Continental
The Future in Motion

Technical Databook 2014 · 2015

Car › 4 x 4 › Van

www.continental-tires.com

Continental
The Future in Motion

This data book contains comprehensive information on our car, 4x4, LT (light truck) and van tyres.

The instructions and data given in this data book are valid for all tyre brands of Continental AG (see logos on the right), if not otherwise specified.

Instructions and data exclusively valid for the tyre brand Continental are specially marked or displayed on separate pages.

Tyre safety tips

The technical data and other details on tyres and accessories have been compiled to reflect as exactly and completely as possible the current state of development and are based on **ETRTO**[1], **ISO**[2], **WdK** and **DIN**[3] standards.

Most of the tyres of Continental AG comply with **DOT**[4] regulations and are marked accordingly.

They are homologated in accordance with the relevat **UN / ECE**[5] regulation (ZR tyres without service description in accordance with EU guideline 92/23).

This databook is intended for information and instruction only. No liability whatsoever will be accepted for damage, regardless of its nature and its legal basis, arising from advice given in this book.

We recommend that the **inflation pressure** of every tyre is **checked** and adjusted at least **every 14 days.** This does also apply for vehicles equipped with a tyre pressure monitoring system (TPMS). Avoid driving over sharp-edged or pointed objects.

Lower inflation pressures, greater loads or higher speeds than specified by the vehicle and / or tyre manufacturer all shorten the **service life** of tyres and can result in structural damages.

We recommended that **new tyres** are **run in** at moderate speeds for the first 120 to 190 miles (200 to 300 km) to roughen the tread surface. The tyre does not achieve its best performance until after this running-in period.

We recommend all wheel positions are fitted with tyres of the **same tread pattern.**

It is especially important that Continental SSR runflat tyres*) not be mixed with standard tyres.

Please observe the detailed operating instructions on page 98 ff.

SAFETY WARNING!

The instructions given in this databook must be observed to ensure vehicle safety at all times. This applies especially with respect to tyre inflation pressure recommendations.

Non-compliance with these instructions means risking tyre damage which, if serious enough, may result in a tyre bursting. It is hazards like these that can cause traffic accidents involving vehicle damage and / or serious personal injury.

[1] ETRTO – The European Tyre and Rim Technical Organisation, Brussels

[2] ISO – International Organization for Standardization

[3] DIN – German Institute for Standardisation, Berlin
WdK – German Rubber Manufacturers' Association, Frankfurt / M.

[4] DOT – Department of Transportation (USA)

[5] ECE – Economic Commission for Europe (UNO-Institution, Geneva)

