

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

## COMMUNICATION

Concerning <sup>(1)</sup>

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- ~~approval withdrawn~~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

of a type of tyre for motor vehicles pursuant to Regulation number 30.

**Approval number: E4-30R-0293395****Extension number: 02**

1. Manufacturer's name and address : Prinx Chengshan (Shandong) Tire Co., Ltd.  
No. 98, Nanshan North Road,  
264300, Rongcheng,  
Shandong, China(PRC)
2. Tyre type designation<sup>(2)</sup>
  - 2.1. Brand-name(s)/trademark(s) : CHENGSHAN; AUSTONE; FORTUNE; ELDORADO
  - 2.2. Trade description(s)/Commercial name(s) : CSC-303; SP-303; FSR-303; TURBOSTAR HTR
3. If applicable, name and address of the manufacturer's representative : Not applicable
4. Summarised description
  - 4.1. Tyre size designation : 245/70R16
  - 4.2. Category of use : normal/ ~~snow~~/ ~~special use~~ / ~~temporary use~~ <sup>(1)</sup>
  - 4.3. Structure : ~~diagonal~~ / ~~bias belted~~ / radial/ ~~run flat tyre~~ <sup>(1)</sup>
  - 4.4. Speed category symbol : T
  - 4.5. Load-capacity index : 107

**Approval number: E4-30R-0293395**

**Extension number: 02**

- 4.6. Extended Mobility Tyre : ~~Yes~~ /No<sup>(1)</sup>
5. Technical service and, where applicable, test laboratory approved for purposes of approval or of verification of conformity : TÜV Rheinland Kraftfahrt GmbH  
Am Grauen Stein  
D-51105 Köln  
Germany
6. Date of report issued by that service : 2021-01-27
7. Number of report issued by that service : 86-R30-0201/21-00
8. Reason(s) of extension (if applicable) : Update of tyre type designation(s)  
Upgrade of regulation supplement number
9. Any remarks : Not applicable
10. Place : Zoetermeer
11. Date : 02 February 2021
12. Signature :

  
P. Lingsma

13. The list of documents in the approval file which are 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 30.
  - The drawing of the tyre's sidewalls, tread and dimensioned cross-section.
  - The test report as mentioned in item 7.

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<sup>(1)</sup> Strike out what does not apply

<sup>(2)</sup> A list of Brand name(s)/trademark(s) or Trade description(s)/Commercial name(s) may be annexed to this communication

## APPENDIX 1. CONSTRUCTION IMAGE (1)

**TREAD PATTERN**

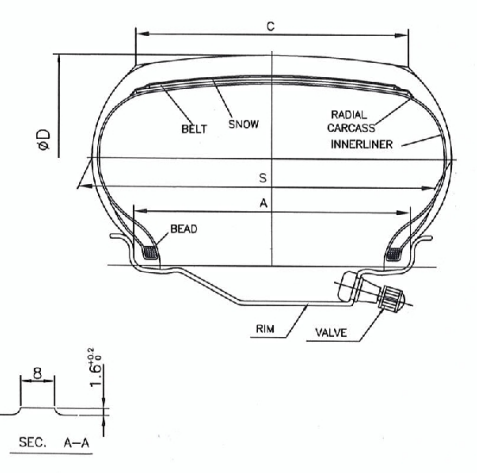
TRADE MARK	TREAD PATTERN NAME
CHENGSHAN	CSC-303
AUSTONE	SP-303
FORTUNE	FSR-303

1	(TRADE MARK) CHENGSHAN & AUSTONE & FORTUNE
2	****-**(Mold No.)
3	RADIAL
4	TUBELESS
5	OUTSIDE (LOWER) INSIDE (UPPER)
6	DOT APPROVAL MARK & APPROVAL No. & **** (****--Date Code)
7	TREADWEAR 400 TRACTION A TEMPERATUR B
8	MADE IN CHINA
9	TREAD 1 PLY NYLON + 2 PLY STEEL + 2 PLY POLYESTER
10	SIDEWALL 2 PLY POLYESTER
11	(TREAD PATTERN NAME) CSC-303 & SP-303 & FSR-303
12	SAFETY WARNING
13	STANDARD RIM 7.0J
14	245/70R16
15	ECE APPROVAL MARK AND NUMBER
16	STANDARD MAX. LOAD 975 kg (2149 LBS.) LOAD MAX. PRESS 300 kPa (44 P.S.I.)

