

BLACKLION

TRUCK & BUS TIRES CATALOG

Long Haul / Regional / On & OFF-Road / Off Road / Urban ad / Urban



JINYU firmly adheres to the enterprise spirit, "Common interests above all else" and the company's target of "Providing the customers with excellent quality products and a high level of service." We insist on focusing on our customer's demands, committing to our promises, operating legally, and developing scientifically to maximize the common benefit of consumers, distributors, suppliers, employees, shareholders, communities, governments, enterprises and other related parties.

"Common interests above all else"!

ENTERPRISE VISION

BLACKLION

TRUCK & BUS TIRE

Long Haul / Regional / On&Off Road / Off Road / Urban

To be the best tire supplier, trusted globally and able to provide the best value and experience to customers and end-users.

ENTERPRISE MISSION

Concentrate on rubber tire technology and service development and application;
Commit ourselves to providing customers the best value and experience.

ENTERPRISE INTRODUCTION

Enterprise Profile

JINYU Tire Group Co., Ltd. was founded in 1995, which is a professional tire R & D and manufacturing enterprise. There are more than 6000 employees. By equipped with advanced tire production, research and development, testing equipment and professional technology, management team, the company has established a sound quality management system. There are three plants respectively located in China and Vietnam with total capacity of 10 million pcs/year. The company has set up sales centers in North America, Europe, Vietnam and other countries in local operation. The sales network covers more than 100 countries and regions in the Middle East, Asia, Europe, the United States, Africa and so on.

Jinyu Certificates

The company has obtained certificates like CCC, DOT, ECE, INMETRO, ISO/TS16949, GCC, SONCAP, TBS, SARS and so on. The company's laboratory has been certified by CNAS and ISO/IEC 17025 and obtained many national Patents.

Research and Development

The company believes proving excellent quality is a way of life and takes every opportunity to instill this value throughout the entire enterprise. As proof of this commitment, a considerable investment has been made in R&D over the last 30 years. The R&D center not only utilizes advanced equipment but also commits to having efficient operations and maintaining a strong teamwork culture. The team is hyper-focused on marketing, product planning, formula research and development, as well as, structure design and product testing.

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BLACKLION PATTERN REFERENCE

Long Haul

Regional

Vehicle
Road



Steer



07 BF188 08 BT165 09 BF196

Drive



10 BD165 12 BD177



13 BD175

Trailer



18BT107 19BT160 20BT163 21BT188



22 BT180

All-position

On & Off Road



Coach & Urban



Winter



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11 BW293



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BF188

Suitable Conditions

Medium and long mileage truck running
on paved and highway roads







- ☑ Low Heat Generation
- ☑ High Wear Resistance
- ☑ Economy and Environment Friendly
- ☑ Outstanding Handling and Brake Performance on Wet



● Suitable ● Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336924138	11R22.5	146/143L	16.5	C	C	71 / A	✓	✓
8935336924145	205/75R17.5	124/122M	13.0	C	C	71 / A	✓	✓
8935336924152	215/75R17.5	128/126M (135/133L)	12.5	C	C	71 / A	✓	✓
8935336924169	235/75R17.5	132/130M (143/141L)	13.0	C	C	71 / A	✓	✓
8935336922936	245/70R17.5	136/134M (143/141L)	13.5	C	C	71 / A	✓	✓
8935336924176	245/70R19.5	136/134M (144/142J)	13.0	C	C	71 / A	✓	✓
8935336922974	265/70R19.5	140/138M (143/141J)	13.5	C	C	71 / A	✓	✓
8935336924312	275/70R22.5	152/148J	15.0	C	C	71 / A	✓	✓
8935336924190	285/70R19.5	145/143M (146/144L)	14.5	C	C	71 / A	✓	✓
8935336922820	295/60R22.5	150/147L	15.0	C	C	71 / A	✓	✓
8935336923575	295/80R22.5	152/149M	16.0	C	C	71 / A	✓	✓
8935336922721	315/60R22.5	154/150L	14.5	C	C	71 / A	✓	✓
8935336922707	315/70R22.5	156/150L	15.5	C	C	71 / A	✓	✓
8935336923513	315/80R22.5	156/150L (154/150M)	17.0	C	C	71 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT165

Suitable Conditions

Medium and long mileage trucks running on paved and highway roads







- ✓ Ultra Wear Resistance
- ✓ Outstanding High Speed Performance
- ✓ Excellent Durability



