_CHAMBERS	
SIZE:	24S	2430 TN2	
STROKE: *mm*	67	64	
TEST REPORT #:	TSE derived	TSE derived	
SPRINGBRAKE FORCE: *kN*	N/A	6.72	
HOLDOFF PRESSURE: *Bar*	N/A	4.8	
FOUNDATION BRAKE:	DRUM	DRUM	
LEVER LENGTH: *mm*	152	127	

BRAKE VALVES:	MAKE:	PART NUMBER:	PM PRESS. *kPa*
ECU PART #:	WABCO	480 102 08. 0 (MV)	70 kPa
3RD MODULATOR #:	WABCO	480 207 202 0 (12V)	70 kPa
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 **FRONT FRICTION: μ** 0.52

SUBSYSTEMS:

☐ SMARTBOARD ☐ OPTI-LINK ☐ CAN ROUTER 446 122 050 0

☐ ELEX 446 122 070 0 ☐ TAILGUARD

SUSPENSION

	FRONT	REAR
SUSPENSION TYPE:	PNEUMATIC	PNEUMATIC
MAKE:	ROR_AIRSPRING	ROR_AIRSPRING
MODEL:	ROR_MODULAR	ROR_MODULAR
BELLOW SIZE:	WEWELER	WEWELER
HEIGHT CONTROL VALVE:	464 008 011 0	464 008 011 0
OTHER VALVES:	N/A	N/A
RIDE HEIGHT *mm* :	240	200
HANGER HEIGHT *mm* :	205	205
PEDESTAL HEIGHT *mm* :	8	8
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: *L*	46	46
AUXILLARY 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:	290	295	410

NOTES AND SPECIAL CONDITIONS

FILES RECEIVED 17.12.20

REQUEST FOR SUSPENSION DATA SENT TO T.A.T.E.S. ON 24.01.21 (RECEIVED 25.01.21)

CALCULATION & FILES CREATED 01.02.21

FINALISED & SENT 12.02.21 (QUESTION MARK AROUND THE # OF POLEWHEEL TEETH)

REASON FOR CERTIFICATION: NEW TRAILER

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 VECHLE BRAKE RULE 32015/5, SCHEDULE 5.

DATE: 12/02/2021

SIGNED:

CERTIFIER NAME & ID: JOHN HIRST JEH

SODC BY: N/A N/A

PHONE (BUS): 09-980-7300

FAX:

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

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(J.Hirst (JEH) HVEK)

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(p.p.)_____
J E Hirst
(JEH HVEK)
(09 980 7300)

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

distribution: DOMETT TRAILERS
7A9D45014L2023030
SODC: JH210202
LT400: 760480

please note!

This brake calculation is made under consideration of
-the legal precriptions mentioned above in the version valid at the time of making the program (V6.18.07.12).
-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 : 4AFT LOW LOADER
trailer type : 4-axle-full-trailer
remarks : air / hydraulic / VA suspension
WABCO TRAILER - EBS
TRISTOP 3+4: 24/30
215/75 R 17,5
THE BRAKE CHAMBERS ARE TSE. EQUIVALENT DATA IS AVAILABLE IN THE CERTIFICATION FILE.

axle 1 + 2 + 3 + 4 : Assali Stefen, AC (311x190), TDB 0854 ECE,

		unladen	laden
total mass	P in kg	6200	32000
axle 1	P1 in kg	1400	8000
axle 2	P2 in kg	1400	8000
axle 3	P3 in kg	1700	8000
axle 4	P4 in kg	1700	8000
wheel base	E in mm	5950 - 6050	
centre of gravity height	h in mm	870	2015

		axle 1	axle 2	axle 3	axle 4
no. of combined axles		1	1	1	1
no. of brake chambers per axle line	KDZ	2	2	2	2
The power output corresponds to		BC 0069.2	BC 0069.2	BC 0051.0	BC 0051.0
brake chamber manufacturer		BPW	BPW	WABCO	WABCO
chamber size		24.	24.	24/30	24/30
lever length	lBh in mm	152	152	127	127
brake factor	[-]	8.60	8.60	8.60	8.60
dyn. rolling radius	rdyn min in mm	373	373	373	373
dyn. rolling radius	rdyn max in mm	373	373	373	373
threshold torque	Co Nm	11.5	11.5	11.5	11.5

calculation:					
chamber pressure(rdyn min)pH at z=22,5%bar		2.1	2.1	2.0	2.0
chamber pressure(rdyn max)pH at z=22,5%bar		2.1	2.1	2.0	2.0
chamber press.(servo)pcha at pm6,5bar	bar	5.7	5.7	4.5	4.5
piston force	ThA at pm6,5bar N	8178	8178	6355	6355
brake force(rdyn min)T lad. at pm6,5bar	N	57577	57577	37471	37471
brake force(rdyn max)T lad. at pm6,5bar	N	57577	57577	37471	37471
Brake force incl. 1 % rolling resistance proportion	%	27.4	27.4	22.6	22.6

braking rate z laden
z = sum (TR)/PRmax

0.606 for rdyn min
0.606 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: BPW 05.444.15...