*) only available for tyre brand Continental
See page 21 for further details

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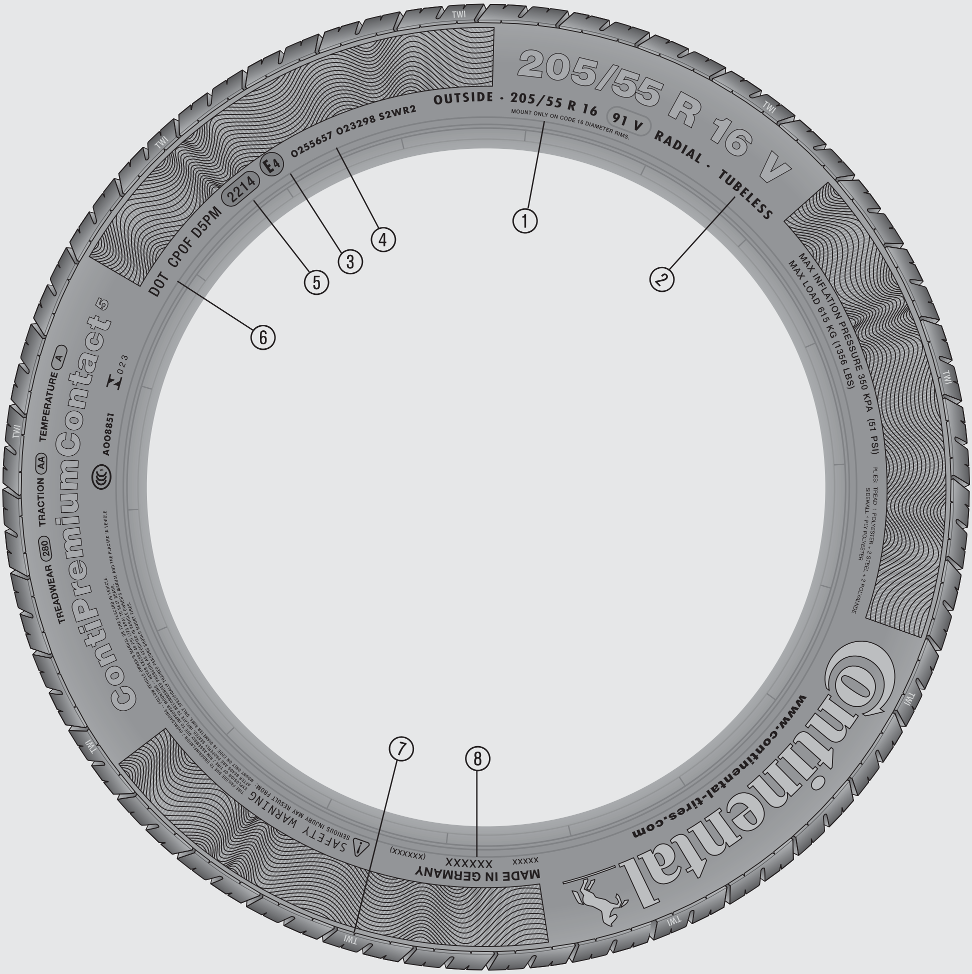
TD C 07/2014 **0130 1622**

Passenger car tyres

Van tyres

Operating instructions


205/55 R 16 V
OUTSIDE · 205/55 R 16 91 V RADIAL · TUBELESS
MOUNT ONLY ON CODE 16 DIAMETER RIMS.
DOT CPOF D5PM 2214
E4 0255657 023298 S2WR2
MAX INFLATION PRESSURE 350 KPA (51 PSI)
MAX LOAD 615 KG (1356 LBS)
PLIES: TREAD 1 POLYESTER + 2 STEEL + 2 POLYAMIDE
SIDEWALL 1 PLY POLYESTER
Continental
www.continental-tires.com
MADE IN GERMANY
XXXXXX
xxxxx
(xxxxxx)
SAFETY WARNING
ContiPremiumContact 5
TREADWEAR 280 TRACTION AA TEMPERATURE A
A008851
TWI
1
2
3
4
5
6
7
8

Example data for ContiPremiumContact 5 (tyre brand Continental). The specifications on a tyre sidewall are standardised and apply for other tyre brands accordingly.

① **205/55 R 16 91 V**

205 Nominal section width in mm.

55 Nominal aspect ratio
(Tyre height is 55 % of tyre width).

R Symbol for radial tyre
(or **RF** for run flat tyres).

16 Rim diameter code.

91 Load Index "91" = max. load of this tyre is 615 kg (see table page 8).

V Speed Symbol, indicating max. speed:
V=240 km/h / 150 mph (see table page 8).

Other information may be added after the size marking:

"REINFORCED" or **"EXTRA LOAD (XL)"**
for reinforced tyres, **"M+S"** for winter tyres.


Snowflake designation: This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

② **TUBELESS**
tubeless.
(TUBE TYPE tyres must be mounted with tubes).

③ **E 4**
Marking indicating accordance with UN / ECE regulations. The number after the E in the circle indicates the country of homologation.

(4=Netherlands).

④
Approval number acc. to relevant UN / ECE regulation.

⑤ **2214**
Production code („22" means 22nd week „14" means 2014).

⑥ **DOT**
DOT = Department of Transportation, USA.

