



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECHNOLOGIE UND PRÜFWESSEN, A.G.
A.O. «ИНСТИТУТ ТЕХНОЛОГИИ РЕЗИНЫ И ИСПЫТАНИЙ»

Společnost je zapsána v obchodním rejstříku vedeném Krajským soudem v Brně, oddíl B, vložka 818



PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad No: 2/1
40200 Kirsehir
TURKEY

E8*54R00/23*3028*00

Zlín 20th April 2021

Communication concerning the approval and notification of approval number – inspection report

Tyre type fully complies requirements of ECE/UN R54.

Enclosed you will find the Communication concerning the approval of your tyres according to ECE/UN Regulation No. **54**

On the base of this approval you are entitled to produce in your factory tyres of the dimension :

385/65R22.5 STARMAXX LZ305 164K

with the approval number : **E8*54R00/23*3028*00**
date of inspection : **20th April 2021**

Sincerely yours,



Václav Hořelka
Head Of Tyre Approval Department
Head Of Inspection Body HS440

Ministerstvo dopravy České republiky
Ministry of Transport of the Czech Republic
Nábřeží L. Svobody 12, CZ-110 15 Praha 1

OSVĚDČENÍ o : 1/

COMMUNICATION concerning : 1/



UDĚLENÍ HOMOLOGACE

~~ROZŠÍŘENÍ HOMOLOGACE~~

~~ZAMÍTNUTÍ HOMOLOGACE~~

~~ODEBRÁNÍ HOMOLOGACE~~

~~DEFINITIVNÍM UKONČENÍ VÝROBY~~

APPROVAL GRANTED

~~APPROVAL EXTENDED~~

~~APPROVAL REFUSED~~

~~APPROVAL WITHDRAWN~~

~~PRODUCTION DEFINITELY DISCONTINUED~~

Typu pneumatiky pro motorová vozidla podle Předpisu č. 54
Of a type of tyre for motor vehicles to Regulation No. 54

Homologace č.:

Approval No.: **E8*54R00/23*3028*00**

Rozšíření č.:

Extension No.: -

- | | | | |
|--------|---|---|---|
| 1. | Název a adresa výrobce
Manufacturer's name and address | : | PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad. No.2/1
40200 Kirsehir, TURKEY |
| 2. | Označení typu pneumatiky
Tyre type designation | : | LZ305 |
| 2.1. | Značka / obchodní značka
Brand name(s)/trademark(s) | : | STARMAXX |
| 2.2. | Obchodní popis / obchodní jméno
Trade description(s)/ Commercial name(s) | : | - |
| 3. | Název a adresa zástupce výrobce
(je-li potřebné)
If applicable, name and adress of
manufacturer's representative | : | N/A |
| 4. | Souhrnný popis
Sumarized description | | |
| 4.1. | Označení rozměru pláště
Tyre size designation | : | 385/65R22.5 |
| 4.2. | Kategorie užití
Category of use | : | normální / zimní / speciální /
normal / snow / special / <u>1/</u> |
| 4.3. | Konstrukce
Structure | : | diagonální / radiální /
diagonal / radial / <u>1/</u> |
| 4.4. | Třída pneumatiky
Tyre class | : | G2 / C3 <u>1/</u> |
| 4.5. | Kategorie rychlosti
Speed category symbol | | |
| 4.5.1. | Nominální
Nominal | : | K |
| 4.5.2. | Doplňková (je-li potřebné)
Additional (if applicable) | : | - |