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: BPW 05.444.15...

axle 3:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

brake cylinder: WABCO 925 376 005 0 / 925 376 2.. 0

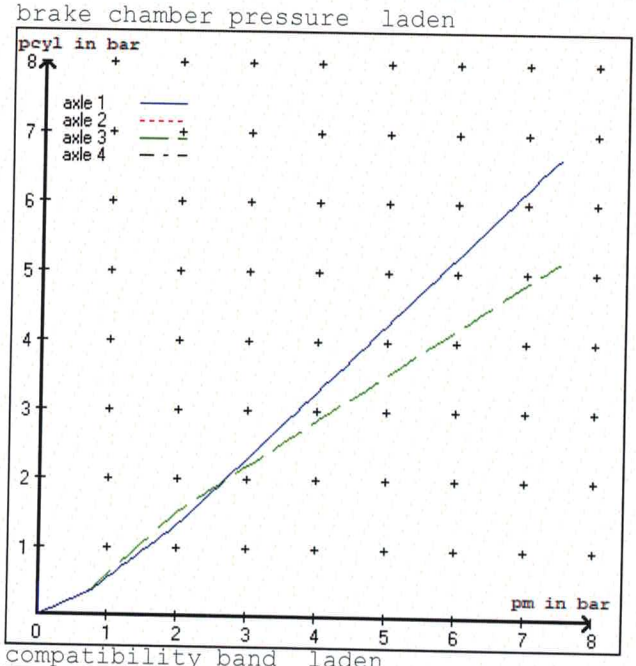
axle 4:
valve 1: 971 002 ... 0 WABCO
EBS emergency valve

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

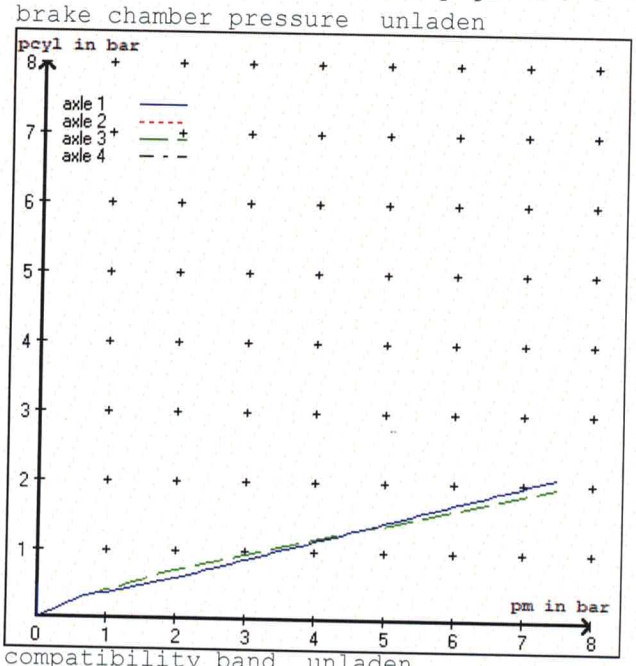
brake cylinder: WABCO 925 376 005 0 / 925 376 2.. 0

test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3	axle4	
at pm 3.5 bar =>	pcha in bar :	2.8	2.8	2.5	2.5	
test type III (zIII = 0.06)	for rdyn min :	axle1	axle2	axle3	axle4	
at pm 1.2 bar =>	pcha in bar :	0.7	0.7	0.7	0.7	