● Suitable
 ● Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336924121	205/75R17.5	124/122M	13.0	C	B	73 / B	✓	✓
8935336922851	215/75R17.5	128/126M (135/133L)	12.5	C	B	73 / B	✓	✓
8935336922912	235/75R17.5	132/130M (143/141L)	13.0	C	B	73 / B	✓	✓
8935336922653	295/80R22.5	154/149M	16.0	C	B	73 / B	✓	✓
8935336922691	315/70R22.5	156/150L	15.5	C	B	73 / B	✓	✓
8935336923506	315/80R22.5	156/150L (154/150M)	17.0	C	B	73 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BF196

Suitable Conditions

Medium and long mileage trucks running
on paved and highway roads







- ✓ Ultra Wear Resistance
- ✓ Outstanding High Speed Performance
- ✓ Excellent Durability



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922684	385/55R22.5	160K	13.5	B	B	70 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD165

Suitable Conditions

Medium and long mileage vehicles running on paved roads






- ✓ Low Heat Generation
- ✓ High Wear Resistance
- ✓ Excellent Grip
- ✓ Economy and Environment Friendly



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336923551	315/70R22.5	156/150L	18.0	D	C	74 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BW293

Suitable Conditions

Medium and long mileage truck running on paved and highway roads







- ✓ Outstanding Handling and Brake Performance on Wet
- ✓ Excellent Low-temperature Performance
- ✓ Superior Traction on Snow



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922646	385/65R22.5	164K	15.0	C	C	75 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD177

Suitable Conditions

Medium and long mileage vehicles running on paved roads







- ✓ Low Heat Generation
- ✓ High Wear Resistance
- ✓ Outstanding Handling and Brake Performance on Wet
- ✓ Excellent CPK



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336924206	265/70R19.5	140/138M (143/141J)	15.5	C	B	74 / B	✓	✓
8935336922882	275/70R22.5	148/145M	18.0	C	B	74 / B	✓	✓
8935336923100	285/70R19.5	145/143M (146/144L)	16.0	C	B	74 / B	✓	✓
8935336922660	295/60R22.5	150/147L	18.0	C	B	74 / B	✓	✓
8935336924213	295/80R22.5	152/149L	19.0	C	B	74 / B	✓	✓
8935336922783	315/60R22.5	152/148L	18.0	C	B	74 / B	✓	✓
8935336922615	315/70R22.5	156/150L	19.0	C	B	74 / B	✓	✓
8935336922752	315/80R22.5	156/150L (154/150M)	20.0	C	B	74 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD175

Suitable Conditions

Medium and long mileage trucks running on paved and highway roads







- ☑ Low Heat Generation
- ☑ High Wear Resistance
- ☑ Excellent Grip
- ☑ Economy and Environment Friendly



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336924220	11R22.5	146/143K	20.0	D	C	75 / B	✓	✓
8935336924237	205/75R17.5	124/122M	15.0	D	C	75 / B	✓	✓
8935336923605	215/75R17.5	128/126M (135/133L)	15.0	D	C	75 / B	✓	✓
8935336923612	235/75R17.5	132/130M (143/141L)	15.0	D	C	75 / B	✓	✓
8935336924244	245/70R19.5	136/134M (144/142J)	15.5	D	C	75 / B	✓	✓
8935336923537	295/80R22.5	152/149M	22.0	D	C	75 / B	✓	✓
8935336922578	315/70R22.5	156/150L	20.0	D	C	75 / B	✓	✓
8935336922639	315/80R22.5	156/150L (154/150M)	23.0	D	C	75 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2lbs

BD210


Suitable Conditions

Good medium to high mileage vehicles running on paved and unpaved roads



- ☒ Tear and Cut Resistance
- ☒ Excellent Grip
- ☒ Anti Damage on Tread



 Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336923544	315/80R22.5	156/153K	22.0	C	B	74 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD280

Suitable Conditions

Dump truck tire drive position tire used for medium to good distances on mixed road surfaces







- ✓ Tear Resistance
- ✓ Anti Damage on Tread
- ✓ Strong Constructure



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336924305	11R22.5	148/145K	18.5				✓	POR
8935336921632	13R22.5	156/150K	20.0				✓	POR
8935336921458	315/80R22.5	156/150J (154/150K)	20.5				✓	POR

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD290





Suitable Conditions

Good medium to high mileage vehicles running on paved and unpaved roads



- ✓ Tear and Cut Resistance
- ✓ Excellent Grip
- ✓ Anti Damage on Tread



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922813	13R22.5	156/150K	22.0	D	C	75 / B	✓	✓
8935336922622	295/80R22.5	154/149K	21.0	D	C	75 / B	✓	✓
8935336922677	315/80R22.5	156/150J (154/150K)	21.5	D	C	75 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2lbs

