

Statement manufacturer and authorization regarding application

This statement must only be sent with new "00" applications. This applies to both the statements that the application has not been submitted to another authority and the authorization of the applicant. If the authorized party is changed in the meantime (i.e. in case of an extension or correction request), this declaration must be filled in again.

1 **EC & UNECE type-approval number** : E4*117R02/14*11397*03

2 ☒ **Manufacturer/** ☐ **Manufacturer's representative** ⁽¹⁾

3 **Company name** : ZODO TIRE CO., LIMITED.

4 **Name authorized person** : Ren Hailong

5 **Job title** : Manager

6 **E-mail address** : 295512669@qq.com

7 **Address manufacturer** : The South of Yalujiang Road, Wenzhuang Village, Qinghe Agency of Cao County Heze City, Shandong Province 274400

8 **Country** : China(PRC)

9 **Statement**

10 **Hereby** : Ren Hailong ,

11 **declares on behalf of**
the manufacturer : ZODO TIRE CO., LIMITED. ,

12 **for the application with**
type-approval number : E4*117R02/14*11397*03 ,

13 **the following:**

14 a) the manufacturer has not applied for an EC & UNECE type-approval for the same type to any other approval authority, and no other approval authority granted the manufacturer such an approval;

15 b) no approval authority has refused to grant type-approval of that type;

16 c) no approval authority has withdrawn type-approval of that type;

17 d) the manufacturer has not revoked an application for a type-approval of that type.

18 **Authorization regarding handling of this application (if applicable)** ⁽²⁾

19 **Company name** : TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

20 **E-mail address** : Yunmeng.lv@tuvsud.com

21 **Address** : 3-13, No.151 Heng Tong Road, 200070, Shanghai

22 **Country** : China

23 **Authorization**

24 **By means of this**
declaration, I

: Ren Hailong ,

25 **on behalf of** : ZODO TIRE CO., LIMITED. ,

26 **authorizes** : TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch ,

27 **to respectively apply for a type-approval with type-approval number:**

E4*117R02/14*11397*03 ,

28 **handle all communication concerning this application and receive the type-approval certificate.**

29 **Date**

Place

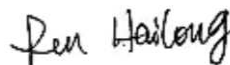
Name:

30 May 22, 2023

Heze City, China

ZODO TIRE CO., LIMITED.

31

On their behalf, signature : 

32

Name : Ren Hailong

⁽¹⁾ Mark the specific checkbox.

⁽²⁾ This authorization only concerns the application procedure and all activities that are directly or indirectly related to this procedure. If and insofar as other procedures, including the lodging of objections, are deemed necessary, a new authorization must be submitted in respect of that specific procedure.



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.

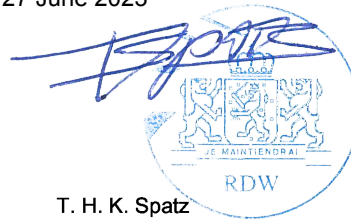
Approval number ⁽²⁾: E4*117R02/14*11397*03**Suffix(es) ⁽³⁾: 02S2WR2**

1. Manufacturer's name and address : ZODO TIRE CO., LIMITED.
The South of Yalujiang Road, Wenzhuang
Village, Qinghe Agency of Cao County, Heze
City, Shandong Province 274400, China (PRC)
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~~
- 4.1. Snow 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~~
6. Type of tyre designation :
- 6.1. Brand name(s)/trademark(s) of the
type of tyre : GRENLANDER or ARIVO or ILINK or
LUXXAN or CRYSTAL or ROCKBLADE or
FRONWAY or XBRI or ROADMARCH or
ZMAX or XCENTWAY or ADERENZA or
CONCEPTA or SAILWIN or SONIX

- 6.2. Trade description(s)/commercial name(s) of the type of tyre : MAHO 79 or POWERCITY 79 or ROADPOWER H/T 79 or SAILKING H/T 79 or TRAVERSO ARV H/T or INSPIRER F6 or ROCK 719 H/T or PRIMEMARCH H/T 79 or GALLOPRO H/T or Fortuner 801 or ENDURANCE H/T D2
7. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity tests : TÜV SÜD Auto Service GmbH
Westendstraße 199
D-80686 München
8. Performance(s) approved : sound level at (~~stage 1~~/stage 2)⁽¹⁾, wet adhesion level, rolling resistance level (~~stage 1~~/stage 2)⁽¹⁾
- 8.1. Sound level of the representative tyre size(285/50R20 116VXL), 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 the representative tyre size(285/60R18 116H), see paragraph 2.7. of this Regulation, as per the test report examples shown in the appendix to Annex 5: 1.38 (G) using the vehicle or ~~trailer~~-method⁽¹⁾.
- 8.3. Rolling resistance level of the representative tyre size(215/60R17 96H), see paragraph 2.7. of this Regulation, as per item 7. of the test report in Appendix 1 to Annex 6: 8.17 N/kN
- 8.4. 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⁽⁴⁾ to Annex 7: ...(Snow grip index) using the brake on snow method⁽¹⁾, spin traction method⁽¹⁾ or acceleration method⁽¹⁾.
- 8.4.1. 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:.....(ice grip index) using the brake on ice method⁽¹⁾.
9. Number of report issued by that service : CN20121186;
23-01596-CX-SHA-00
10. Date of report issued by that service : 2020-12-28;
2023-06-08
11. Reason(s) of extension (if applicable) :
Addition of trade mark and tyre size;
Delete trade mark;
Change of technical service;
Upgrade UN-Reg.117-02 to Suppl.14
12. Any remarks : Wet grip test in the test report part based on the test procedures in Annex 5 of Supplement 12 to the 02 series of amendments to this Regulation.