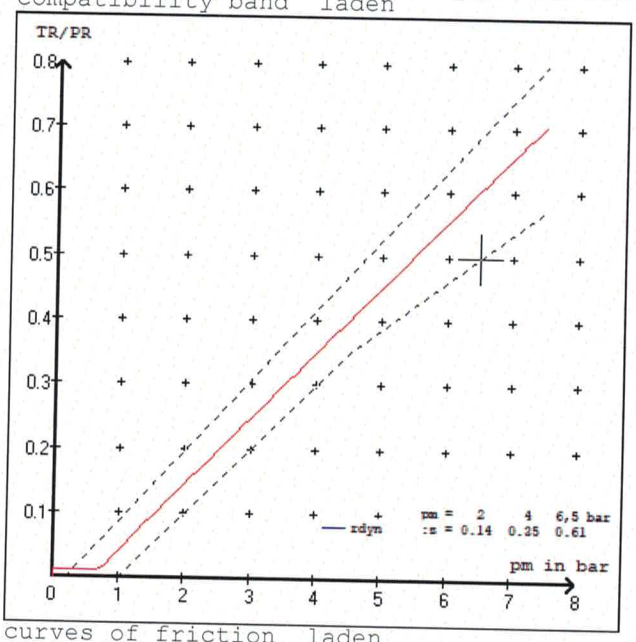
brake chamber pressure laden



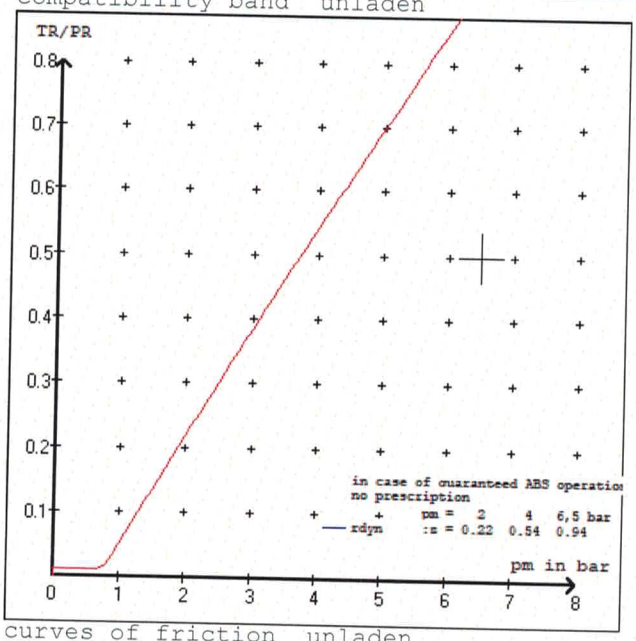
brake chamber pressure unladen



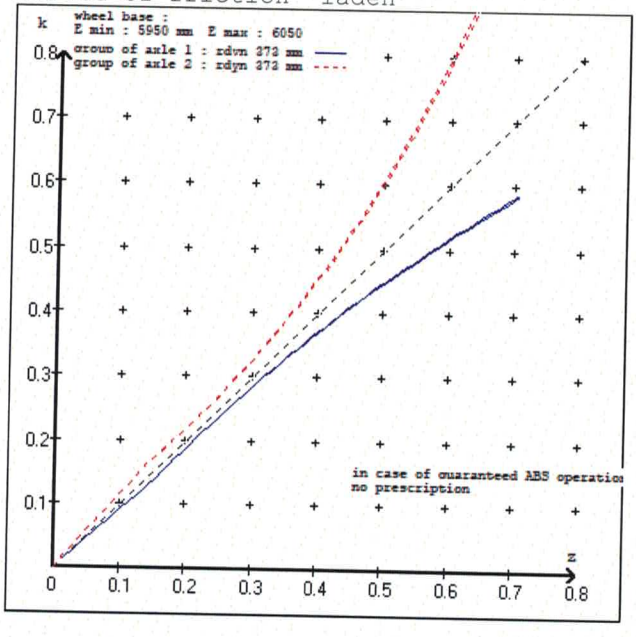
compatibility band laden



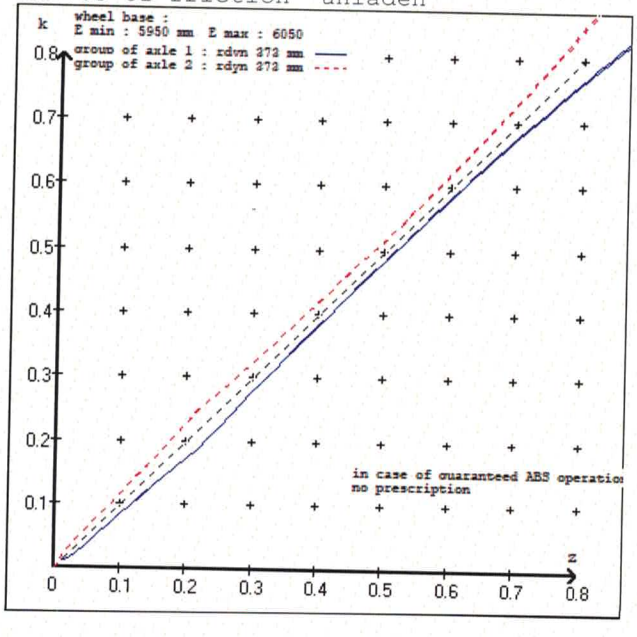
compatibility band unladen



curves of friction laden



curves of friction unladen



vehicle manufacturer: DOMETT TRAILERS
trailer model : 4AFT LOW LOADER
trailer type : 4-axle-full-trailer

brake chamber and lever length :
axle 1 : 2 x type/diameter 24. (BPW) lever length 152 mm
axle 2 : 2 x type/diameter 24. (BPW) lever length 152 mm
axle 3 : 2 x type/diameter 24/30 (WABCO) lever length 127 mm
axle 4 : 2 x type/diameter 24/30 (WABCO) lever length 127 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.. 0 WABCO EBS trailer modulator