BW292

Suitable Conditions

Medium and long mileage truck running
on paved and highway roads







- ✓ Excellent Low-temperature Performance
- ✓ Excellent Stability on Handling
- ✓ Superior Traction on Snow



 Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336924299	275/70R22.5	148/145L	20.5	D	B	73/B	✓	✓
8935336923582	295/80R22.5	152/149L	22.0	D	B	73/B	✓	✓
8935336922608	315/70R22.5	156/150L	20.5	D	B	73/B	✓	✓
8935336922592	315/80R22.5	156/153K	20.5	D	B	73/B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT107


Suitable Conditions

Medium and long mileage vehicles running on paved roads







- ✓ Ultra Wear Resistance
- ✓ Excellent Stability on Handling
- ✓ Excellent Durability



 Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336923490	235/75R17.5	143/141J	13.0	B	C	71 / A	✓	✓
8935336923599	245/70R17.5	143/141J	13.0	B	C	71 / A	✓	✓
8935336922769	265/70R19.5	143/141J	13.0	B	C	71 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2lbs

BT160

Suitable Conditions

Medium and long mileage vehicles running on paved roads



- ✓ Low Heat Generation
- ✓ Outstanding Handling and Brake Performance on Wet
- ✓ Excellent CPK



● Suitable ● Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922585	385/55R22.5	160K	14.5	C	C	73 / B	✓	✓
8935336922547	385/65R22.5	164K	15.5	C	C	73 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT163


Suitable Conditions

Medium and long mileage vehicles running on paved roads







- ☒ Low Heat Generation
- ☒ Outstanding Handling and Brake Performance on Wet
- ☒ Excellent CPK



 Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922530	385/65R22.5	164K	16.0	B	B	70 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT188

Suitable Conditions

Medium and long mileage vehicles running on paved roads







- ✔ Outstanding Handling and Brake Performance on Wet
- ✔ Low Heat Generation
- ✔ High Wear Resistance
- ✔ Excellent CPK



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336924251	435/50R19.5	164J	12.5	B	C	72 / B	✓	✓
8935336922905	445/45R19.5	160J	13.0	B	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT180

Suitable Conditions

Medium and long mileage vehicles running on paved roads



- ☒ Ultra Wear Resistance
- ☒ Long Mileage
- ☒ Excellent Durability



 Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922714	385/65R22.5	164K	17.0	B	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT269

Suitable Conditions

Woodland road conditions



- ☑ Tear Resistance
- ☑ Reduce Stone Trapping
- ☑ High Load Capacity



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922554	265/70R19.5	143/141J	15.5	C	B	73 / B	✓	✓
8935336924275	275/70R22.5	148/145K	17.0	C	B	73 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BA226


Suitable Conditions

Good medium to high mileage vehicles running on paved and unpaved roads







- ☒ Tear Resistance
- ☒ Excellent Grip
- ☒ Adapt to Various Road Conditions



 Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922776	385/65R22.5	164K	17.5	D	B	73 / B	✓	✓
8935336924268	425/65R22.5	165K	17.5	D	B	73 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BA220

Medium and long mileage trucks running
on paved and unpaved roads







- ✓ Ultra Wear Resistance
- ✓ High Stability on Handling
- ✓ High Load Capacity



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922844	13R22.5	156/150K	18.0	D	C	72 / B	✓	✓✓
8935336922868	315/80R22.5	156/150L (154/150M)	17.0	D	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BLR01

Suitable Conditions

Medium and long mileage trucks running on paved and unpaved roads








- ☑ Good Handling
- ☑ Adapt to Various Road Conditions
- ☑ Excellent CPK



Recommend



EAN Code	Size	Load Index	Tread Depth (mm)					
8935336924282	11R22.5	148/145M	16.0	D	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BU123

