



THE NETHERLANDS

COMMUNICATION

Concerning ⁽¹⁾:

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of tyre with regard to 'rolling sound emission level' and/or 'adhesion performance on wet surfaces' and/or 'rolling resistance' pursuant to UN Regulation number 117.

Approval number ⁽²⁾: E4*117R04/00*14660*00
Suffix(es) ⁽⁶⁾: S2W2R3B

- | | | |
|--------|--|---|
| 1. | Manufacturer's name and address | : Continental Reifen Deutschland GmbH
Continental-Plaza 1
30173 Hannover
Germany |
| 2. | If applicable, name and address of manufacturer's representative | : Not applicable |
| 3. | "Tyre class" of the type of tyre | : class C1/class C2 /class C3 |
| 4. | "Category of use" of the type of tyre | : normal /snow/ special use |
| 4.1. | Tyre for use in severe snow conditions | : yes/ no ⁽¹⁾ |
| 4.1.1. | Ice grip tyre | : yes/no ⁽¹⁾ |
| 4.2. | Traction tyre | : yes/no ⁽¹⁾ |
| 5. | Tyre structure | : diagonal/bias belted /radial/ run flat tyre |
| 6. | Type of tyre designation | : |
| 6.1. | Brand name(s)/trademark(s) of the type of tyre | : MATADOR |
| 6.2. | Trade description(s)/commercial name(s) of the type of tyre | : MATADOR, F HR 4
MATADOR, F HR 4+ |

7. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity tests : Continental Reifen Deutschland GmbH
Continental-Plaza 1
30173 Hannover
Germany
8. Performance(s) approved : rolling sound emission level at stage 2, wet adhesion level of tyres in new state at (stage 1/stage 2)⁽¹⁾, rolling resistance level at (stage 2/stage 3)⁽¹⁾, wet adhesion level of tyres in worn state
- 8.1. Sound level of the representative tyre size, see paragraph 2.7. of this Regulation, as per item 7. of the test report in Appendix 1 to Annex 3: 70 dB(A) at reference speed of 70/80 km/h⁽¹⁾.
- 8.2. Wet adhesion level of tyres in new state of representative size, see paragraph 2.7. of this Regulation, as per the test report examples shown in the appendix to Annex 5: 1.1 (G) using the vehicle method⁽¹⁾ or ~~trailer method~~⁽¹⁾.
- 8.3. Wet adhesion level of tyres in worn state of representative size, see paragraph 2.7. of this Regulation, as per the test report in the appendix to Annex 9 in the case of class C1 tyres or as per evaluation performed according to paragraph 3. of Annex 9 in the case of classes C2 and C3 tyres⁽¹⁾: 0.91 (G_B) using the ~~vehicle method~~⁽¹⁾ or ~~trailer method~~⁽¹⁾.
- 8.4. Rolling resistance level of the representative tyre size, see paragraph 2.7. of this Regulation, as per item 7. of the test report in Appendix 1 to Annex 6: 5.7
- 8.5. Snow performance level of the representative tyre size, see paragraph 2.7. of Regulation No. 117, as per item 7. of the test report in the appendix⁽⁵⁾ to Annex 7: SI = 1.7 (Snow grip index) using the ~~brake on snow method~~⁽¹⁾, ~~spin traction method~~⁽¹⁾ or acceleration method⁽¹⁾.
- 8.5.1. Ice performance level of the representative tyre size, see paragraph 2.7. of Regulation No. 117, as per item 7. of the test report in the appendix 2 to Annex 8: - using the ~~brake on snow method~~⁽¹⁾.
9. Number of report issued by that service : Q140111/07,
WET2023D149016011_2310271341E4,
6932356_RR117,
SNO2023D1469941422_2307111438E4
10. Date of report issued by that service : 10.08.2022, 27.10.2023, 25.05.2023, 11.07.2023
11. Reason(s) of extension (if applicable) : -
12. Any remarks : -



13. Place : Zoetermeer
14. Date : 09 February 2024
15. Signature :



T. H. K. Spatz

16. Annexed to this communication are:
- 16.1. A list of documents in the approval file deposited at the Type Approval Authorities having delivered the approval and which can be obtained upon request ⁽⁶⁾.
- 16.2. A list of tyre size designations: Specify for each brand name/trademark and/or each trade description/commercial name the list of tyre size designations and service descriptions, adding in case of class C1 tyres whether "reinforced" (or "extra load") or not.