EBS input data
==========
vehicle manufacturer: DOMETT TRAILERS
trailer model : 4AFT LOW LOADER
trailer type : 4-axle-full-trailer
brake calculation no. : TP 52230A

tire circumference main axle : 2350 for rdyn max
tire circumference auxiliary axle : 2350 for rdyn max

assignment pm / deceleration z: pm 0.7 bar z = 0.010
(laden condition) 2.0 bar z = 0.142
6.5 bar z = 0.600

control pressure pm			6,5	control pressure pm		0.7	2.0	6.5
axle	axle load unladen	bellow pr. unladen	brake pr. unladen	axle load laden	bellow pr. laden	brake pr. laden		
1	1400	to be entered by the vehicle manufact.	1.8	8000	to be entered by the vehicle manufact.	0.3	1.3	5.7
2	1400		1.8	8000		0.3	1.3	5.7
3	1700		1.7	8000		0.3	1.5	4.5
4	1700		1.7	8000		0.3	1.5	4.5
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 4	
axle load	pcyl	axle load	pcyl	axle load	pcyl	axle load	pcyl
1400	1.8	1400	1.8	1700	1.7	1700	1.7
1900	2.1	1900	2.1	2200	1.9	2200	1.9
2400	2.4	2400	2.4	2700	2.1	2700	2.1
2900	2.7	2900	2.7	3200	2.4	3200	2.4
3400	3.0	3400	3.0	3700	2.6	3700	2.6
3900	3.3	3900	3.3	4200	2.8	4200	2.8
4400	3.6	4400	3.6	4700	3.0	4700	3.0
4900	3.9	4900	3.9	5200	3.3	5200	3.3
8000	5.7	8000	5.7	8000	4.5	8000	4.5

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

axle 1 : reference axle: Assali StefTMen		brake lining: ROR 685 AF
test report :	TDB 0854 ECE	date : 2011-07-20
axle 2 : reference axle: Assali StefTMen		brake lining: ROR 685 AF
test report :	TDB 0854 ECE	date : 2011-07-20
axle 3 : reference axle: Assali StefTMen		brake lining: ROR 685 AF
test report :	TDB 0854 ECE	date : 2011-07-20
axle 4 : reference axle: Assali StefTMen		brake lining: ROR 685 AF
test report :	TDB 0854 ECE	date : 2011-07-20

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

axle 1	(rdyn 373 mm)	T = 25.9 % Fe
axle 2	(rdyn 373 mm)	T = 25.9 % Fe
axle 3	(rdyn 373 mm)	T = 19.8 % Fe
axle 4	(rdyn 373 mm)	T = 19.8 % Fe

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

axle 1	(sp = 73 mm)	s = 67 mm
axle 2	(sp = 73 mm)	s = 67 mm
axle 3	(sp = 63 mm)	s = 56 mm
axle 4	(sp = 63 mm)	s = 56 mm

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

axle1	ThA = 8178 N
axle2	ThA = 8178 N
axle3	ThA = 6355 N
axle4	ThA = 6355 N

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

axle 1	(rdyn 373 mm)	T = 46491 N
axle 2	(rdyn 373 mm)	T = 46491 N
axle 3	(rdyn 373 mm)	T = 30109 N
axle 4	(rdyn 373 mm)	T = 30109 N

	basic test of subject trailer (E)	type III (calculated) residual (hot) braking
braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	0.61	0.49
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 373 mm)	T = 46491 N
axle 2	(rdyn 373 mm)	T = 46491 N
axle 3	(rdyn 373 mm)	T = 30109 N
axle 4	(rdyn 373 mm)	T = 30109 N

	basic test of subject trailer (E)	type III (calculated) residual (hot) braking
braking rate of the vehicle (item 4.3.2 to appendix 2 to annex 11)	0.61	0.49
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		24/30	24/30
lever length	lBh in mm	127	127
stat. tyre radius	rstat max in mm	356	356
at a stroke of	s in mm	30	30
min. force of spring brake	TFZ in N	6360	6360
sp.brake chamber no 925		376 005 0	376 005 0
sp.brake chamber no 925		376 2.. 0	376 2.. 0
release pressure	pLs in bar	4.9	4.9

calculation:

ratio until road		3.0680	3.0680
iFb = lBh*Eta*C*rBt/(2*rBn*rstat)	for rstat in mm	356	356
brake force of spring br. Tf	in N	38469	38469
Tf = (TFZ*KDZ-2*Co/lBh)*iFb			
braking rate	zf laden	0.255	
zf = sum (Tf)/P + 0,01			