- 4.6. Indexy nosnosti
Load capacity index
- 4.6.1. Odpovídající nominální rychlosti : v jednomontáži 164 ve dvojmontáži -
Corresponding to nominal speed : single twinned (dual)
- 4.6.2. Odpovídající doplňkové rychlosti : v jednomontáži - ve dvojmontáži -
Corresponding to additional speed : single twinned (dual)
5. Homologační zkušebna a případně IGTT a.s. - Rubber Technology and
zkušební laboratoř schválená pro Testing Institute
účely homologace nebo pro ověřování : Šternberská 446, Louky, 763 02 Zlín
shodnosti CZECH REPUBLIC
Technical service and where
applicable, test laboratory additional
approved purposes of approval or of
verification of conformity :
6. Datum protokolu, vydaného touto :
zkušebnou :
Date of report issued by that service : 13.04.2021
7. Číslo protokolu, vydaného touto :
zkušebnou :
Number of report issued by that service : D021-0765
8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : -
9. Poznámky :
Any remarks : Doplňkové označení rozměru pneu
15R22.5
Additional tyre size designation
15R22.5
10. Místo : Praha
Place :
11. Datum : 20.04.2021
Date :
12. Podpis :
Signature : Václav Hořelka
13. K osvědčení je přiložen seznam dokumentů obsažených v homologačních podkladech
uložených u homologačního orgánu, který udělil homologaci, a které lze obdržet na
vyžádání.
Annexed to this communication is a list of documents in the approval file deposited at
the Approval Authority which has considered this approval and which can be obtained upon
request.
- Seznam dokumentů
List of documents
- žádost o homologaci / application for approval
 - výkresy bočnice a běhounu pláště, kótovaný výkres příčného řezu pláště
 - drawing of the tyre sidewalls and tread, dimensioned drawing of tyre cross – section
 - prohlášení výrobce / manufacturer's declaration

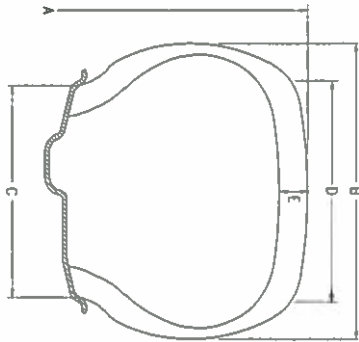
1/ Nehodící se škrtněte
Delete that which does not apply