⁽¹⁾ Strike out what does not apply.

⁽²⁾ According to Schedule 4 to Revision 3 of the 1958 Agreement.

⁽⁶⁾ In the case of tyre use in severe snow conditions a test report according to Appendix 2 or Appendix 3, as applicable, to Annex 7 shall be submitted. Additionally in the case of ice grip tyre a test report according to Appendix 2 to Annex 8 shall be submitted.

⁽⁵⁾ Appendix 2 for C1 and C2 tyres.
Appendix 3 for C3 tyres.

Tyre Size List

Tyre Type Information

Tyre class (C1/C2/C3)	C3
Tyre structure (radial/diagonal/bias-belted)	radial
Category of use (normal/snow/special)	snow
Tyre for use in severe snow conditions (yes/no)	yes
Ice grip tyre (yes/no, C1 tyres only)	-
Traction tyre (yes/no, C2 & C3 tyres only)	no
Brand name(s) & trade description(s)	MATADOR, F HR 4 MATADOR, F HR 4+

Representative Tyres' Test Information

	Prefix	Tyre Width	Aspect Ratio	Rim Diameter	Suffix	Report Number	Result	Marking
Test Size for Rolling Sound Emission		385	/ 55	R 22.5		Q140111/07	70 db(A)	S2
Test Size for Wet Grip in new state		205	/ 75	R 17.5		WET2023D149016011_2310271341E4	Index: 1.1	W2
Test Tyre for Rolling Resistance		205	/ 75	R 17.5	124M no	6932356_RR117	5.7 N/kN	R3
Calculation of lowest Load Index (if applicable):		LI_lowest = 121						
Calculation of Wet Grip Index		G_B(C3) = 0.83 x 1.1 = 0.913					Index: 0.913	B
Test Size for Snow Grip (if applicable)		215.9	/ 85	R 17.5		SNO2023D1469941422_2307111438E4	Index: 1.7	

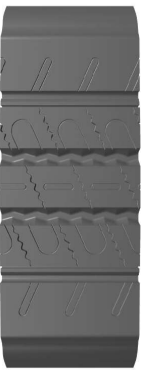
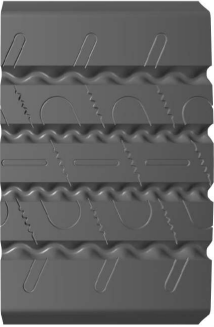
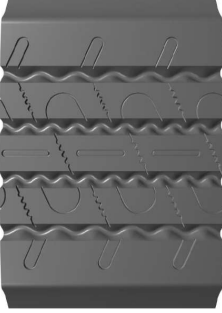
E4*117R04/00*14660*00

Jan-24

Tyre Size List

[illegible]