13. Place : Zoetermeer
14. Date : 27 June 2023
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 ⁽³⁾.
- 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.

⁽³⁾ In the case of "snow tyre for use in severe snow conditions" a test report according to Appendix 2 or Appendix 3, as applicable, to Annex 7 shall be submitted

⁽⁴⁾ Appendix 2 for C1 and C2 tyres.
Appendix 3 for C3 tyres.

Test report No.: 23-01596-CX-SHA-00
Manufacturer: ZODO TIRE CO., LIMITED.
Type: MAHO 79



Test Report

No.: 23-01596-CX-SHA-00

Test of a type of component
with regard to UN/ECE Regulation No.

117

including all amendments up to
supplement 14 to the 02 series

Approval subject:

pneumatic tyres

**with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to
rolling resistance**

Stage of completion:

N/A

Approval status	
☐	Granting of a type approval
☒	Extension/ correction to type approval no. : E4*117R02/11*11397*02

Test report No.: 23-01596-CX-SHA-00
Manufacturer: ZODO TIRE CO., LIMITED.
Type: MAHO 79



I. General

Name and address of manufacturer : ZODO TIRE CO., LIMITED.
The South of Yalujiang Road, Wenzhuang Village,
Qinghe Agency of Cao County, Heze City,
Shandong Province 274400, China (PRC)

Brand name(s)/trademark(s) : GRENLANDER or ARIVO or ILINK or
LUXXAN or CRYSTAL or ROCKBLADE or
FRONWAY or XBRI or ROADMARCH or
ZMAX or XCENTWAY or ADERENZA or
CONCEPTA or SAILWIN or SONIX

Trade description (s)/Commercial
name(s) : MAHO 79 or POWERCITY 79 or ROADPOWER
H/T 79 or SAILKING H/T 79 or TRAVERSO
ARV H/T or INSPIRER F6 or ROCK 719 H/T or
PRIMEMARCH H/T 79 or GALLOPRO H/T or
Fortuner 801 or ENDURANCE H/T D2

Name and address of representative: : Not applicable

Tyre class: : C1/~~C2~~/C3

Category of use : ~~Normal/snow(snow tyre for use in severe snow
conditions)/special~~

Location of the approval mark: : On the sidewall

II. Test results

Refer to the Annex II

III. Enclosures

Information document No. 0211397-S2WR2-03 dated 2023-05-22 (yyyy-mm-dd)

IV. Statement of conformity



Auto Service

Test report No.: 23-01596-CX-SHA-00
Manufacturer: ZODO TIRE CO., LIMITED.
Type: MAHO 79

The mentioned information folder and the type described therein are in accordance with the test basis mentioned above. Sampling plan or method result from the requirements of the test basis. The worst-case configuration was selected in accordance with process description "Requirements for Test Reports (AS-PB-T-02)". Valid decision rule in accordance with ILAC G8:2019, 4.2.1: in question of meeting the limits the measurement uncertainty was ignored.

The manufacturer is responsible for the information (III.) and the test specimens provided by him. The test results relate only to the test specimens as received and mentioned (II.). The test specimens are representative for the type described (III.).

The test report may be reproduced and published in full and by the client only. It can be reproduced partially with the written permission of the test laboratory only.

TÜV SÜD Auto Service GmbH is designated as Technical Service by:

Approval authority	Country	Registration number
Kraftfahrt-Bundesamt (KBA)	Germany	KBA-P 00100-10
Vehicle Certification Agency (VCA)	United Kingdom	VCA-TS-006
Approval Authority of the Netherlands (RDW)	The Netherlands	RDWT-082-xx
National Standards Authority of Ireland (NSAI)	Ireland	Technical Service Number: 49
Société Nationale de Certification et d'Homologation. (SNCH)	Luxembourg	13/B(g)
Swedish Transport Agency (STA)	Sweden	TT 0024

München, 2023-06-08 (yyyy-mm-dd)



Xiaopeng Li

Test report No.: 23-01596-CX-SHA-00
Manufacturer: ZODO TIRE CO., LIMITED.
Type: MAHO 79