Suitable Conditions

Medium and long mileage vehicles running on paved roads







- ✓ Ultra Wear Resistance
- ✓ Damage Resistance On Sidewall
- ✓ Long Life



Recommend



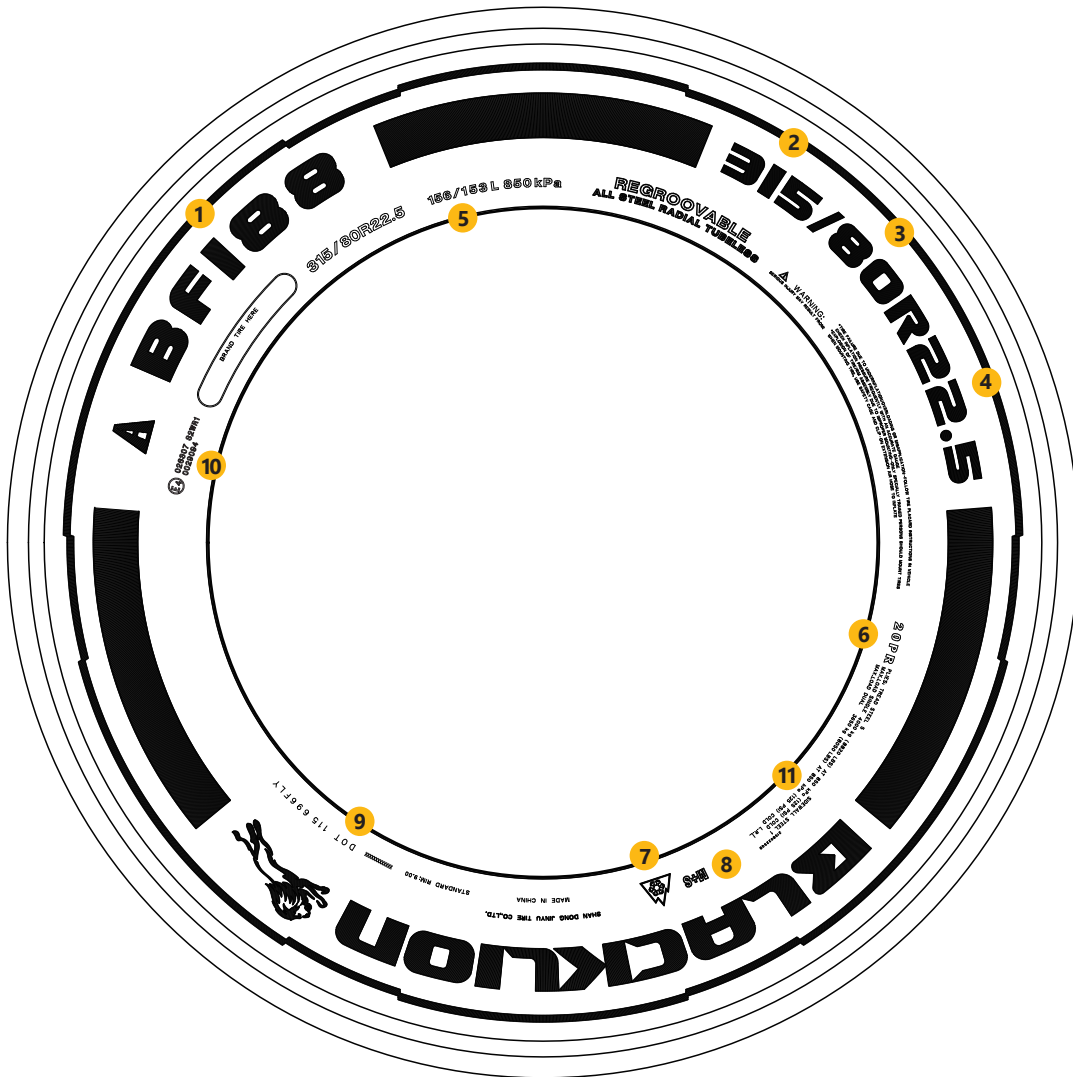
EAN Code	Size	Load Index	Tread Depth (mm)				M+S	
8935336922738	275/70R22.5	152/148J	20.5	C	C	72 / B	✓	

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

TRUCK & BUS TIRE

Long Haul / Regional / On&Off Road / Off Road / Urban

DESIGNATIONS, LOAD AND SPEED INDEX



- 1 Pattern name
- 2 Tire section width(mm)
- 3 Aspect ratio
- 4 Internal diameter in inches corresponding to the rim diameter
- 5 156:Load carrying capacity index for single tire
150:Load carrying capacity index for dual tire
K:Speed symbol
- 6 Number of Ply Rating
Larger Ply Rating=Larger Load Capacity
- 7 The "Alpine symbol 3PMSF(3 Peak Mountain Snow Flake) for all categories of tires, if the tire is designated for usage in snow conditions
- 8 M+S or M.S., or M&S symbols are used in case the tire is designated to deliver better performance in mud or melting snow conditions = better performance then normal usage tire
- 9 North American Department of Transportation compliance symbol and identification number
- 10 Certification ECE54
- 11 Tyre construction and load/pressure details

Refer to the Speed Symbols and Load Capacity Index tables below

● SPEED SYMBOLS ●

SI	KM/H
B	50
C	60
D	65
E	70
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160
R	170