Data of the tread pattern

Brand	MATADOR	MATADOR	MATADOR	MATADOR
Pattern name	F HR 4	F HR 4	F HR 4	F HR 4
Tire size	385/55 R 22.5	315/60 R 22.5	215/75 R 17.5	8.5 R 17.5
Tyre class (C1, C2, C3)	C3	C3	C3	C3
Category of use (Normal, Snow, Special)	Snow	Snow	Snow	Snow
Other markings	M+S & Alpine Symbol	M+S & Alpine Symbol	M+S & Alpine Symbol	M+S & Alpine Symbol
Traction tyre or not (only for C2 and C3 tires)	—	—	—	—
Number of pitches per tyre, n_p	74	71	52	54
Pitch ratio	1:1	1:1	1:1	1:1
Void to fill ratio, R_{void} [%]	16.4	16.5	16.2	20.8
Number of main grooves #	5	4	4	4
(Main groove) tread depth, d_{tr} [mm]	13.5	13	12.3	12.3
Shoulder groove depth [mm]	13.5	13	12.3	12.3
Definition of "traction tyre" as per paragraph	not applicable	not applicable	not applicable	not applicable
The tread pattern contains at least to circumferential ribs each with at least 30 block-like elements (only for traction definition as per 6.6.1)	not applicable	not applicable	not applicable	not applicable
Total number of traction elements as per 6.6.2.2., n_{TE}	Not applicable	Not applicable	Not applicable	Not applicable
Deformation potential as per 6.6.2.1., P_{def}	Not applicable	Not applicable	Not applicable	Not applicable
Minimum number of traction elements n_{TE} required to fulfill definition of "traction tyre"	Not applicable	not applicable	Not applicable	Not applicable
Condition for "traction tyre" fulfilled?	Not applicable	Not applicable	Not applicable	Not applicable
Condition for "special use tyre" according to para. 6.7. fulfilled?	Not applicable	Not applicable	Not applicable	Not applicable
Pattern:				

Approval Number:

E4*117R04/00*14660*00

E4*117R04/00*14660*00

E4*117R04/00*14660*00

E4*117R04/00*14660*00

Drawing Number.:

6651.02.00

6581.05.01

6661.01.02

6661.06.02

Date:

31.01.2024

31.01.2024

31.01.2024

31.01.2024

THE NETHERLANDS
(N E D E R L A N D)

COMMUNICATION

Concerning ⁽¹⁾:

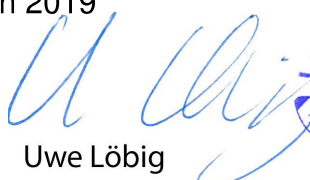
- ~~- approval granted~~
- approval extended
- ~~- approval refused~~
- ~~- approval withdrawn~~
- ~~- production definitely discontinued~~

of a type of tyre with regard to 'rolling sound emission level' and/or 'adhesion performance on wet surfaces' and/or 'rolling resistance' pursuant to Regulation number 117.

Approval number: E4*117R02/09*10347*01

- | | | |
|------|---|---|
| 1. | Manufacturer's name and address | : Continental Reifen Deutschland GmbH
Vahrenwalder Str. 9
D-30165 Hannover |
| 2. | If applicable, name and address of manufacturer's representative | : Not applicable |
| 3. | 'Tyre class' and 'category of use' of the type of tyre | : class C1/class C2/class C3 ⁽¹⁾
Normal/Snow/Special ⁽¹⁾ |
| 3.1. | Snow tyre for use in severe snow conditions | : yes /no ⁽¹⁾ |
| 3.2. | Traction tyre | : yes /no ⁽¹⁾ |
| 4. | Tyre type designation | |
| 4.1. | Brand name(s)/trademark(s) of the type of tyre | : MATADOR |
| 4.2. | Trade description(s)/Commercial name(s) of the type of tyre | : FU 1 |
| 5. | Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity tests | : Continental Reifen Deutschland GmbH
Vahrenwalder Str. 9
30165 Hannover
Germany |