TIRE SIZE	LOAD INDEX	SPEED SYMBOL	TYPE	D (mm)	S (mm)	A (mm)	C (mm)
245/70R16	107	T	TL	750	248	177.8	196

DRAWN BY	王园园	CHECKED BY	隋永强	APPROVED BY	刘昌波	PRINX CHENGSHAN (SHANDONG) TIRE CO., LTD
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(1) The tyre marking statements are considered leading in case of deviating drawing information.

APPENDIX 2. CONSTRUCTION IMAGE <sup>(1)</sup>


ØD

C

BEAD

SNOW

RADIAL CARCASS

INNERLINER

S

A

RIM

VALVE

SEC. A-A

8

1.6<sup>+0.2</sup><sub>0</sub>

TREAD PATTERN

TRADE MARK

TREAD PATTERN NAME

ELDORADO

TURBOSTAR HTR

1 (TRADE MARK) ELDORADO

2 \*\*\*\*-\*\*-\*\* (Mold No.)

3 RADIAL

4 TUBELESS

5 OUTSIDE (LOWER) INSIDE (UPPER)

6 DOT APPROVAL MARK & APPROVAL No. & \*\*\*\*-\*\*-\*\*-\*\* (Date Code)

7 TREADWEAR 400 TRACTION A TEMPERATUR B

8 MADE IN CHINA

9 TREAD 1 PLY NYLON + 2 PLY STEEL + 2 PLY POLYESTER

10 (TREAD PATTERN NAME) TURBOSTAR HTR

11 SAFETY WARNING

12 STANDARD RIM 7.0J

13 245/70R16

14 ECE APPROVAL MARK AND NUMBER

15 STANDARD MAX. LOAD 975 kg (2149 LBS.)

16 245/70R16 107T

245/70R16 107 T TL 750 248 177.8 196

TIRE SIZE LOAD INDEX SPEED SYMBOL TYPE D (mm) S (mm) A (mm) C (mm)

DRAWN BY 王园园 CHECKED BY 隋永强 APPROVED BY 刘昌波 PRINX CHENGSHAN (SHANDONG) TIRE CO., LTD

(1) The tyre marking statements are considered leading in case of deviating drawing information.

Test report data delivered by the designated technical service or its laboratory/branch office responsible for conducting the approval tests

Tested in accordance to ECE regulation no. 30, 02 series of amendments, supplement 22

Test reports	:	<table><tr><th>Date of report</th><th>Startdate of tests</th><th>Location of test</th><th>Reference</th></tr><tr><td>2021-01-27</td><td>-</td><td>-</td><td>86-R30-0201/21-00</td></tr></table>	Date of report	Startdate of tests	Location of test	Reference	2021-01-27	-	-	86-R30-0201/21-00
Date of report	Startdate of tests	Location of test	Reference							
2021-01-27	-	-	86-R30-0201/21-00							
Appropriate test facility, calibrated measurement- and test equipment have been used in compliance with the applicable test requirements	:	Y								
Name and address of designated technical service	:	TÜV Rheinland Kraftfahrt GmbH Am Grauen Stein D-51105 Köln Germany								
Name and address of branch office of designated technical service	:	TÜV Rheinland / CCIC (Qingdao) Co., Ltd. 6F, No.2 Bldg., No. 175, Zhuzhou Rd., Qingdao 266101 P.R. China								
Tyre size designation	:	245/70R16								
Brand-name(s) / trademark(s)	:	CHENGSHAN, AUSTONE, FORTUNE, ELDORADO								
Trade description(s) / commercial name(s)	:	CSC-303, SP-303, FSR-303, TURBOSTAR HTR								
Category of use	:	Normal								
Structure	:	Radial								
EMT (Extended Mobility Tyre)	:	N								
Speed category symbol	:	T								
Load capacity index	:	107								
Protective rib	:	N								
Tubeless	:	Y								
Standard / reinforced / T-type temporary use	:	Standard								
Ply-rating number of diagonal (bias-ply) tyres	:	N.A.								
Factor 'x'	:	0.70								
Maximum speed for speed symbol Y for load rating determination	:	N.A.								
Tread-wear indicators	:									
Height of lowest tread-wear indicator	:	1.70 mm								
Height of tallest tread-wear indicator	:	1.72 mm								
Number of transverse rows of wear indicators	:	6								
Special use tread pattern features	:	N.A.								