⑦ **TWI**
TWI = Tread Wear Indicator.
Cross ribs evenly spaced around the circumference of the tyre in the longitudinal tread grooves and becoming level with the tread surface when the remaining tread depth is down to 1.6 mm.

⑧ **Made in ...**
Marking showing the country of origin.

Including Load Index and Speed Index

Load Index (LI)

The Load Index is a numerical code associated with the maximum load a tyre can carry (see also p. 102).

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
50	190	65	290	80	450	95	690	110	1060
51	195	66	300	81	462	96	710	111	1090
52	200	67	307	82	475	97	730	112	1120
53	206	68	315	83	487	98	750	113	1150
54	212	69	325	84	500	99	775	114	1180
55	218	70	335	85	515	100	800	115	1215
56	224	71	345	86	530	101	825	116	1250
57	230	72	355	87	545	102	850	117	1285
58	236	73	365	88	560	103	875	118	1320
59	243	74	375	89	580	104	900	119	1360
60	250	75	387	90	600	105	925	120	1400
61	257	76	400	91	615	106	950	121	1450
62	265	77	412	92	630	107	975	122	1500
63	272	78	425	93	650	108	1000	123	1550
64	280	79	437	94	670	109	1030	124	1600

Speed Symbol (SSY)

The Speed Symbol indicates the maximum speed at which the tyre can carry a load corresponding to its Load Index.

SI	Max. speed for **passenger car tyres**	
M	81 mph[1)]	130 km/h[1)]
P	93 mph	150 km/h
Q	100 mph	160 km/h
R	106 mph	170 km/h
S	112 mph	180 km/h
T	118 mph	190 km/h
H	130 mph	210 km/h
V	150 mph	240 km/h
W	169 mph	270 km/h
Y	187 mph	300 km/h
(...Y)	over 187 mph[2)]	over 300 km/h[2)]
ZR	over 150 mph	over 240 km/h

SI	Reference speed for **commercial vehicle tyres**	
K	69 mph	110 km/h
L	75 mph	120 km/h
M	81 mph	130 km/h
N	87 mph	140 km/h
P	93 mph	150 km/h
Q	100 mph	160 km/h
R	106 mph	170 km/h
S	112 mph	180 km/h
T	118 mph	190 km/h
H	130 mph	210 km/h

[1)] As a rule only used for special spare tyres if they qualify according to UN / ECE Regulation 30. In accordance with UN / ECE Regulation 64 governing the use of special spare tyres, even higher speed rated tyres may only be used up to a maximum speed of 50 mph (80 km/h).

[2)] See page 107, table 4 for details.

The technical data in the tables comply generally with international standards.

All **dimensions** in the tables of this databook are given in millimetres (mm), if not indicated in a different way.

The **rim diameter** is given in inch code. Tyre ranges on new rim types may also be marked in mm.

Construction measurements are theoretical values for the design of the tyre: The **width** is relative to the smooth sidewall, the **outer diameter** to the tread centre.

Maximum measurements are actual **operating measurements** of the inflated tyre (operating pressure) in the unloaded state. They include growth but exclude dynamic distortions.

The **width** is the max. permitted tyre width, including sidewall decorative markings, when the tyre is mounted on the correct rim.

The **outer diameter** is the max. permitted diameter. The max. measurements are binding for **vehicle designers**.

The **static radius** is the distance between the wheel centre and the ground contact patch under max. load at the recommended tyre pressure.

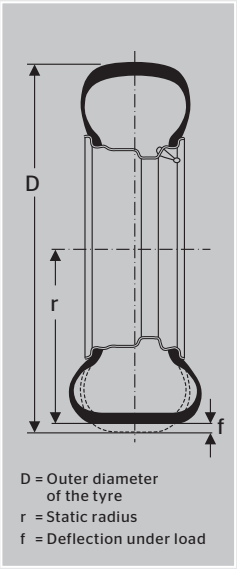
The **rolling circumference** is the distance covered by a point on the circumference when the tyre revolves once at 60 km/h (37 mph).