6. Performance(s) approved : sound level at (~~stage 1~~/stage 2)⁽¹⁾, wet adhesion level, rolling resistance level (~~stage 1~~/stage 2)⁽¹⁾
- 6.1. Sound level of the representative tyre size, see Paragraph 2.5. of Regulation number 117, as per item 7. of the test report in the appendix 1 to Annex 3: 70 dB(A) at reference speed of 70/~~80~~ km/h⁽¹⁾.
- 6.2. Wet adhesion level of the representative tyre size, see Paragraph 2.5. of Regulation number 117, as per item 7. of the test report in the appendix to Annex 5: 1,03 (G) using the vehicle ~~or trailer~~ method⁽¹⁾.
- 6.3. Rolling resistance level of the representative tyre size, see paragraph 2.5. of Regulation number 117, as per item 7. of the test report in the appendix 3 to Annex 6: 6,0 N/kN.
- 6.4. Snow grip level of the representative tyre size, see paragraph 2.5. of Regulation No. 117, as per item 7. of the test report in the appendix⁽²⁾ to Annex 7: SI = 1,31 (Snow grip index) using the ~~brake on snow method⁽⁴⁾, spin traction method⁽⁴⁾ or acceleration method⁽¹⁾~~.
7. Number of report issued by that service : 2019_014
WET2017D1230971616
13-0401
SNO2018D125838113_180717
8. Date of report issued by that service : 05 March 2019
05. May 2017
4. December 2014
17. July 2018
9. Reason(s) of extension (if applicable) : Tyre Size Designation added
10. Any remarks : -
11. Place : Zoetermeer
12. Date : 28 March 2019
13. Signature : 

Uwe Löbig
14. Annexed to this communication are:
- 14.1. A list of documents in the approval file deposited at the Type Approval Authorities having delivered the approval and which can be obtained upon request⁽³⁾.
- 14.2. A list of tyre size designations: Specify for each brand name/trademark and/or each trade description/Commercial name the list of tyre size designations, adding in case of Class C1 tyres the mark 'reinforced' (or 'extra load') or the speed symbol of snow tyres or in the case of tyres of Classes C2 and C3, the mark 'traction', if so required by paragraph 3.1. of this Regulation.

⁽¹⁾ Strike out what does not apply.

⁽²⁾ Appendix 2 for C1 and C2 tyres.
Appendix 3 for C3 tyres.

⁽³⁾ In the case of 'snow tyre for use in severe snow conditions' a test report according to Appendix 2 of Annex 7 shall be submitted.

Tyre List

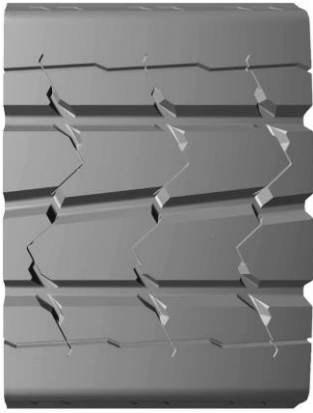
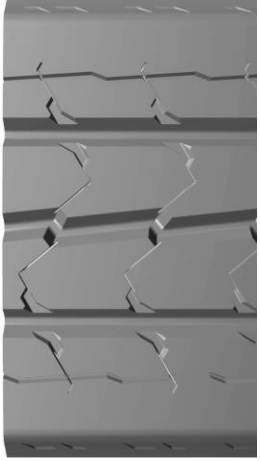
March 19

	Tyre Width	Aspect Ratio	Rim Diameter	Report Number	Result	Marking
Test Size for Road Noise (NCB)	295	/ 80	R 22.5 *	2019_014*	70 db(A)*	S2
Test Size for Wet	275	/ 70	R 22.5	WET2017D1230971616	Index: 1.03	W
Test Size for Snow	275	/ 70	R 22.5	SNO2018D125838113_180717	Index: 1.31	
Test Size for Rolling Resistance	275	/ 70	R 22.5	13-0401	6.0 N/kN	R2
Load Index of Tyre tested for Rolling Resistance	148					

All sizes mentioned below are covered by this approval.

List of Covered Tyre Sizes							
Size	Service Description	Additional Service Description	Category of Use	Brand	Commercial Name	UNECE Approval Number	New
275/70 R 22.5	148/145J	152/148E	SNOW	MATADOR	FU1	E4-54R-0030053	
295/80 R 22.5	152/148J		SNOW	MATADOR	FU1	Certificate pending	*