E8 003028

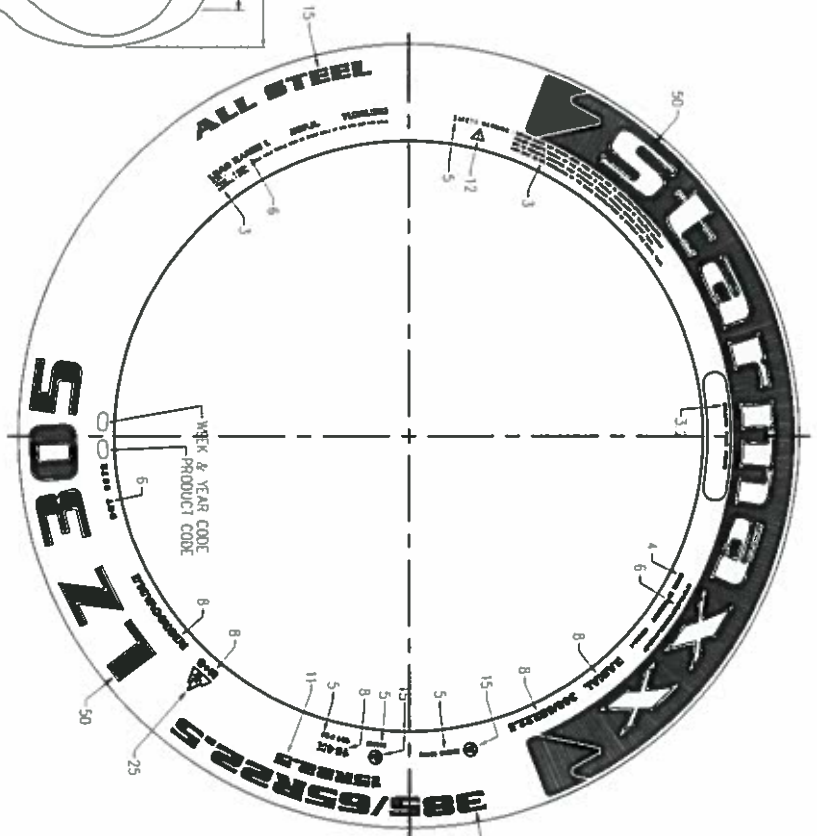


APPLICATION FOR APPROVAL ECE No. 54

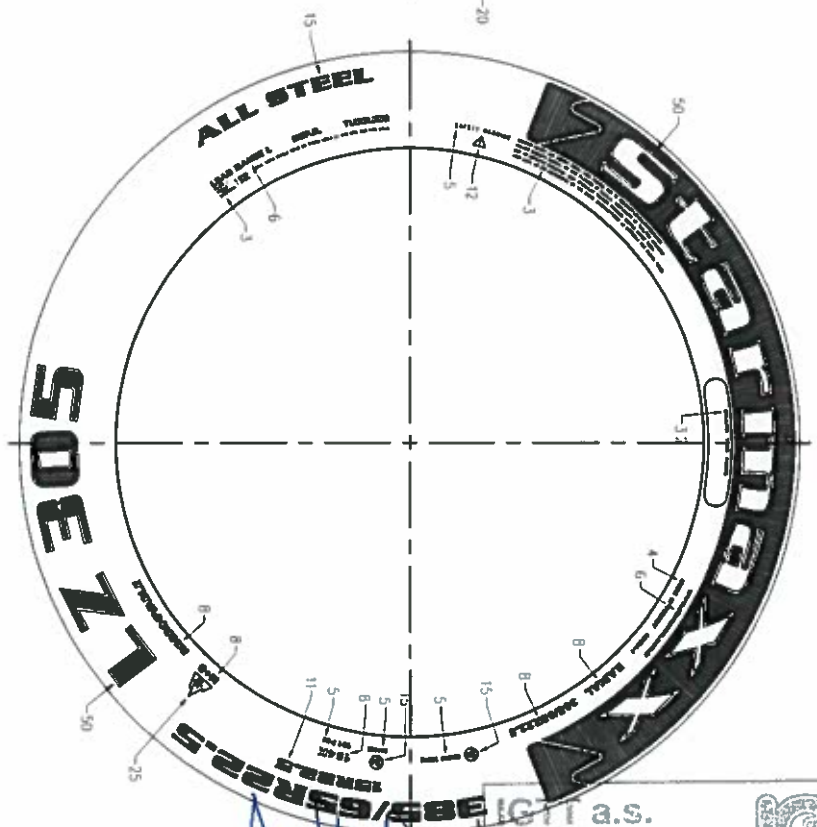
4.1.1	Tyre-size designation	: 385/65 R22,5	
4.1.2	The manufacturer's name	: PETLAS TIRE INDUSTRY AND TRADE COMPANY	
4.1.2.1	The Brand name(s)/trademark(s)	: STARMAXX	
4.1.2.2	The trade description(s)/commercial name(s)	: LZ305	
4.1.3	Category of use (normal/special/snow)	: SNOW	
4.1.3.1	For the tyres belonging to the category of use "special use tyre" those which may bear the inscription M+S or M.S or M&S	: YES	
4.1.4	Structure (diagonal(bias ply)/radial)	: RADIAL	
4.1.5	Speed category	: K	
4.1.6	The load-capacity indexes	: 164	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 389	mm
	Outer diameter	: 1072	mm
4.1.9	Factor X	: 0.75	
4.1.10	The rims on which the tyre can be mounted	: 11.75; 12.25	inch
4.1.11	The measuring rim and test rim	: 11.75	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 900	kPa
4.1.13	The additional load/speed combinations	: NA	