The **load capacity** is indicated in kilograms (kg).

Tyre pressure (inflation pressure) is given in bar as an overpressure (cold tyre), for driving speeds **to 160 km/h (100 mph).**

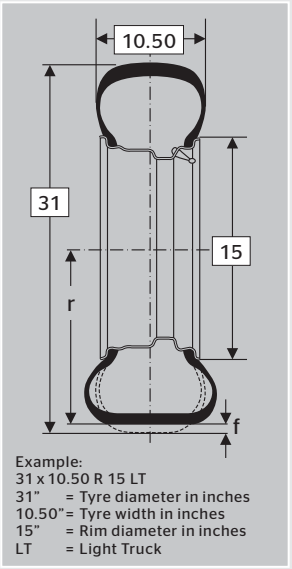
Vehicle designers should bear in mind the **maximum values** for tyre outer diameter and width when planning the **wheel space of a vehicle,** if all standard approved tyres are to fit without any restrictions.

Standard sizes

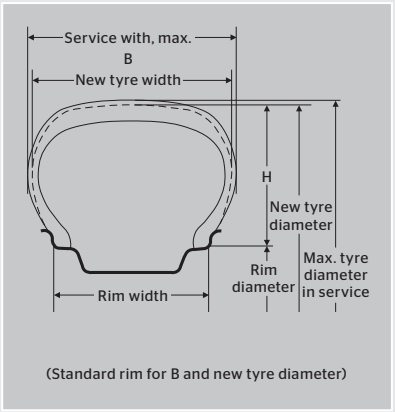


D = Outer diameter of the tyre
r = Static radius
f = Deflection under load

Flotation sizes (4x4)



Example:
31 x 10.50 R 15 LT
31" = Tyre diameter in inches
10.50" = Tyre width in inches
15" = Rim diameter in inches
LT = Light Truck



(Standard rim for B and new tyre diameter)

ContiSportContact™ 5P

For sporty vehicles and SUVs
- Optimised for the different demands on the front and rear axles
- Improved grip and stability when cornering, sporty handling
- Short stopping distances particularly in the wet

Also available as SSR runflat tyre and with noise reducing ContiSilent™ technology.
See page 21 /23 for further details.

Tyre dimensions *)
- Tyre width 225–335 mm
- Rim size 18–23 inch
- Speed Symbol Y / Z
- Tyre cross-section series 25–45

Front axle **) / all wheel positions

Rear axle**)

ContiSportContact™ 5

For mid-sized and high performance class vehicles and SUVs
- Short braking distances on wet and dry road surface
- High grip and safety on bends

Also available as SSR runflat tyre, ContiSeal™ tyre and with noise reducing ContiSilent™ technology.
See page 21–23 for further details.

Tyre dimensions *)
- Tyre width 205–315 mm
- Rim size 17–22 inch
- Speed Symbol H / V / W / Y
- Tyre cross-section series 35–60

ContiSportContact™ 5P

**) Special tyres for front and rear axle offer maximum safety and driving pleasure. The “P” in the product name stands for the additional sporty performance.

Additional safety feature in the tread design: summer TWI informs the driver when the remaining tyre tread is 3 mm.

ContiSportContact™ 3

For mid-sized and high performance class vehicles
- High braking performance on dry and wet surfaces
- Excellent protection against aquaplaning

Also available as SSR runflat tyre, ContiSeal™ tyre and with noise reducing ContiSilent™ technology.
See page 21–23 for further details.