Test of the frictional connection required by the parking brake

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

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

min Ef = 4307 mm for E = 5950 mm
==========
min Ef = 4371 mm for E = 6050 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	=	2015 mm	height of center of gravity - laden
PR	=	16000 kg	maximum bogie mass - laden
P	=	32000 kg	maximum total mass - laden
nf	=	2	no. of axle(s) with TRISTOP spring brake actuators
ng	=	2	no. of bogie axle(s)

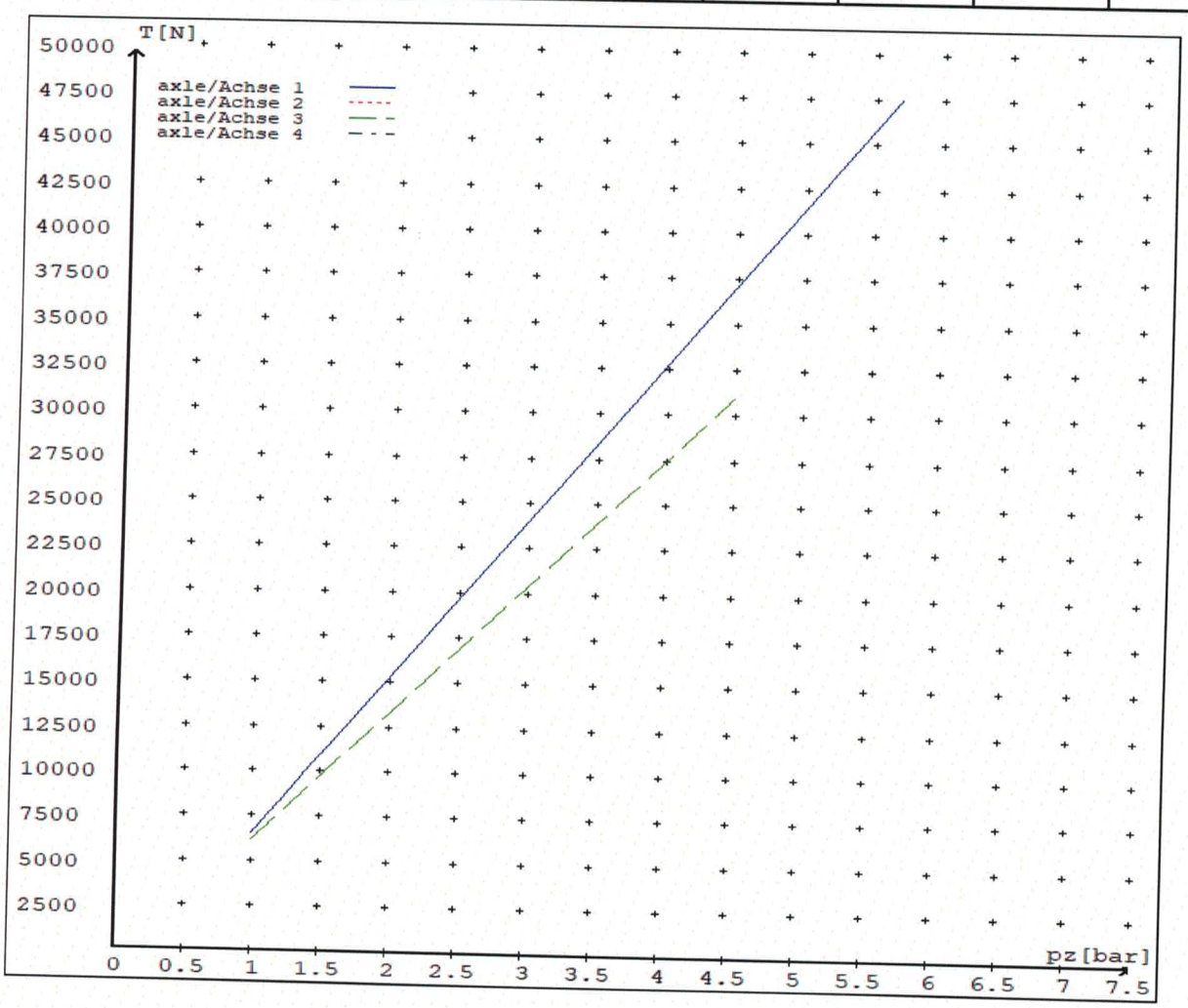
reference values

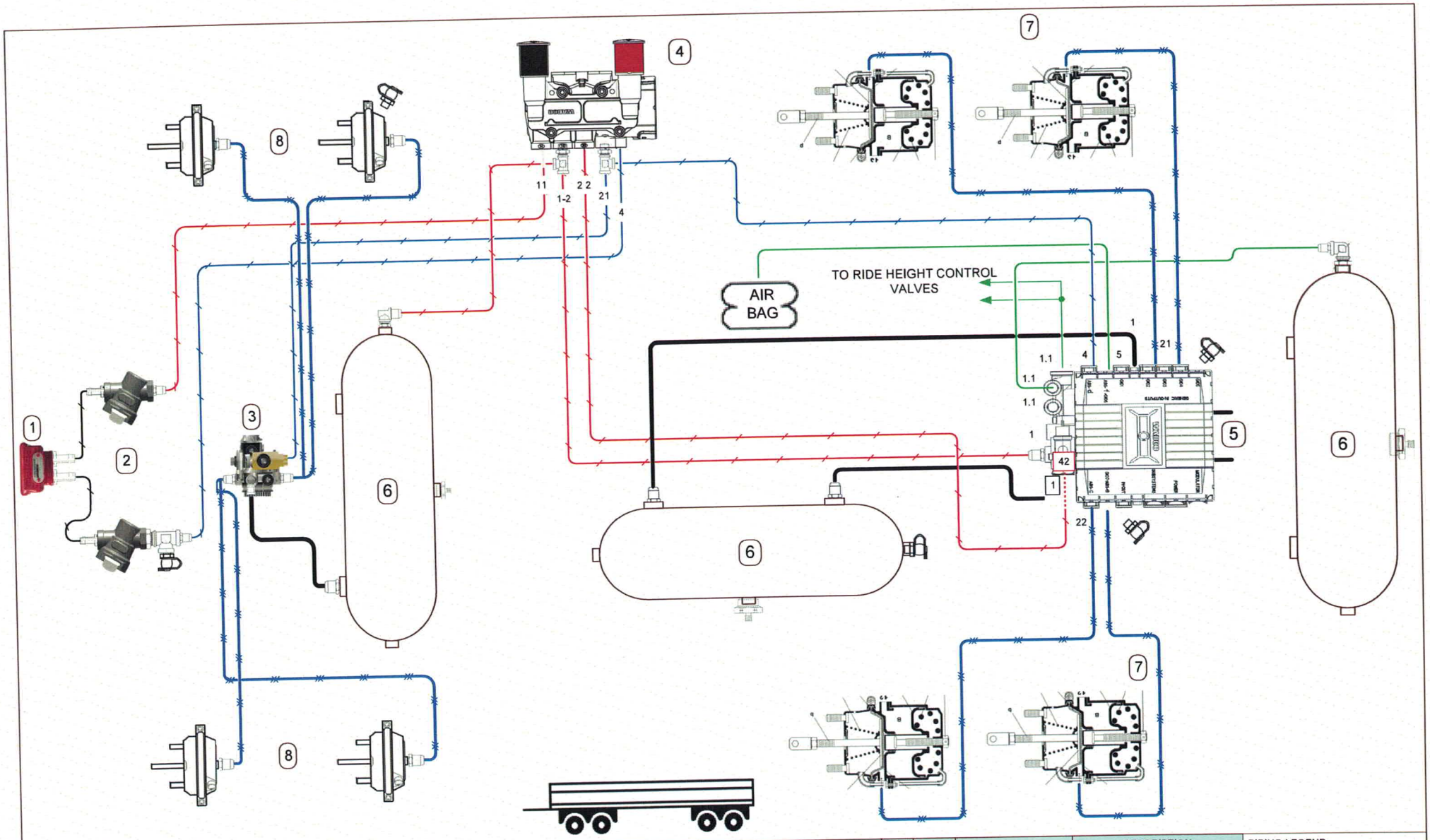
reference values for z = 50% for max rdyn: 373 mm

	pz [bar]	T [N]	T [N]
axle 1	1.0 5.7	6490 47506	
axle 2	1.0 5.7	6490 47506	
axle 3	1.0 4.5		6090 30917
axle 4	1.0 4.5		6090 30917

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	24./	24./	24/30	24/30	/
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	75	75	64	64	
Lever length = ...mm Hebellänge = ...mm	152	152	127	127	