Data of the tread pattern			
Manufacturer name	MATADOR	MATADOR	
Pattern name	FU 1	FU 1	
Tire size	275/70 R22.5	295/80 R22.5	
Tyre category*	C1 / C2 / C3	C1 / C2 / C3	
Category of use*	normal / snow** / special	normal / snow** / special	
other markings**	M+S / EI / MPI / ML / Alpine Symbol	M+S / EI / MPI / ML / Alpine Symbol	
Traction tyre or not*	TRACTION	TRACTION	
Professional Off Road tyre or not*	POR	POR	
Pitch number	54	59	
Pitch ratio	1.000 : 1.255 : 1.425 : 1.553	1 : 1	
Void to fill ratio [%]	21,5	20	
Number of main grooves #	3	3	
Tread depth [mm]	17,8	20	
Shoulder groove depth [mm]	8	9	
Pattern:			

* Strike out what does not apply

** Test report provided, when marked with **Three Peak Mountain Snow Flake**



Approval-Marking:

Drawing No.:

Date:

E4*117R02/09*10347*00

6443.33

05.12.2018

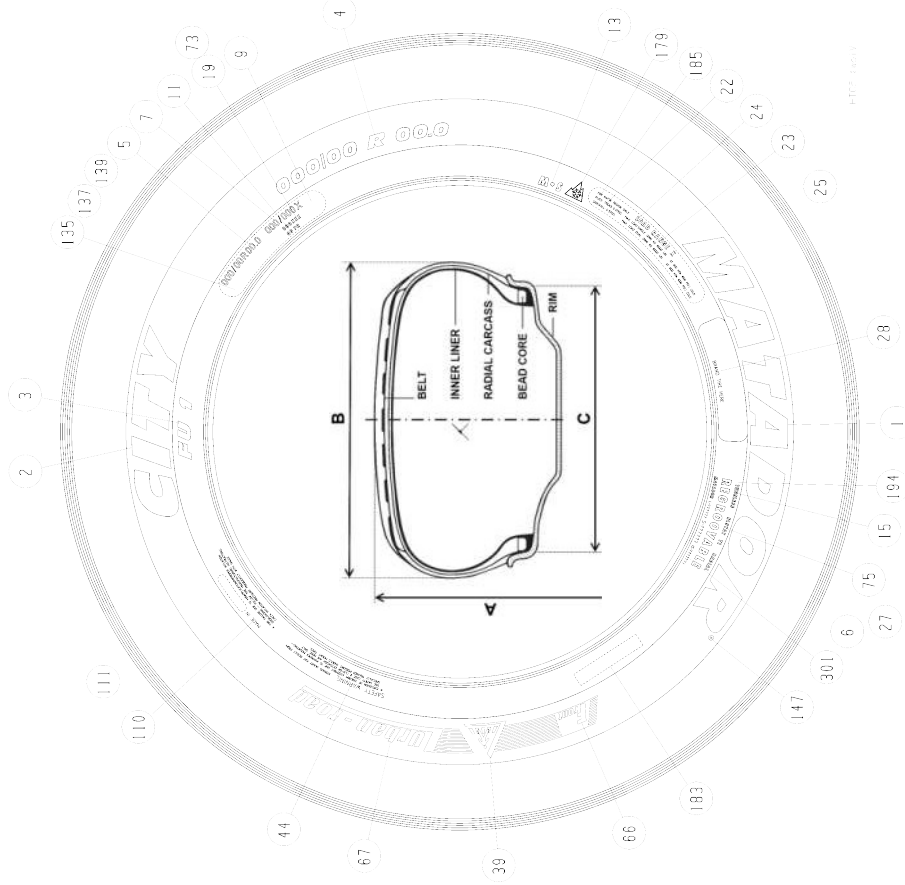
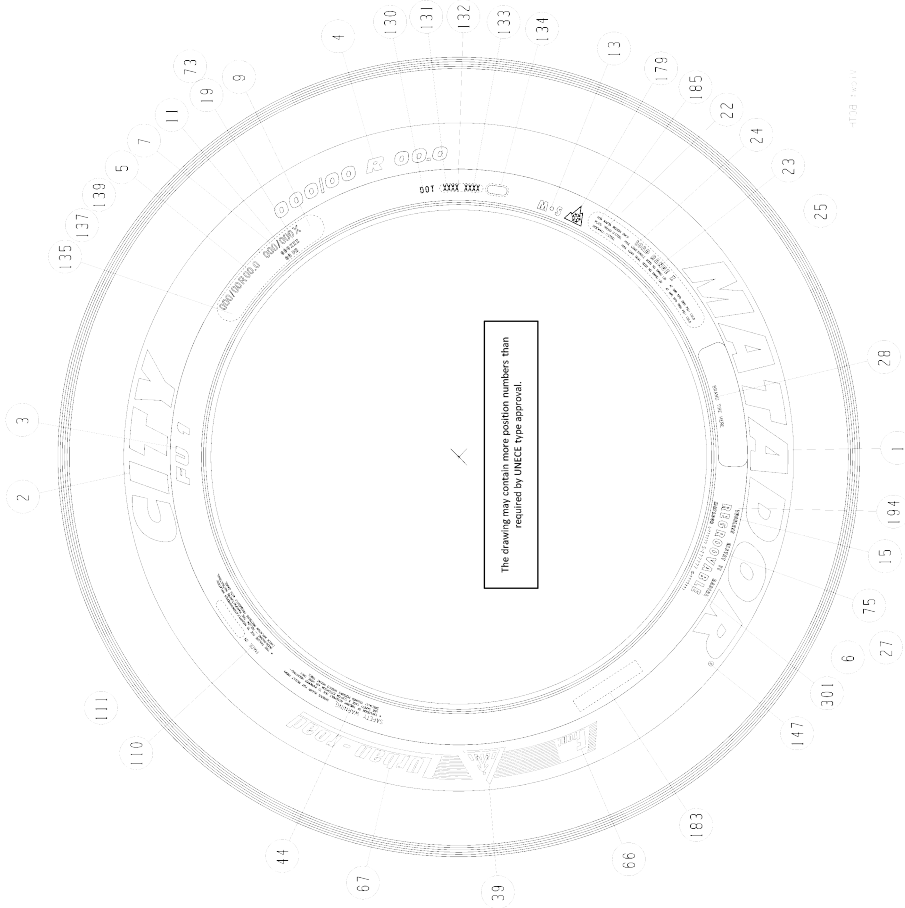
E4*117R02/09*10347*01