Annex I Reason of Extension

Correction of : ---

Modification of : Change of technical service
Upgrade UN-Reg.117-02 to Suppl.14

Addition of : Trade mark and tyre size

Deletion of : Trade mark

Annex II Test results

1. Worst case selection and test results

Tire size for rolling sound emission:	285/50R20 116VXL:70 dB(A)
Because of:	The largest nominal section width The lowest aspect ratio
Tire size for wet grip:	285/60R18 116H: 1.38 G
Because of:	The wet grip test result of 285/60R18 116H is G=1.38, which is 110% above the limit value of ECE R117.
Tire size for rolling resistance:	215/60R17 96H: 7.795 N/kN
Because of:	The lowest load index
Tire size for snow grip:	N/A
Because of:	N/A

2. Rolling sound emission test

2.1. Description of the test object

Trade mark and tread pattern:	ILINK / POWERCITY 79
Tyre type:	285/50R20 116VXL
Category of use	Normal/snow (snow tyre for use in severe snow conditions)/special
Structure:	Diagonal/bias belted /radial/run flat tyre
Indication:	Tubeless/ tube type
Indication:	Standard /reinforced/ T-type temporary use spare tyre
Date code of manufacture:	3120

2.2./2.3 Test conditions/ Test results:

The extension has no negative influence to the test results for rolling sound emission in approval with No. E4*117R02/11*11397*02 and the relevant test report with CN20121186 was issued by IDIADA Automotive Technology,S.A. Therefore, the results are remaining valid.

3. Wet grip

3.1. Description of the test object

Trade mark and tread pattern:	GRENLANDER / MAHO 79
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Test report No.: 23-01596-CX-SHA-00
Manufacturer: ZODO TIRE CO., LIMITED.
Type: MAHO 79

Tyre type: 285/60R18 116H
Category of use: ~~Normal/snow~~(snow tyre for use in severe snow conditions)/~~special~~
Structure: ~~Diagonal/bias belted~~/radial/run flat tyre
Indication: Tubeless/tube type
Indication: Standard/~~reinforced~~/
~~T-type temporary use spare tyre~~
Date code of manufacture: 1120

3.2./3.3 Test conditions/ Test results:

The extension has no negative influence to the test results for wet grip in approval with No. E4*117R02/11*11397*02 and the relevant test report with CN20121186 was issued by IDIADA Automotive Technology,S.A. Therefore, the results are remaining valid.

4. Rolling resistance

4.1. Description of the test object

Trade mark and tread pattern: GRENLANDER / MAHO 79
Tyre type: 215/60R17 96H
Category of use: ~~Normal/snow~~(snow tyre for use in severe snow conditions)/~~special~~
Structure: ~~Diagonal/bias belted~~/radial/run flat tyre
Indication: Tubeless/tube type
Indication: Standard/~~reinforced~~/
~~T-type temporary use spare tyre~~
Date code of manufacture: 1220

4.2./4.3 Test conditions/ Test results:

The extension has no negative influence to the test results for rolling resistance in approval with No. E4*117R02/11*11397*02 and the relevant test report with CN20121186 was issued by IDIADA Automotive Technology,S.A. Therefore, the results are remaining valid.

5. **Remarks concerning extension** : Not applicable

RELATING TO ECE TYPE-APPROVAL FOR A TYPE OF TYRE WITH REGARD TO ROLLING SOUND EMISSIONS AND TO ADHESION PERFORMANCE ON WET SURFACES AND/OR TO ROLLING RESISTANCE (ECE Regulation No. 117. 02, Supplement 14)

1. GENERAL

- 1.1. The performance characteristics to be assessed for the tyre type : Rolling sound emission level and adhesion performance level on wet surfaces and rolling resistance
- 1.2. Manufacturer's name : ZODO TIRE CO., LIMITED
- 1.3. Name and address of applicant : The South of Yalujiang Road, Wenzhuang Village Qinghe Agency of Cao County Heze City, Shandong Province 274400 China(PRC)
- 1.4. Address(es) of manufacturing plant(s) : same with the applicant
- 1.5. Brand name(s), Trade description(s) or Trade mark(s) to be used for particular tyre type-approval requested : Brand name :GRENLANDER; ARIVO; ILINK; LUXXAN; CRYSTAL; ROCKBLADE; FRONWAY; XBRI; ROADMARCH; ZMAX; XCENTWAY; ADERENZA; CONCEPTA; SAILWIN; SONIX; Tread pattern : MAHO 79; POWERCITY 79; ROADPOWER H/T 79; SAILKING H/T 79; TRAVERSO ARV H/T; INSPIRER F6; ROCK 719 H/T; PRIMEMARCH H/T 79; GALLOPRO H/T; Fortuner 801; ENDURANCE H/T D2;