DOMETT TRAILERS

4AFT LOW LOADER

Transpecs

WABCO

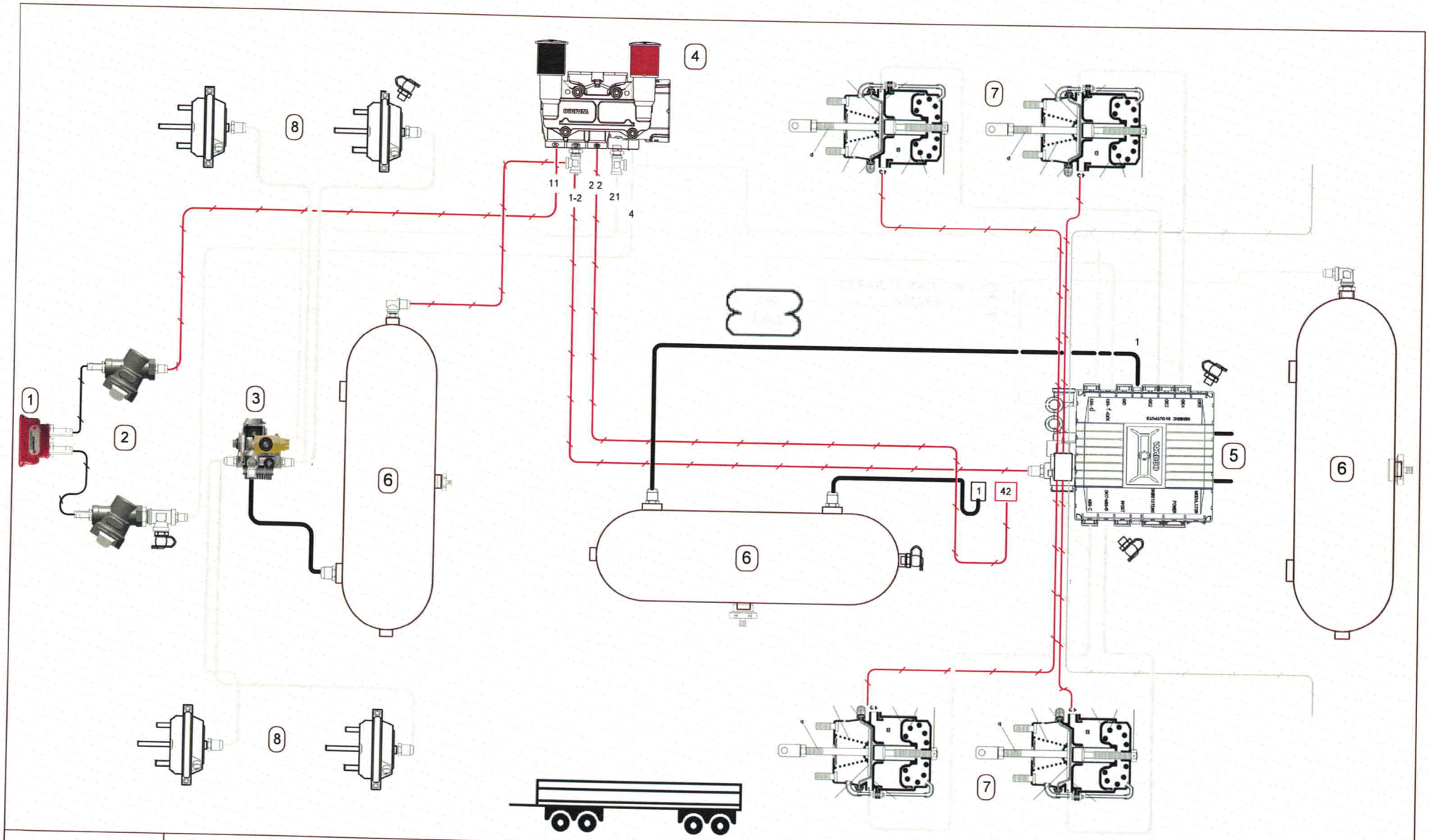
SIZE	SPEC REFERANCE	MODEL NUMBER	REV
A4	2030	D4501	1

SCALE | SERVICE LINES

ITEM	QTY.	PART NO.	DESCRIPTION	ITEM	QTY.	PART NO.	DESCRIPTION
1	1	452 804 001 0	Wabco Duo-Matic coupling				
2	2	432 500 020 0	Wabco control line filter	10			
3	1	480 207 202 0	Wabco EBS 3rd modulator	11			
4	1	971 002 900 0	Wabco PREV	12			
5	1	480 102 08. 0	Wabco TEBS – E (premium)				
6	3		46 Ltr Air tank				
7	4	2430GC-TSE@127mm	TSE Spring brake chamber				
8	4	24S-TSE@152mm	TSE Service brake chamber				

PIPING LEGEND:

- 3/8" Rubber
- 3/8" Rubber
- 1/2" Rubber
- 15mm Nylon
- 12mm Nylon
- 8mm Nylon
- 8mm Nylon
- 8mm Nylon