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12.03.2019

Serial Side (SS)

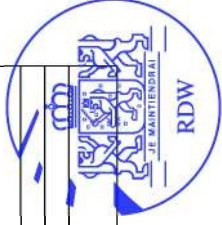
Off Serial Side (OSS)



Position	Description	min height	Tire Side	TSL Content
1/194	Brand Name (Trade mark)		both	MATADOR
2 or 3	Trade description (Commercial name)		both	CITY FU 1
4	Tire size designation	>6 (or 9)	both	275/70 R 22.5
6	Structure	>4 mm	both	RADIAL
7 or 8	Service description (LI / SSY)	>6 mm	both	148/145 J
9 or 10	Additional service description	>6 mm	both	152/148 E
13 or 14	"M+S" (or "M.S" or "M&S")		both	M+S
15	Tube type / Tubeless		both	TUBELESS
17	Extra Load or Reinforced	>6 mm	both	
19	PSI index	>2 mm	both	
27	Regroovability	>12,7 mm	both	
32	"TEMPORARY USE ONLY"	>12,7 mm	both	
34	"INFLATE TO 420 kPa (60 PSI)"	>12,7 mm	both	
73	Test Inflation Pressure in kPa	>2 mm	both	900
78	Mark for special use tires	>4 mm	both	
79	"TRACTION"	>4mm	both	

Design Dimensions				(calculated / Annex 5)	
Overall diameter	A (mm)				958
Section Width	B (mm)				276
Measuring rim	C (Rim Code)				8.25x22.5
Approval No.	E4*117R02/09*10347*00				
Name:	D. Schoenfelder				
Drawing No.:	1				
Date:	12/5/18 10:54 AM				

If Pos 78 is used	Tread depth
	Surface void/ fill ratio
If Pos 79 is used	Number of circumferential ribs
	Number of block-like elements
	Depth of lateral grooves/sipes >=50%of main groove depth?