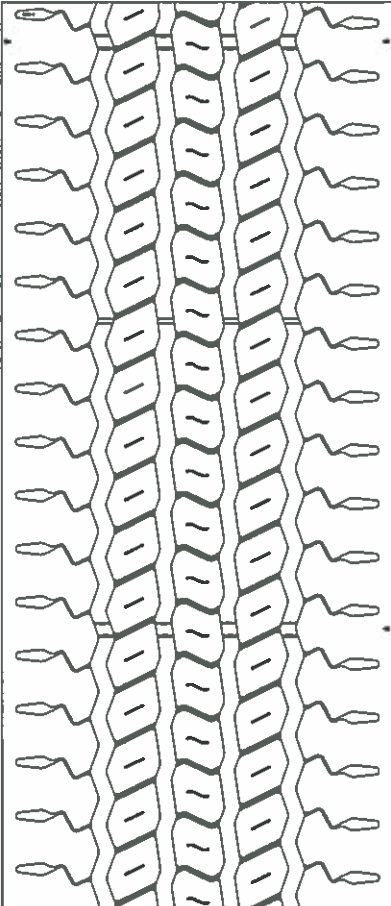
SERIAL SIDE



NON SERIAL SIDE



IGTT a.s.
homologace pneumatik
Siernberská 446, Louky
763 02 Zlín, Czech Republic
IČ/D: 46900030 DIČ/VAT: CZ4690C080



K	385/65R22.5	164	-	X	1072	369	111.75	295	16.5	003028	020206 S2WR2	-
K	385/65R22.5	164	-	X	1072	369	111.75	295	16.5	003028	020206 S2WR2	-

SRI DESIN (TREAD PATTERN) : L2305	RESIN NO. (DRAWING NO.)	TARH (DATE)	KONTROL (CHECKED)
SRI (TREAD) : 5 STEEL	PKT-12932A-1	30.03.2021	30.03.2021
YANAK (SIDEWALL) : 1 STEEL			



Lastik Sanayi ve Ticaret A.Ş.

Date : 14.4.2021

Petlas Ref. No : 230/012/021

Subject : DECLARATION
Concern : Mr. Vaclav Horelka
Tire Approval Department Head
IGTT ZLIN

To whom it may concern;

Petlas confirms that the tires which are given below are produced under the same specification and same technology (same raw materials, same green tire specification, same machine, same mold). Only the trade mark of the tires are different.

BRAND	SIZE	APPROVAL NUMBER
PETLAS	385/65 R22,5 NZ305 TL 164 K	E8 003027
STARMAXX	385/65 R22,5 LZ305 TL 164 K	E8 003028

Erdin ONAT
Product Construction Development Manager

PETLAS Lastik Sanayi ve Ticaret A.Ş.
Kindam Mah. Ankara-Kayseri Cad. No:2/1 KIRŞEHİR Tel: (0386) 252 65 50 Fax: (0386) 252 65 70
iletisim@petlas.com.tr

petlas Bir Abdulkadir Özcan A.Ş. Kuruluşudur.

137-F-178-02

IGTT a.s.
homologace pneumatik
Šternberská 446, Louky
763 02 Zlín, Czech Republic
IČ/ID: 46900080 DIČ/VAT: CZ46900080



TYPE APPROVAL TEST REPORT

REPORT NO. D021-0765

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO	Speed Category Symbol	: K
Manufacturer Address	: KINDAM MAH. ANKARA KAYSERI CAD. NO 2/1 KIRSEHIR / TURKEY	Additional Load/Speed	: NA
Brand	: STARMAXX	Category of Use	: SNOW
Pattern Name	: LZ305	TT/TL	: TL
Product Code	: 82303	Date of Manufacture	: 1221
Size Designation	: 385/65 R22.5	Barcode Number	: 59030645
Load Capacity Index	: 164	Approval Number	: E8 003028

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 25.3.2021
Test Date	: 30.3.2021 - 1.4.2021
Reference Regulation	: UNECE Regulation 54
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control ☒ 2 - Dimensions Measurement ☒ 3 - Load/Speed ☒
Test Machine Name (Drum Diameter)	: ASM-3 (1.707 m)
Pressure Gauge Calibration No	: 2108024
Caliper Calibration No	: 2107708
Tape Measure Calibration No	: 2107155
Test Rim	: 11.75X22.5 T-2
Test Technician	: A.G. - F.Ş

CUSTOMER INFORMATION

Name	: Same as Manufacturer
Address	: Same as Manufacturer

TYRE VISUAL INSPECTION RESULT BEFORE TEST

Tyre was inspected and any evidence of failure was not detected.