DOMETT TRAILERS

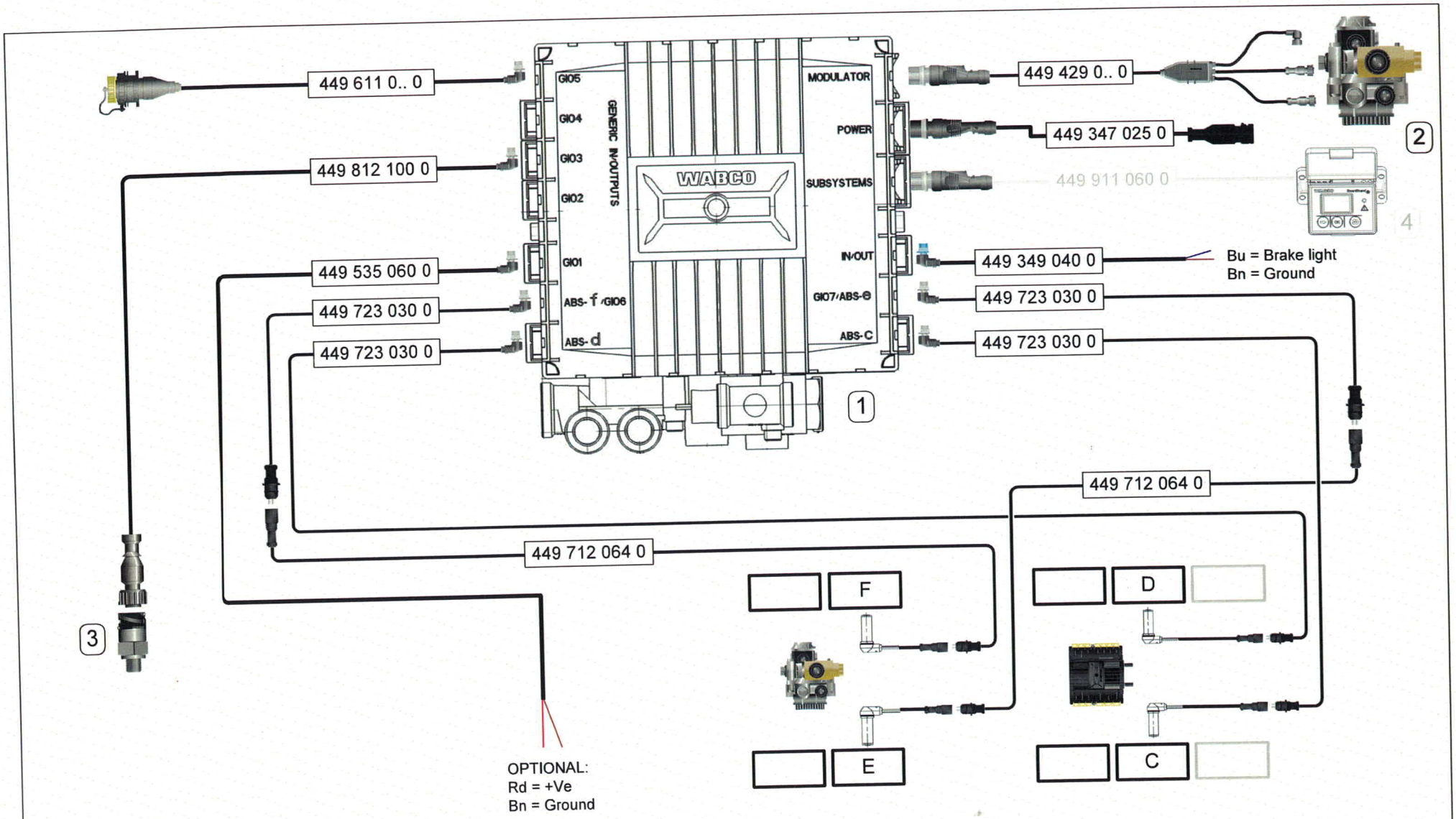
4AFT LOW LOADER

SIZE	SPEC REFERANCE	MODEL NUMBER	REV
A4	2030	D4501	1
SCALE	PARK LINES		

ITEM	QTY.	PART NO.	DESCRIPTION	ITEM	QTY.	PART NO.	DESCRIPTION
1	1	452 804 001 0	Wabco Duo-Matic coupling				
2	2	432 500 020 0	Wabco control line filter	10			
3	1	480 207 202 0	Wabco EBS 3rd modulator	11			
4	1	971 002 900 0	Wabco PREV	12			
5	1	480 102 08. 0	Wabco TEBS – E (premium)				
6	3		46 Ltr Air tank				
7	4	2430GC-TSE@127mm	TSE Spring brake chamber				
8	4	24S-TSE@152mm	TSE Service brake chamber				

PIPING LEGEND:

- 3/8" Rubber
- 3/8" Rubber
- 1/2" Rubber
- 15mm Nylon
- 12mm Nylon
- 8mm Nylon
- 8mm Nylon
- 8mm Nylon



ITEM	QTY.	PART NO.	DESCRIPTION
1	1	480 102 08. 0	WABCO T-EBS ECU
2	1	480 207 202 0	WABCO 3RD MODULATOR
3	1	441 044 101 0	WABCO PRESSURE SENSOR
4	1	446 192 110 0	WABCO SMARTBOARD

Transpecs

DOMETT TRAILERS

4AFT LOW LOADER

SIZE	SPEC REFERANCE	MODEL NUMBER	REV
A4	2030	D4501	1

SCALE

GI/O ASSIGN.