2. Tyre

- 2.1. Tyre classification (class C1, C2, C3) : Class C1 / ~~Class C2~~ / ~~Class C3~~
- 2.2. Section width range for class C1 tyres : see attached "list of tyre size"
- 2.3. Tyre structure : ~~diagonal~~ / ~~bias belted~~ / radial
- 2.4. For Class C1 tyres, state weather :
- 2.4.1. Reinforced (or extra load) in case of approval with regarding to rolling sound emission level : see attached "list of tyre size"
- 2.4.2. Speed category symbol "Q" or below (not including "H") or "R" and above (including "H") in case of snow tyres for approval with regarding to adhesion on wet surfaces : not applicable
- 2.5. For Class C2 or C3 tyres, state weather "Traction tyre" : ~~Yes~~ / No
- 2.6. Category of use (normal, snow, special) : ~~normal~~ / snow (~~snow tyre for use in severe snow conditions~~) / ~~special~~
- 2.7. A list of tyre designations covered by this application : see attached "list of tyre size"
- 2.8. Details of major features, with respect to the effects on tyre performance (i.e. rolling emission level or adhesion on wet surfaces, respectively) of the tread pattern(s) to be used on the designated range of tyre sizes. : see attached "drawing of tread pattern"
- 2.9. In the case of "special use tyre", drawing of the tread pattern supplied in order to verify the void-to-fill ratio. : not applicable
- 2.10. Submitted for approval on (date) : May 22, 2023

MANUFACTURER'S STAMP



Signature :

Ren Hailong

Name: Ren Hailong

THIS APPLICATION IS ACCOMPANIED BY:

- List of tyre size
- Drawing of tread pattern
- The test report

List of tyre size

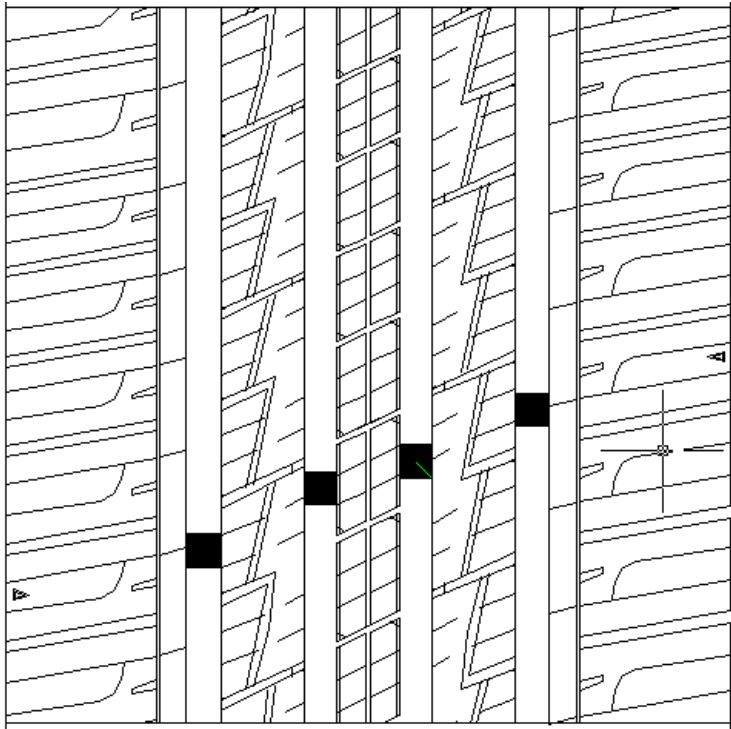
Brand name(s) or Trade mark(s)	: GRENLANDER; ARIVO; ILINK; LUXXAN; CRYSTAL; ROCKBLADE; FRONWAY; XBRI; ROADMARCH; ZMAX; XCENTWAY; ADERENZA; CONCEPTA; SAIL WIN; <u>SONIX</u> ;
Tread pattern	: MAHO 79; POWERCITY 79; ROADPOWER H/T 79; SAILKING H/T 79; TRAVERSO ARV H/T; INSPIRER F6; ROCK 719 H/T; PRIMEMARCH H/T 79; GALLOPRO H/T; Fortuner 801; ENDURANCE H/T D2