Tyre dimensions *)
- Tyre width 195–315 mm
- Rim size 16–22 inch
- Speed Symbol V / W / Y / Z
- Tyre cross-section series 25–55

Conti.eContact™

High technology with craftsmanship
Focus on hybrid and electric vehicles
- EU label value A in rolling resistance and braking performance in the wet
- Excellent dry handling and short braking distances
- Better wet performance
- ContiSilent™ technology reduces interior noise

Tyre dimensions *)
Focus hybrid vehicles
- Tyre width 215–255 mm
- Rim size 17+18 inch
- Speed Symbol V / W
- Tyre cross-section series 50+60

Focus electric vehicles
- Tyre width 125–205 mm
- Rim size 13+16 inch
- Speed Symbol M / Q
- Tyre cross-section series 55+80

ContiPremiumContact™ 5

For mid-sized and executive class vehicles

- Extremely high performance level in all areas, especially for wet and dry braking
- Optimised noise and rolling comfort for relaxed driving

Tyre dimensions *)

- Tyre width 165–235 mm
- Rim size 14–17 inch
- Speed Symbol T / H / V / W / Y
- Tyre cross-section series 50–70

ContiPremiumContact™ 2

For mid-sized and executive class vehicles

- Innovative 3-D tread grooves for highly precise steering behaviour
- Very high braking performance in dry and wet conditions

Also available as SSR runflat tyre and ContiSeal™ tyre.
See page 21/22 for further details.

Tyre dimensions *)

- Tyre width 155–245 mm
- Rim size 14–18 inch
- Speed Symbol T / H / V / W / Y
- Tyre cross-section series 40–70

ContiEcoContact™ 5

For mid-sized and executive class vehicles
- Very low rolling resistance for high mileage and reduced fuel consumption
- Shorter and safer braking distances in wet conditions

Also available as ContiSeal™ tyre.
See page 22 for further details.

Tyre dimensions *)
- Tyre width 165–235 mm
- Rim size 14–19 inch
- Speed Symbol T / H / V / W / Y
- Tyre cross-section series 45–70

ContiEcoContact™ 3

For compact class vehicles
- High mileage and low fuel consumption
- Reduces braking distance on wet and dry road surface

Tyre dimensions *)
- Tyre width 145–195 mm
- Rim size 13–15 inch
- Speed Symbol T / H
- Tyre cross-section series 55–80

WinterContact™ TS 850 P

Winter safety for mid-sized and luxury vehicles and SUVs

- Enhanced snow traction
- Improved handling on snow
- Better dry handling performance
- Reduced stopping distances

Tyre dimensions *)

- Tyre width 205–255 mm
- Rim size 16–20 inch
- Speed Symbol T / H / V / W
- Tyre cross-section series 35–70

ContiWinterContact™ TS 850

For compact and medium range vehicles

- Improved braking performance on snow, ice and wet roads
- Excellent driving stability in all winter conditions
- More economical thanks to reduced rolling resistance and increased mileage

Tyre dimensions *)

- Tyre width 155–225 mm
- Rim size 14–17 inch
- Speed Symbol T / H / V
- Tyre cross-section series 45–80

Snowflake designation:
This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

ContiWinterContact™ TS 800

M+S

For compact range vehicles
- Superb cornering stability and traction
- Excellent performance on snow and ice
- Outstanding protection against aquaplaning

Tyre dimensions *)
- Tyre width 125–195 mm
- Rim size 13–15 inch
- Speed Symbol Q / T
- Tyre cross-section series 50–80

ContiWinterContact™ TS 830 P

M+S

Pattern variant (BMW, MB)

For high-performance vehicles
- Exceptional braking power on snow, ice and wet roads
- Better snow traction
- Higher mileage

Also available as SSR runflat tyre and ContiSeal™ tyre.
See page 21 / 22 for further details.

Tyre dimensions *)
- Tyre width 195–295 mm
- Rim size 15–20 inch
- Speed Symbol T / H / V / W
- Tyre cross-section series 30–65

ContiWinterContact™ TS 810 Sport

M+S

For powerful medium range and luxury vehicles

- Outstanding performance in all winter conditions
- Superb handling and braking on dry roads
- Excellent aquaplaning safety

Also available as SSR runflat tyre.
See page 21 for further details.