Controlled by:

AYHAN UMUCU
Tyre Test Engineer
12.04.2021



Page 1 of 2

Approved by:

EKREM TURNA
Tyre Testing Laboratory Team Leader
13.04.2021

Petlas Secret Technical Information: The document contains classified information. It must be kept in only Petlas and stored in a safe place. The test result in this report is only valid for the intended use and must not be used for any other purpose without the permission of Petlas.

IGTT a.s. FORM NUMBER: 117-046-00
homologace pneumatik
Šternberská 446, Louky
763 02 Zlín, Czech Republic
IČ/DI: 46900980 DIČ/VAT: CZ46900080





TYPE APPROVAL TEST REPORT

REPORT NO: D021-0765

TEST 1 - MARKING CONTROL

Trade name or Mark	YES ☒	NO ☐	N/A ☐
Commercial/Pattern Name Marking	YES ☒	NO ☐	N/A ☐
Tyre Size Designation Marking	YES ☒	NO ☐	N/A ☐
Tyre Structure Marking	YES ☒	NO ☐	N/A ☐
Speed Category Symbol Marking	YES ☒	NO ☐	N/A ☐
Load Capacity Index Marking	YES ☒	NO ☐	N/A ☐
"FRT"	YES ☐	NO ☐	N/A ☒
"Regroovable"	YES ☒	NO ☐	N/A ☐
"M+S" marking in case of "Snow" or "Special Use" tire	YES ☒	NO ☐	N/A ☐
"POR" or "ET" marking in case of Special Use Tire	YES ☐	NO ☐	N/A ☒
"TUBELESS" marking in case of without inner tube use	YES ☒	NO ☐	N/A ☐
Date of Manufacture	YES ☒	NO ☐	N/A ☐
Approval Number Marking	YES ☒	NO ☐	N/A ☐

RESULT: The tire markings are fulfill the reference regulation requirements.

TEST 2 - DIMENSIONS MEASUREMENT

Conditioning	: 24 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 900
Overall Width Measurements (mm)	: 372,1 / 372,1 / 372,2 / 372,2 / 372,4 / 372,0
Maximum Circumference (mm)	: 3383

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	389,0	372,4
Maximum Overall Width-Smax	405,0	
Nominal Outer Diameter-D	1072,0	1076,8
Minimum Outer Diameter-Dmin	1057,0	
Maximum Outer Diameter-Dmax	1102,0	

RESULT: The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 850

Test Procedure						Dimensional Measurements	
Date/Time	Test Step No	Duration (hour)	Test Load (kg)	Test Speed (km/h)	Control		
30.3.2021 14:02	0	0	0	0	A.G.	Overall Diameter Before Test (mm)	: 1076,8
	1	7	3300	56			
	2	16	4200	56			
1.4.2021 13:02	3	24	5050	56	F.S.	Overall Diameter 6h After Test (mm)	: 1078,1
						Diameter difference after Test (%)	: 0,12

Inflation Pressure After Test (kPa) : 900

RESULT: Tire completed the load/speed test without any failure.

FINAL RESULT: THE TYRE PASSED ALL TESTS ACCORDING TO THE REFERENCE REGULATION

PASSED

Controlled by;

AYHAN UMUCU
Tyre Test Engineer
12.04.2021

A. Umucu



Approved by;

EKREM TURNA
Tyre Testing Laboratory Team Leader
13.04.2021

E. Turna