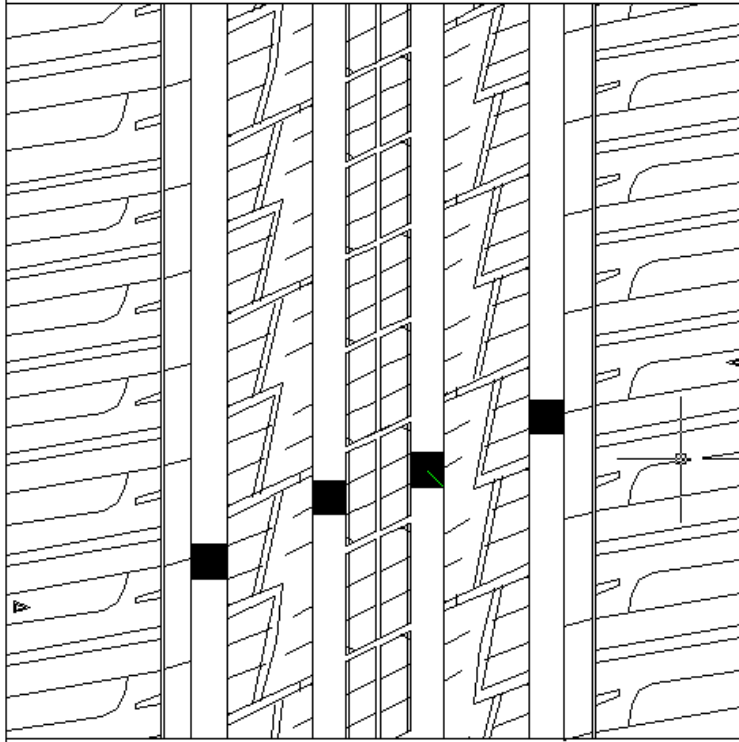
Tyre size	Approval No.	Limit for rolling sound dB(A) of Stage II	Limit for wet grip index	Limit for rolling resistance coefficient N/KN of Stage II
215/70R16 100H	E4-02104183	71dB(A)	1.1	10.5
225/70R16 107HXL	E4-02122434	72dB(A)	1.1	10.5
235/70R16 106H	E4-02104181	71dB(A)	1.1	10.5
245/70R16 107H	E4-02122435	71dB(A)	1.1	10.5
245/70R16 111HXL	E4-02109488	72dB(A)	1.1	10.5
255/70R16 111T	E4-02117831	72dB(A)	1.1	10.5
265/70R16 112T	E4-02102185	72dB(A)	1.1	10.5
215/65R16 98H	E4-0298353	71dB(A)	1.1	10.5
225/65R17 102H	E4-0299162	71dB(A)	1.1	10.5
235/65R17 104H	E4-02114293	71dB(A)	1.1	10.5
275/70R16 114T	E4-02122436	72dB(A)	1.1	10.5
265/70R17 115T	E4-02115912	72dB(A)	1.1	10.5
255/70R18 113T	E4-02122442	72dB(A)	1.1	10.5
265/70R18 116T	E4-02122444	72dB(A)	1.1	10.5
245/65R17 111HXL	E4-02109492	72dB(A)	1.1	10.5
265/65R17 112H	E4-02104179	72dB(A)	1.1	10.5
275/65R17 115T	E4-02117832	72dB(A)	1.1	10.5
285/65R17 116T	E4-02117833	74dB(A)	1.1	10.5
235/65R18 110HXL	E4-02122441	72dB(A)	1.1	10.5
235/60R16 100H	E4-0298357	71dB(A)	1.1	10.5
215/60R17 96H	E4-02115922	71dB(A)	1.1	10.5
225/60R17 99H	E4-0299161	71dB(A)	1.1	10.5
235/60R17 102H	E4-02109491	71dB(A)	1.1	10.5
235/60R17 106HXL	E4-02122437	72dB(A)	1.1	10.5
255/60R17 110HXL	E4-02122438	73dB(A)	1.1	10.5
235/60R18 107HXL	E4-02104187	72dB(A)	1.1	10.5
245/60R18 105H	E4-02109497	71dB(A)	1.1	10.5
255/60R18 112HXL	E4-02109500	73dB(A)	1.1	10.5
265/60R18 110H	E4-02122443	72dB(A)	1.1	10.5
285/60R18 116H	E4-02115892	74dB(A)	1.1	10.5
225/55R18 98H	E4-02122439	71dB(A)	1.1	10.5
235/55R18 104HXL	E4-02122440	72dB(A)	1.1	10.5
245/55R19 107VXL	E4-02114322	72dB(A)	1.1	10.5
255/55R19 111VXL	E4-02104180	73dB(A)	1.1	10.5
255/50R19 107VXL	E4-02114326	73dB(A)	1.1	10.5
215/65R17 99V	E4-02104185	71dB(A)	1.1	10.5
235/65R19 109HXL	E4-02125238	72dB(A)	1.1	10.5

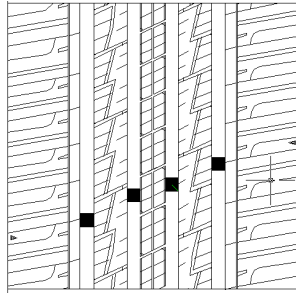
285/50R20 116VXL	E4-02100341	75dB(A)	1.1	10.5
255/65R16 109H	E4-02125239	72dB(A)	1.1	10.5
255/65R17 110H	E4-02125240	72dB(A)	1.1	10.5
225/60R18 104HXL	E4-02125241	72dB(A)	1.1	10.5
245/70R17 114T	E4-02125243	71dB(A)	1.1	10.5
275/60R18 117H	E4-02125249	72dB(A)	1.1	10.5
<u>235/60R19 107H XL</u>	<u>E4-02140682</u>	<u>72dB(A)</u>	<u>1.1</u>	<u>10.5</u>

Worst Case Selection

- Test size for rolling sound : 285/50R20 116VXL
- Because of : Largest section width (if the same section width: lowest aspect ratio; largest rim size)
- Test size for wet grip: : 285/60R18 116H
- Because of : Any tyre size that meets ten percent (10%) or more above the minimum required wet grip value can represent the whole tyre size range of the tread pattern type.
For any tyre size the limited value for the test tire is: 1.21
- Test size for rolling resistance : 215/60R17 96H
- Because of : Lowest load capacity index