Continental

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RDW

Vehicle Technology Division



THE NETHERLANDS
(N E D E R L A N D)



COMMUNICATION

Concerning ⁽¹⁾ :

- approval granted
- ~~- approval extended~~
- ~~- approval refused~~
- ~~- approval withdrawn~~
- ~~- production definitely discontinued~~

of a type of pneumatic tyre for motor vehicles pursuant to Regulation No. 54

Approval number: **E4-54R-0030053**

Extension number 00

- | | |
|---|--|
| 1. Manufacturer's name or trade mark(s) on the tyre type | : Continental |
| 2. Tyre type designation by the manufacturer | : Matador, City FU 1 |
| 3. Manufacturer's name and address | : Continental Reifen Deutschland GmbH
Vahrenwalder Str. 9
30165 Hannover |
| 4. If applicable, name and address of the manufacturer's representative | : not applicable |
| 5. Summarized description | : |
| 5.1 Size of tyre | : 275/70 R 22.5 |
| 5.2 Category of use | : normal / special / snow |
| 5.3 Structure | : diagonal(bias ply) / radial |
| 5.4 Tyre class | : E2 / C3 ⁽¹⁾ |
| 5.5 Speed category symbol | : |
| 5.5.1 nominal | : J |
| 5.5.2 additional (if applicable) | : E |



P.O. Box 777
2700 AT Zoetermeer
The Netherlands

Tel.
Fax

+ 31 (0)79 345 81 43
+ 31 (0)79 345 80 43
www.rdw.nl

Vehicle Approval and Information

Approval number: E4-54R-0030053

Extension number 00

5.6. Load-Capacity indices: :

5.6.1. Corresponding to nominal speed

- single : 148
- twinned (dual) : 145

5.6.2. Corresponding to additional speed

- single : 152
- twinned (dual) : 148

6. Technical Service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity

Continental Reifen Deutschland GmbH
Vahrenwalder Str. 9
: 30165 Hannover

7. Date of report issued by that service : 08.12.2014

8. Number of report issued by that service : 4338508

9. Reason(s) of extension (if applicable) : -

10. Any remarks : -

11. Place : Zoetermeer

12. Date : 15-DEC-2014

13. Signature :

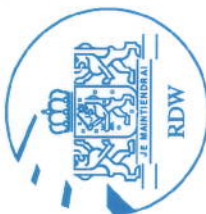
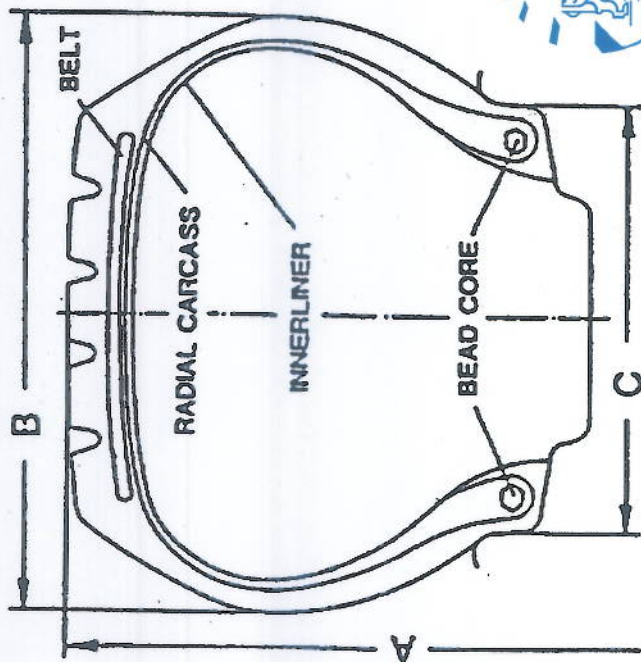


R.F.R. Clement

14. Annexed to this communication is a list of documents in the approval file deposited at the administrative service having delivered the approval and which can be obtained upon request.