# 1 Test data

## 1.1 MEASURING DATA (ACCORDING TO ANNEX 6)

1.1.1	Measuring rim width	:	7.00 inch
1.1.2	Conditioning		
	Mounting pressure	:	3.0 bar
	Adjusted pressure	:	1.8 bar
	Conditioning time	:	24 hrs
	Test room temperature	:	22.0 °C
	Readjusted pressure	:	1.8 bar
1.1.3	Measurements		
	Overall width measured	:	250.3 mm
	Calculated outer diameter	:	744.5 mm
1.1.4	Plies of tyre subject for type approval	:	N.A.

## 1.2 LOAD SPEED PERFORMANCE TEST (ACCORDING TO ANNEX 7)

1.2.1	Reference is made to a worst case tyre out of the tyre range	:	N
1.2.2	Test setup		
	Test drum diameter	:	1.70 m
	Test rim width	:	7.00 inch
	Test axle load	:	780.0 kg
1.2.3	Conditioning		
	Test inflation pressure	:	2.8 bar
	The test inflation pressure differs from those given under Annex 7 paragraph 1.2	:	N
	Conditioning time	:	3 hrs
	Test room temperature	:	26.0 °C
	Readjusted pressure	:	2.8 bar
1.2.4	Outer diameter before test	:	N.A.
1.2.5	Test procedure		
	Time from zero to initial test speed	:	10 min
	Test steps	:	

Step	Duration (min)	Speed (km/h)
1.	10	150
2.	10	160
3.	10	170
4.	20	180

1.2.6	Test results		
	Traces of tread separation, ply separation, cord separation, chunking or broken cords after the load/speed test	:	N
	Superficial blistering after the load/speed test caused by the specific test equipment and conditions	:	N
	Conditioning time after test	:	N.A.
	Calculated outer diameter of measured circumference after test	:	N.A.
	Change in outer diameter after test	:	N.A.

## 2 TYRE MARKINGS STATEMENT <sup>(1)</sup>

2.1	Brand name or trade mark	: Marked
2.2	Trade description / commercial name	: Marked
2.3	Date of manufacture	: Marked
	- character height $\geq 4$ mm	: Y
2.4	Upper side wall markings	
	"TEMPORARY USE ONLY"	: N.A.
	"INFLATE TO 420kPa (60 psi)"	: N.A.
2.5	Lower side wall markings	
	Approval mark in accordance to article 3.2, 3.4, 5.4 and Annex 2	: Y
	Tyre structure letter code	: R
	Tyre to rim fitment code	: N.A.
	Service description	
	- marked within brackets	: N.A.
	- immediately after tyre size designation	: Y
	- character height $\geq 6$ mm	: Y
	"RADIAL"	: Marked
	- character height $\geq 4$ mm	: Y
	"B" and "BIAS BELTED"	: N.A.
	"TUBELESS"	: Marked
	- character height $\geq 4$ mm	: Y
	Run flat symbol	: N.A.
	EMT (Extended mobility tyre) symbol	: N.A.
	"REINFORCED" or "EXTRA LOAD"	: N.A.
	"M+S"/"M.S"/"M&S"	: N.A.
	"ET"	: N.A.
	"POR"	: N.A.
	Location of the applicable mandatory markings	: In lower area
	Symmetrical tyres marked on both sidewalls	: N
	Asymmetrical tyres marked at least on the outer tyre side wall	: Y

## 3 Nominal envelop dimensions of the inflated tyre mounted on the measuring rim <sup>(1)</sup>

S	: 248 mm
D	: 750 mm
A	: 178.0 mm

<sup>(1)</sup> The tyre marking statements are considered leading in case of deviating drawing information.

# APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE FOR TYRES FOR MOTOR VEHICLES AND THEIR TRAILERS ACCORDING TO ECE REGULATION No. 30, 02 SERIES OF AMENDMENTS, SUPPLEMENT 22

4.1	Name and address of manufacturer (applicant)	:	Prinx Chengshan (Shandong) Tire Co., Ltd. No. 98, Nanshan North Road, 264300, Rongcheng, Shandong, China(PRC)
	Name and address of branch office of designated technical service (manufacturers duly accredited representative)	:	TÜV Rheinland / CCIC (Qingdao) Co., Ltd. 6F, No.2 Bldg., No. 175, Zhuzhou Rd., Qingdao 266101 P.R. China
4.1.1	Tyre size designation	:	245/70R16
4.1.2.1	Brand-name(s) / trademark(s)	:	CHENGSHAN, AUSTONE, FORTUNE, ELDORADO
4.1.2.2	Trade description(s) / commercial name(s)	:	CSC-303, SP-303, FSR-303, TURBOSTAR HTR
4.1.3	Category of use	:	Normal
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	:	N.A.
4.1.4	Structure	:	Radial
4.1.5	Speed category symbol	:	T
4.1.6	Load capacity index	:	107
4.1.7	Tubeless	:	Y
4.1.8	Standard / reinforced / T-type temporary use	:	Standard
4.1.9	EMT (Extended mobility tyre)	:	N
4.1.10	Ply-rating number of diagonal (bias-ply) tyres; except for T-type temporary use spare tyres	:	N.A.
4.1.11	The overall dimensions: overall section width and outer diameter		
	Overall section width	:	250.3 mm
	Outer diameter	:	744.5 mm
4.1.12	The rims on which the tyre can be mounted	:	7.00 inch
4.1.13	Measuring rim	:	7.00 inch
	Test rim	:	7.00 inch
4.1.14	The test pressure where the manufacture requests the application of Annex 7 paragraph 1.3 to this Regulation	:	N.A.
4.1.15	The factor 'x'	:	0.70
4.1.16	For tyres suitable for speeds in excess of 300 km/h, the maximum speed permitted by the tyre manufacturer and the load carrying capacity allowed for that maximum speed	:	N.A.
4.1.17	The identification of the bead retention rim contours specific for the "flat tyre running mode" of "run flat tyres"	:	N.A.
4.2	The application for approval is accompanied by drawings or images of		
	1. The tyre tread pattern	:	Y
	2. Envelope of the inflated tyre mounted on the measuring rim, showing the relevant dimensions (see paragraphs 6.1.1 and 6.1.2)	:	Y
	3. The side wall showing the relevant markings	:	Y
4.4	Reference to Worst-case tyre has been made for the load-speed test. The worst case tyre selection criteria can be obtained from the approval authority.	:	N



Reason(s) of extension : Update of tyre type designation(s);  
Upgrade of regulation supplement number;

The applicant, as defined in article in 4.1, declares that:

- This application is in compliance with the scope as defined in chapter 1 of the regulation.
- All data for this application are unambiguously and truthfully given.
- This application has been submitted by the duly accredited representative of the manufacturer per art 4.1 of the regulation. The underlying statement to submit on behalf of the manufacturer can be presented upon request.
- The type approval application for the subject component is submitted only at RDW as Contracting party pursuant to this UN regulation.
- Appropriate test facility, calibrated measurement en test equipment have been used in compliance with the applicable test requirements.

Company : TÜV Rheinland / CCIC (Qingdao) Co., Ltd.  
Name of person responsible for the submitted application data : Linda Chen  
Function of above mentioned authorised person : Project Manager  
E-mail address of department or above mentioned authorised person : Linda.chen@tuv.com  
Place of submission : Qingdao  
Submitted for approval on (date) : 01/02/2021 11:27:11  
Reference id of the application given by the applicant : 2560950169