● LOAD CAPACITY INDEX ●

LI	KG	LI	KG	LI	KG
115	1215	136	2240	157	4125
116	1250	137	2300	158	4250
117	1285	138	2360	159	4375
118	1320	139	2430	160	4500
119	1360	140	2500	161	4625
120	1400	141	2575	162	4750
121	1450	142	2650	163	4875
122	1500	143	2725	164	5000
123	1550	144	2800	165	5150
124	1600	145	2900	166	5300
125	1650	146	3000	167	5450
126	1700	147	3075	168	5600
127	1750	148	3150	169	5800
128	1800	149	3250	170	6000
129	1850	150	3350	171	6150
130	1900	151	3450	172	6300
131	1950	152	3550	173	6500
132	2000	153	3650	174	6700
133	2060	154	3750	175	6900
134	2120	155	3875	176	7100
135	2180	156	4000	177	7300



Before fitting, it is essential to check the different markings to ensure that the tires meets the maximum load and speed possibilities and/or the regulations in force.

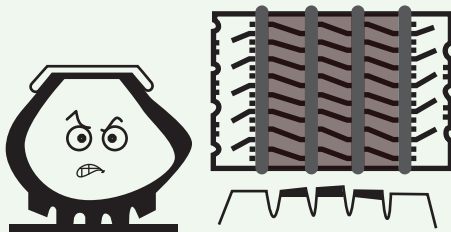
TIRE PRESSURE MANAGEMENT

INFLATION PRESSURE RECOMMENDATION

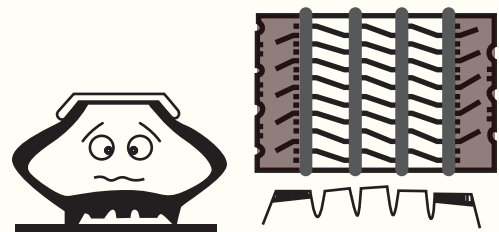


SAFETY

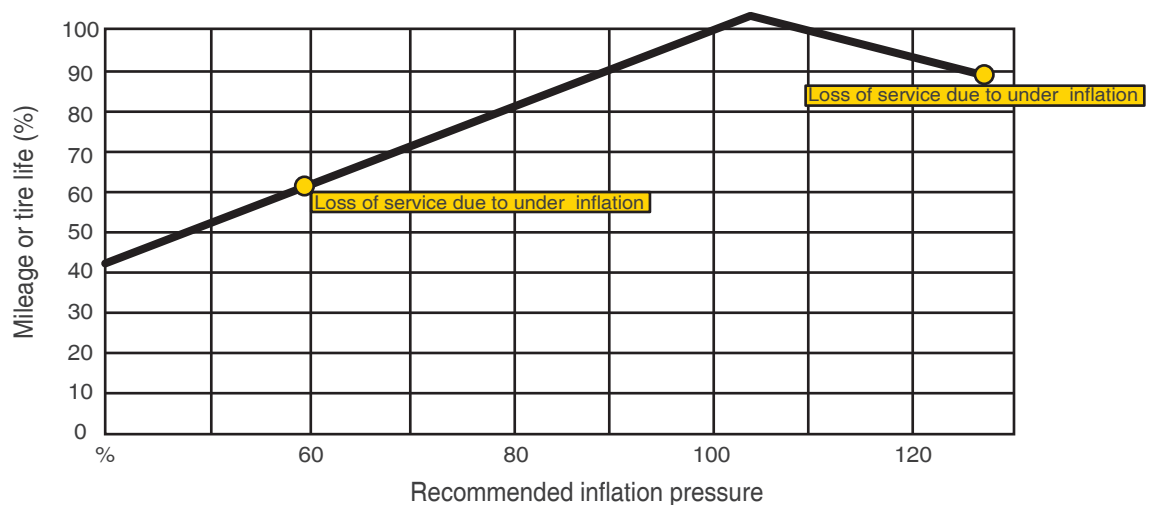
- Over-inflation reduces
 - Comfort
 - Grip
 - Safety
 - Braking distance
 - Tire life span, particularly on drive axle tires



- Under-inflation leads to
 - Reduced vehicle handling and safety
 - A reduction in casing retreadability
 - An increase of fuel consumption



Effect of inflation pressure on tire life

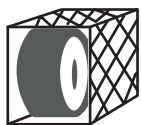


IMPORTANT INSTRUCTIONS FOR SAFE INFLATION

● ADVICE BEFORE INFLATION

- Weight your vehicle and its load, axle by axle, to determine tire pressure.
- Measure the pressure when cold (when the vehicle has been stationary for several hours): pressures must be checked at regular intervals and during each service.
- Important safety instruction: pressure increases when the vehicle is in motion, never reduce the pressure of a hot tire.
- Pressure gauges: must be accurate, handled with care and calibrated regularly.