Tyre dimensions *)

- Tyre width 175–285 mm
- Rim size 15–20 inch
- Speed Symbol T / H / V / W
- Tyre cross-section series 35–65

Snowflake designation:
This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

*) EU label values per article number see www.eu-tyre-label.com

ContiCrossContact™ UHP

Top performance on asphalt

- Short braking distances thanks to bionic contour
- High cornering stability and large safety reserves
- Outstanding handling and driving enjoyment

Also available as SSR runflat tyre.
See page 21 for further details.

Tyre dimensions *)

- Tyre width 215–315 mm
- Rim size 16–23 inch
- Speed Symbol T / H / V / W / Y / Z
- Tyre cross-section series 30–65

Conti4x4SportContact™

Top performance on asphalt

- Suitable for high-speed road use
- Good cornering stability
- Good protection against aquaplaning

Tyre dimensions *)

- Tyre width 275–315 mm
- Rim size 19–20 inch
- Speed Symbol Y / Z
- Tyre cross-section series 35–45

ContiCrossContact™ LX 2

For a wide variety of surfaces
- Excellent dry and wet braking performance and very good handling properties
- High mileage and high level of driving comfort
- Outstanding traction in light off-road use

Tyre dimensions *)
- Tyre width 205–285 mm
- Rim size 15–20 inch
- Speed Symbol S / T / H / V / W
- Tyre cross-section series 50–75

ContiCrossContact™ LX

For a wide variety of surfaces
- Excellent handling and braking performance for on-road and general off-road use
- Precise steering response and superb straight-line tracking
- Good protection against aquaplaning

Tyre dimensions *)
- Tyre width 195–265 mm
- Rim size 16–18 inch
- Speed Symbol S / T / H / V
- Tyre cross-section series 60–70

ContiCrossContact™ LX Sport

For a wide variety of surfaces
- Outstanding handling for on-road and general off-road use
- Very good braking characteristics on dry and wet roads
- Optimised rolling resistance

Tyre dimensions *)
- Tyre width 215–315 mm
- Rim size 16–22 inch
- Speed Symbol T / H / V / W / Y
- Tyre cross-section series 40–70

Conti4x4Contact™

For a wide variety of surfaces
- Excellent noise level and comfort in on-road use
- Good protection against aquaplaning
- Superb traction both on the road and in general off-road usage

Tyre dimensions *)
- Tyre width 185–275 mm
- Rim size 15–20 inch
- Speed Symbol R / S / T / H / V
- Tyre cross-section series 45–80

ContiCrossContact™ AT

For off-road use
- High-performance all-terrain tyre, superb on and off-road performance
- Excellent traction
- Outstanding mileage performance and quiet ride

Tyre dimensions *)
- Tyre width 205–275 mm
- Rim size 15–18 inch
- Speed Symbol S / T / H
- Tyre cross-section series 60–85

ContiCrossContact™ Winter

M+S

For SUVs and off-road vehicles
- Excellent traction and braking performance on snow-covered and wet roads
- High protection against aquaplaning
- Quiet ride and low rolling resistance

Tyre dimensions *)
- Tyre width 175–295 mm
- Rim size 15–22 inch
- Speed Symbol Q / T / H / V
- Tyre cross-section series 35–85

Conti4x4WinterContact™

M+S

For fast and heavy SUVs and off-road vehicles
- Excellent traction and braking performance on snow-covered and wet roads
- High protection against aquaplaning
- Excellent driving comfort and quiet ride

Also available as SSR runflat tyre.
See page 21 for further details.

Tyre dimensions *)
- Tyre width 215–275 mm
- Rim size 16–19 inch
- Speed Symbol T / H / V
- Tyre cross-section series 50–65

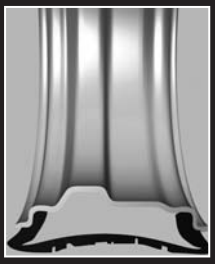
Snowflake designation:
This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

The SSR tyres from Continental – advanced runflat technology.