Drawing of the tread pattern (for measured tyre using for tyre noise)		
Manufacturer name	:	ZODO TIRE CO., LIMITED
Pattern name	:	MAHO 79; POWERCITY 79; ROADPOWER H/T 79; SAILKING H/T 79; TRAVERSO ARV H/T; INSPIRER F6; ROCK 719 H/T; PRIMEMARCH H/T 79; GALLOPRO H/T; Fortuner 801; ENDURANCE H/T D2
Tyre Size	:	285/50R20 116VXL
Market	:	EU/US
Pitch number	:	33
Pitch ratio	:	0.9/1.0/1.1/1.2
Void volume [%]	:	35
Width: main grooves [mm]	:	14.5/13.5/13.5/14.5
Depth: center groove [mm]	:	8.8
Depth: shoulder groove [mm]	:	7.7
Tyre tread pattern	:	

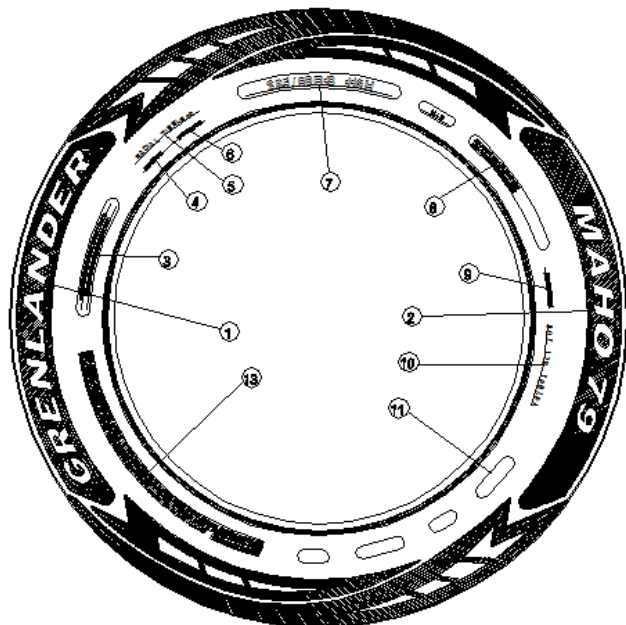
Drawing of the tread pattern (for measured tyre using for wet grip)		
Manufacturer name	:	ZODO TIRE CO., LIMITED
Pattern name	:	MAHO 79; POWERCITY 79; ROADPOWER H/T 79; SAILKING H/T 79; TRAVERSO ARV H/T; INSPIRER F6; ROCK 719 H/T; PRIMEMARCH H/T 79; GALLOPRO H/T; Fortuner 801; ENDURANCE H/T D2
Tyre Size	:	285/60R18 116H
Market	:	EU/US
Pitch number	:	33
Pitch ratio	:	0.9/1.1/1.2
Void volume [%]	:	35
Width: main grooves [mm]	:	13.4/12.4/12.4/13.4
Depth: center groove [mm]	:	8.8
Depth: shoulder groove [mm]	:	7.8
Tyre tread pattern	:	

Drawing of the tread pattern (for measured tyre using for tyre rolling resistance test)		
Manufacturer name	:	ZODO TIRE CO., LIMITED
Pattern name	:	MAHO 79; POWERCITY 79; ROADPOWER H/T 79; SAILKING H/T 79; TRAVERSO ARV H/T; INSPIRER F6; ROCK 719 H/T; PRIMEMARCH H/T 79; GALLOPRO H/T; Fortuner 801; ENDURANCE H/T D2
Tyre Size	:	215/60R17 96H
Market	:	EU/US
Pitch number	:	31
Pitch ratio	:	0.9/1.1/1.2
Void volume [%]	:	34
Width: main grooves [mm]	:	10.2/9.5/9.5/10.2
Depth: center groove [mm]	:	8.5
Depth: shoulder groove [mm]	:	7.5
Tyre mass [kg]	:	10.753
Tread depth [mm]	:	8.5
Tread width [mm]	:	166
Curvature radius of tread crown [mm]	:	600
Tyre outer diameter [mm]	:	690
Tread plies	:	2 POLYESTER 2 STEEL 1 NYLON
Tyre tread pattern	:	