- Application form relating to ECE approval for a pneumatic tyre pursuant to Regulation number 54.
- The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
- The test report as mentioned in item 8.

(1) Strike out what does not apply.

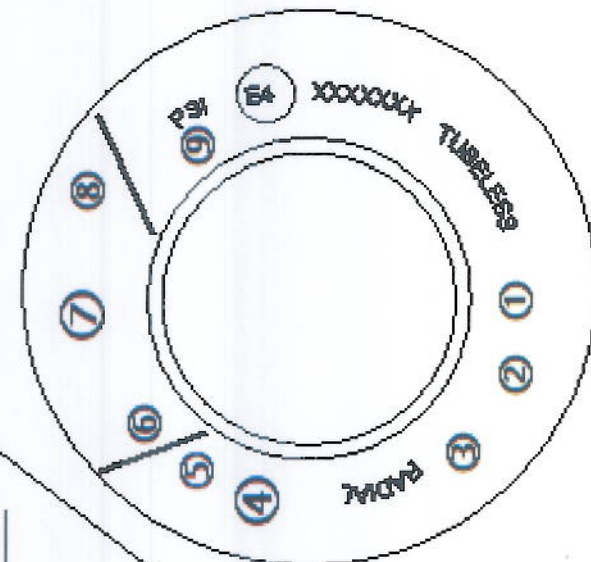


APPROVAL MARK

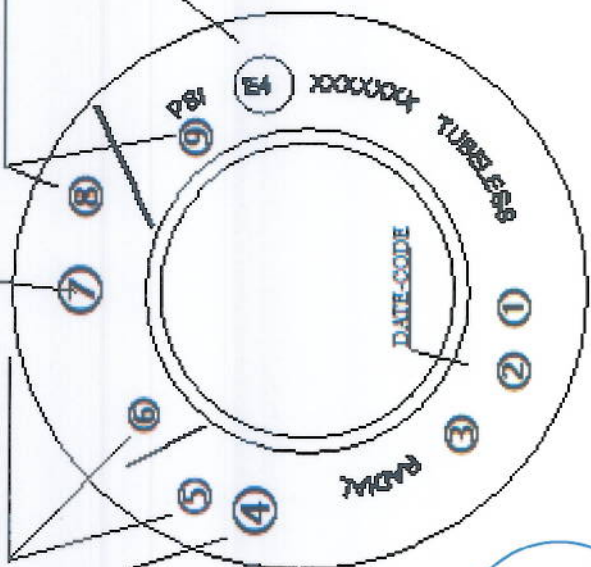
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LOAD INDEX (No.)

LOAD INDEX (Sup.)

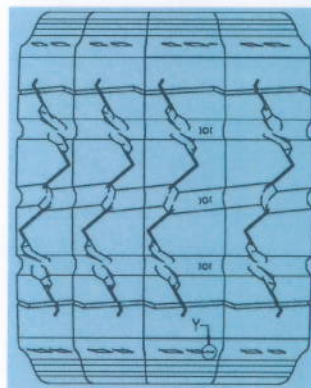


2nd Sidewall



1st Sidewall

6443.33



3	275/70 R 22.5 M+S	4	5	6	7	8	9	X	X	958	276	8.25Jx22.5	
		J	single	148	145	E	152						148
SS	Load Index	SS	Load Index	TL	TT	A	B	C					
Tire Size		Nominal		Supplementary		Tyre Type		Checked:		A. Menzel			
Category of use marking (if applicable)		MATADOR		Drawing-No.:		Date:		10.12.2014		A. Menzel			
Brand name		1		0030053		10.12.2014		A. Menzel		A. Menzel			
Tyre type		2		CITY		FU 1		10.12.2014		A. Menzel			
Designation										A. Menzel			