INFLATION METHOD



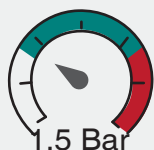
With inflation cage

Place the tire vertically in the inflation cage
Read the cage user manual



Without inflation cage

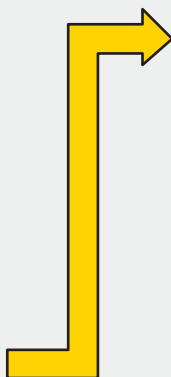
● Step 1 ●



Pre-inflate tire
up to 1.5 bars and STOP



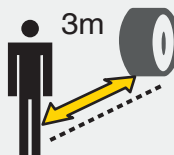
Check the tire.
If you have doubts stop
and call an expert



● Step 2 ●



Inflate up
to the appropriate pressure.



During inflation, stand in line
with the tire tread minimum
three meters away

TIRE PRESSURE MANAGEMENT

SPEED (km/h)	VARIATION IN LOAD CARRYING CAPACITY (%) (2)						Inflation pressure compensation (%) (*)
	Speed Symbol						
	F	G	J	K	L	M	
Static	+150.0	+150.0	+150.0	+150.0	+150.0	+150.0	+40
5	+110.0	+110.0	+110.0	+110.0	+110.0	+110.0	+40
10	+80.0	+80.0	+80.0	+80.0	+80.0	+80.0	+30
15	+65.0	+65.0	+65.0	+65.0	+65.0	+65.0	+25
20	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+21
25	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+17
30	+25.0	+25.0	+25.0	+25.0	+25.0	+25.0	+13
35	+19.0	+19.0	+19.0	+19.0	+19.0	+19.0	+11
40	+15.0	+15.0	+15.0	+15.0	+15.0	+15.0	+10
45	+13.0	+13.0	+13.0	+13.0	+13.0	+13.0	+9
50	+12.0	+12.0	+12.0	+12.0	+12.0	+12.0	+8
55	+11.0	+11.0	+11.0	+11.0	+11.0	+11.0	+7
60	+10.0	+10.0	+10.0	+10.0	+10.0	+10.0	+6
65	+7.5	+8.5	+8.5	+8.5	+8.5	+8.5	+4
70	+5.0	+7.0	+7.0	+7.0	+7.0	+7.0	+2
75	+2.5	+5.5	+5.5	+5.5	+5.5	+5.5	+1
80	0	+4.0	+4.0	+4.0	+4.0	+4.0	0
85		+2.0	+3.0	+3.0	+3.0	+3.0	0
90		0	+2.0	+2.0	+2.0	+2.0	0
95			+1.0	+1.0	+1.0	+1.0	0
100			0	0	0	0	0
110				0	0	0	0
120					0	0	0
130						0	0

The coefficients in this table are those of the ETRTO standard and are given for information only.

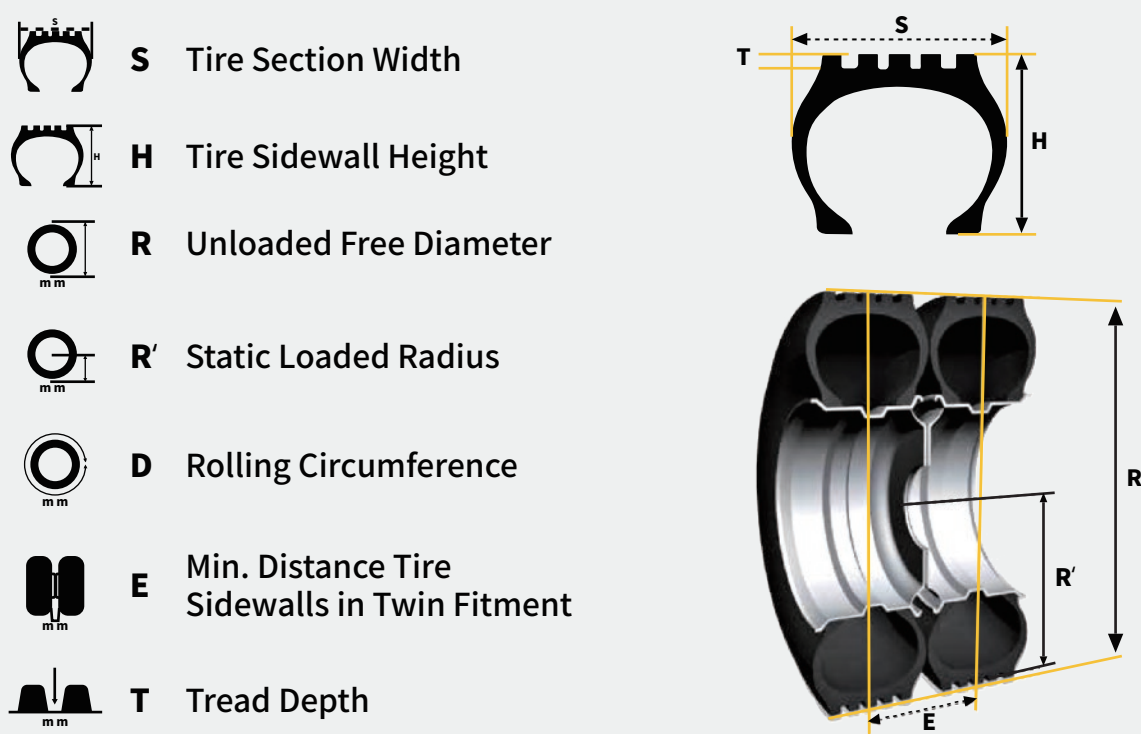
Contact us for all load capacities greater than the basic load limits given by tire markings and used in this brochure.