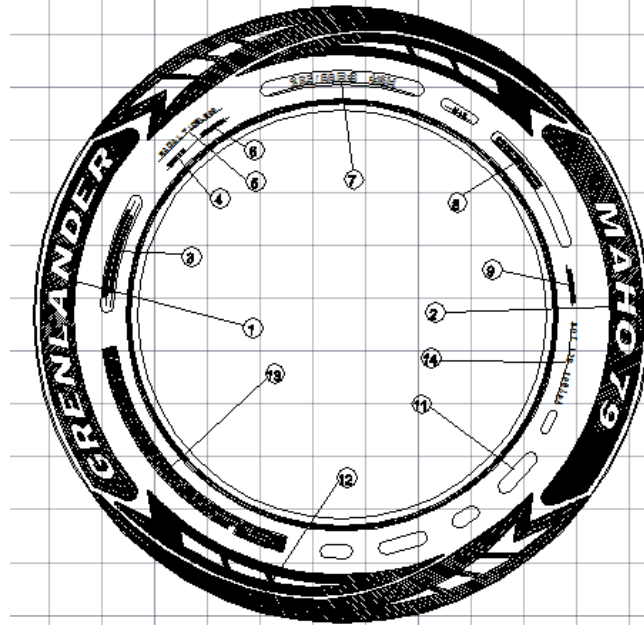
Drawing of the tyre sidewall

Tyre Size

: 285/50R20 116VXL



Upper mold



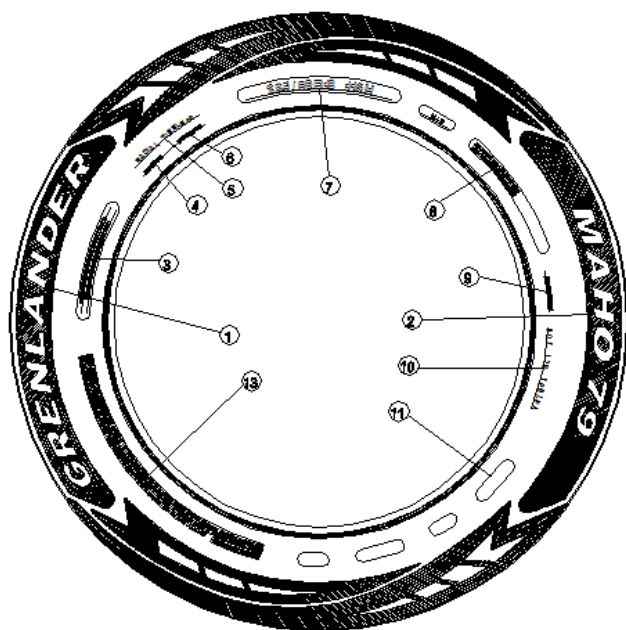
Lower mold

1. ILINK	1. ILINK
2. POWERCITY 79	2. POWERCITY 79
3. PLIES:TREAD 2POLYESTER+2STEEL+1NYLON SIDEWALL 2POLYESTER	3. PLIES:TREAD 2POLYESTER+2STEEL+1NYLON SIDEWALL 2POLYESTER
4. RIM:9J	4. RIM:9J
5. RADIAL TUBELESS	5. RADIAL TUBELESS
6. MOLD No.	6. MOLD No.
7. 285/50R20 116VXL M+S	7. 285/50R20 116VXL M+S
8. MAX. LOAD 1250 kg(2756 LBS) MAX. PRESS. 340 kPa(50 PSI) EXTRA LOAD	8. MAX. LOAD 1250 kg(2756LBS) MAX. PRESS. 340 kPa(50 PSI) EXTRA LOAD
9. MADE IN CHINA	9. MADE IN CHINA
10. DOT 17B TTKXPA	11. ECE APPROVAL MARK
11. ECE APPROVAL MARK	12. TREADWERA 420 TRACTION A TEMPERATURE A
13. SAFETY WARNING	13. SAFETY WARNING
	14. DOT 17B TTKXPA x x x x (DATE CODE)