When the coefficients in these tables lead to pressure greater than 10 bars, you must reduce the maximum load capacity to an amount which corresponds to a maximum pressure of 10 bars.

If you wish to use pressure greater than 10 bars, consult us for the tires, check the maximum resistance of rims with your rim manufacturer and comply with regulations in force for fitting and use. The coefficients indicated in this table are taken from the ETRTO.

Urban-bus or City bus(M3 – class I): + 15% of the load indices marked on the tyre, when the average speed does not exceed 40 km/h.

Sub-urban bus or Interurban bus(M3 – class II): + 10% of the load indices marked on the tyre, when the operating speed is restricted to 60 km/h.



Qualified Warranty Participants

This warranty applies to the original owner or user of any new Blacklion radial truck tire sold through an authorized dealer. Tires eligible for warranty must bear the BLACKLION brand name, a complete D.O.T. serial identification number, not be stamped as Non-Adjustable (NA) and operated in normal driving conditions. Eligible tires must be on the vehicle on which they were originally installed, in conformance with the vehicle manufacturer's recommendations.

These tires are covered by this warranty for the life of the original usable tread depth (the original tread depth down to the level of treadwear indicators molded at 2/32 inch) within 72 months for from the date of purchase (proof of purchase required).

If proof of purchase is not available the coverage will be 72 months from the date of manufacture for all tires.

LABELLING EXPLAINED

EU implemented in 2012 tire labelling requirements regarding the display of information on fuel efficiency, wet grip and the external rolling noise of tires. (Regulation (EC) 1222/2009 with amendments (EC) 228/2011 and (EC) 1235/2011). Its aim was to increase the safety, environmental and economic efficiency of road transport in Europe. The labelling allows end-users to make more informed choices when purchasing tires.

The current labelling has now been in operation for 8 years and has been reviewed from several angles. To further enhance tire safety and environmental information to the public, the regulation (EC) 1222/2009 will be replaced with the upgraded regulation (EU) 2020/740. This regulation will start to apply as of 1 May 2021.

The main upgrades can be summarised:

- >The label layout will follow EU standard environmental protection labelling schemes
- >Public access to label and product information sheet via QR code added to label
- >Reorganisation of label classes. Only classes A-E will be available
- >Introduction of snow grip symbol on label (3PMSF)
- >Label will be added to truck tires (was not required before)

All tires that are placed on EU market as of 20 June 2020, will have to be registered in the EU energy labelling portal (EPREL).