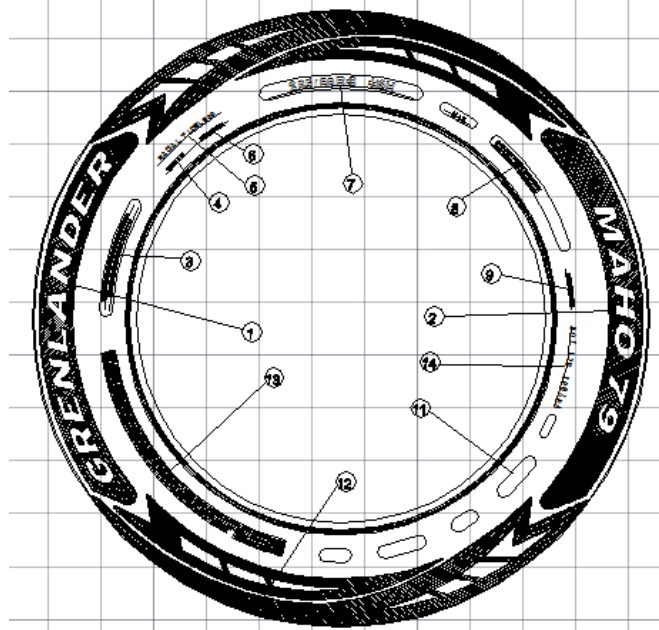
Drawing of the tyre sidewall

Tyre Size

: 285/60R18 116H



Upper mold



Lower mold

1. GRENLANDER

2. MAHO 79

3. PLIES:TREAD 2POLYESTER+2STEEL+1NYLON
SIDEWALL 2POLYESTER

4. RIM:8 1/2J

5. RADIAL TUBELESS

6. MOLD No.

7. 285/60R18 116H M+S

8. MAX. LOAD 1250 kg(2756 LBS)
MAX. PRESS. 300 kPa(44 PSI)

9. MADE IN CHINA

10. DOT 17B TPHXPA

11. ECE APPROVAL MARK

13. SAFETY WARNING

1. GRENLANDER

2. MAHO 79

3. PLIES:TREAD 2POLYESTER+2STEEL+1NYLON
SIDEWALL 2POLYESTER

4. RIM:8 1/2J

5. RADIAL TUBELESS

6. MOLD No.

7. 285/60R18 116H M+S

8. MAX. LOAD 1250 kg(2756LBS)
MAX. PRESS. 300 kPa(44 PSI)

9. MADE IN CHINA

11. ECE APPROVAL MARK

12. TREADWEAR 420 TRACTION A
TEMPERATURE A

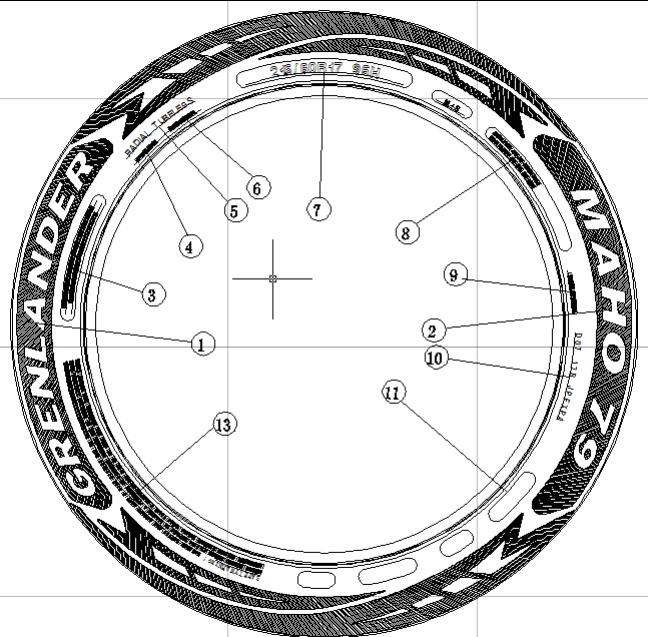
13. SAFETY WARNING

14. DOT 17B TPHXPA x x x x (DATE CODE)

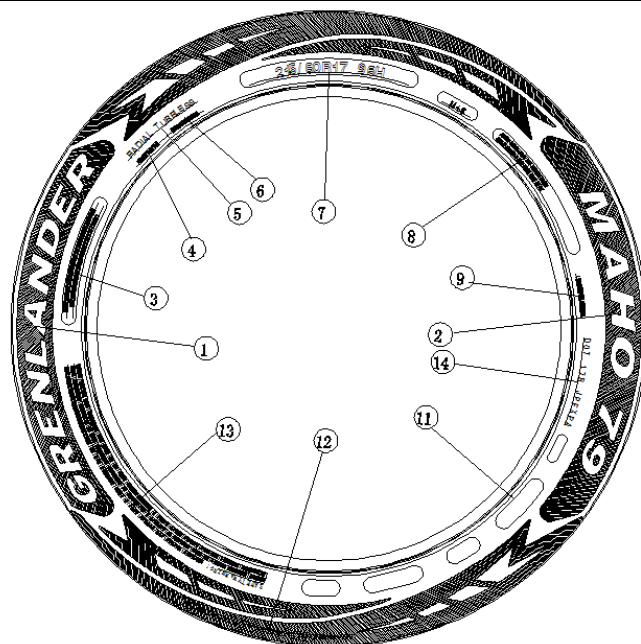
Drawing of the tyre sidewall

Tyre Size

: 215/60R17 96H



Upper mold



Lower mold

1. GRENLANDER

2. MAHO 79

3. PLIES: TREAD 2POLYESTER+2STEEL+1NYLON
SIDEWALL 2POLYESTER

4. RIM: 6 1/2J

5. RADIAL TUBELESS

6. MOLD No.

7. 215/60R17 96H M+S

8. MAX. LOAD 710 kg(1565 LBS)
MAX. PRESS. 300 kPa(44 PSI)

9. MADE IN CHINA

10. DOT 17B JPF XPA

11. ECE APPROVAL MARK

13. SAFETY WARNING

1. GRENLANDER

2. MAHO 79

3. PLIES: TREAD 2POLYESTER+2STEEL+1NYLON
SIDEWALL 2POLYESTER

4. RIM: 61/2J

5. RADIAL TUBELESS

6. MOLD No.

7. 215/60R17 96H M+S

8. MAX. LOAD 710 kg(1565LBS)
MAX. PRESS. 300 kPa(44 PSI)

9. MADE IN CHINA

11. ECE APPROVAL MARK

12. TREADWEAR 420 TRACTION A
TEMPERATURE A

13. SAFETY WARNING

14. DOT 17B JPF XPA x x x x (DATE CODE)