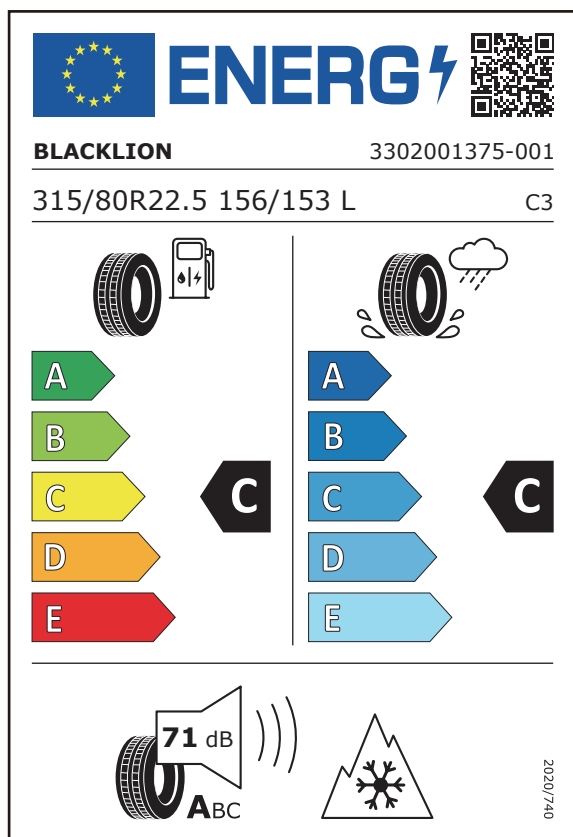
From 1 May 2021, the public will have access, via this EU portal, to information about all tires placed on EU market. Beside access to the digital label itself, a product information sheet can also be accessed.

Product Information Sheet

Delegated Regulation (EU) 2020/740

Supplier name or trademark	BLACKLION
Commercial name or trade designation	BF188
Tyre type identifier	3302001375-001
Tyre size designation	315/80R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual mounting)	153
Speed category symbol	L
Fuel efficiency class	C
Wet grip class	C
External rolling noise class	A
External rolling noise value	71 dB
Severe snow tyre	Yes
Date of start of production	22/20
Date of end of production	-
Additional information	
Load-capacity index (Single load index for Additional Service Description)	
Load-capacity index (Dual load index for Additional Service Description)	
Speed category symbol (for Additional Service Description)	

We at BLACKLION welcome this upgraded labelling system, we are convinced it will guide our customers towards using safer, quieter and more fuel-efficient tires. Our research and development team have taken great care in designing tires that meet the highest safety and environmental standards, and we are confident it will satisfy our customers.



WHAT DOES THE LABEL TELL YOU?

The truck tire label gives you details about the manufacturer, internal product code, and a description of the tire size and class.

It grades 4 Performance criteria:

- Fuel efficiency
- Wet Grip
- Exterior noise from contact with the road surface
- Snow grip

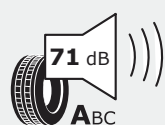
For fuel efficiency and wet grip, performance is expressed in 5 classes ranging from A (the most efficient) to E (the least efficient).

For noise, the measured value is present on the label together with the letters A, B, and C (A is the lowest noise rating and C is the highest noise rating).



SNOW GRIP

When the label has the 3PMSF symbol, it shows that the tire has passed a regulated objective test, indicating it has min. 25% better snow traction than a so-called SRTT tire. (Standard Reference Test Tire)



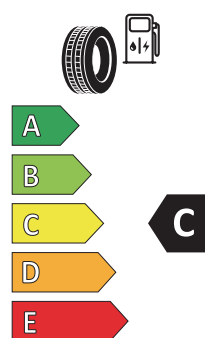
EXTERIOR NOISE

Exterior tire noise levels are split into 3 categories and measured in decibel (dB) in comparison with the EU Regulative noise levels (ECE117).

A = 3 dB less than the current EU limit value for this product

B = Compliant with the current EU limit value for this product

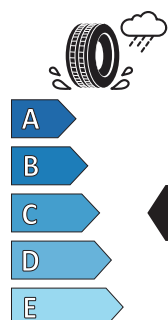
C = Non-compliant with the current EU limit value for this product



FUEL EFFICIENCY

Fuel consumption is influenced by the rolling resistance of the tires caused by tire deformation when rotating, resulting in energy losses in the form of heat. The higher the deformation, the higher the tire rolling resistance and consequently the more fuel is required to move the vehicle forward. In other words, lower rolling resistance means lower fuel consumption and therefore lower vehicle emissions, including CO₂.

The label displays different “rolling resistance” grades, where A is the most “fuel efficient” and E the least efficient in class. The black arrow next to the grading indicates the performance level of the product. Customers should be made aware that actual fuel savings and road safety depend heavily on the behavior of drivers, in particular the following: environmentally friendly driving can significantly reduce fuel consumption; tire pressure needs to be correct and regularly checked for optimum fuel efficiency.



WET GRIP

The most important role of a tire is to provide safety – in all weather conditions. Wet traction or grip is one of the most important performance characteristics of any tire.

There is typically a performance trade-off when combining noise, fuel efficiency and a safety performance like wet grip. The labelling will allow customers to prioritise for themselves their preferred type of performance.

The label displays a range of 5 grades, where tires with an “A” provide the highest levels of wet grip and “E” the lowest.



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