- Reduced danger and hassle
- Drive to safety for up to 80 kilometres of 80 km/h
- Compatible with standard wheel rims (H 2)
- No need for a spare wheel and jack

The secret of SSR.
Continental's SSR tyres use reinforced sidewalls to support the vehicle in the event of a loss of air pressure.

SSR technology prevents the side of the flat tyre from being crushed between the road and wheel rim.



Standard tyres

The deflated tyre gets trapped beneath the rim and is destroyed.

SSR runflat tyres

The stable sidewalls support the tyre if it loses air.

Increased safety thanks to reinforced sidewalls.
SSR tyres allow for a controlled continuation of your journey at a reduced speed of up to a distance of 80 km at a maximum speed of 80 km/h depending on the condition of the roads, the condition of the tyre and the weight of the vehicle.

Communication between tyre and driver.
As SSR tyres offer a very high standard of driving comfort, the driver will barely notice any loss of pressure in the tyre. For this reason, Continental SSR tyres may only be used on vehicles equipped with a tyre pressure monitoring system, which will display the drop in tyre pressure on the dashbord instrument panel.

Note:
SSR tyres may only be fitted on vehicles for which they are approved by the vehicle manufacturer and that are equipped with a tyre pressure monitoring system.

The brochure "SSR Runflat Tyres – Important information for drivers" contains important details about using SSR runflat tyres.

The tread patterns and sizes available as SSR runflat tyre can be found in the current product range of summer and winter passenger tyres.

As dealer, you need to get training and certification for the professional mounting and removal of SSR tyres under www.conti-ssr.co.uk – see also www.conti-ssr.com

(SSR training, product information and certificate).

ContiSeal™ – the self-sealing standard production tyre from Continental.

For enhanced mobility and safety, even if a foreign object penetrates the tyre tread.

ContiSeal tyres contain an innovative technology which seals punctures in the tread area. ContiSeal tyres have a sticky, viscous layer from shoulder to shoulder that instantly seals punctures caused by nails and other objects up to 5 mm in diameter. The layer temporarily seals the vast majority of tyre tread punctures.

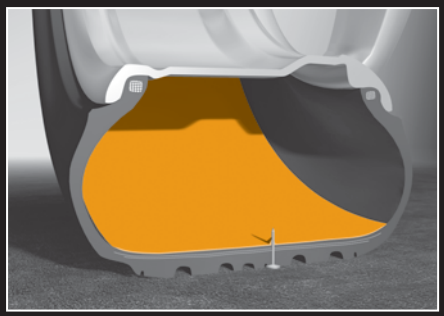
The material in the sealant layer prevents air loss even if the penetrating object becomes dislodged. As a result there is no need to stop straight away or change the tyre immediately in the event of a puncture. Despite this, the tyre should be taken as soon as possible to a tyre specialist who can examine it to determine if it needs a permanent repair.

ContiSeal tyres are instantly recognisable by the nail symbol on the sidewall and are compatible with all commonly available wheel rims.

ContiSeal tyres – the benefits at a glance:

- punctures in the tread area caused by penetrating objects up to 5 mm in diameter are sealed
- holes are sealed even if the penetrating object becomes dislodged
- same high performance under normal driving conditions as non ContiSeal tyres
- no need to stop straight away or change the tyre

For detailed information about ContiSeal tyres – use, inspection, storing, mouting / demounting, repair, disposal – please see www.contiseal.com



ContiSilent™ – the tyre for less interior noise.

- Reduced interior noise on all road surfaces
- ContiSilent functions in all weather conditions
- No change in any other driving performance charateristics
- No negative influence on mileage and load / speed capability
- Same mounting and storage as for standard tyres

Technical highlights.

ContiSilent is a tyre noise-reducing technology developed by Continental. It is designed to reduce interior noise on all road surfaces. ContiSilent tyres are equipped with an inner tyre absorber, a polyurethane foam, attached to the inner surface of the tread area with an adhesive. Regardless of the temperature, the structure of the foam stays intact.

ContiSilent helps reduce interior vehicle noise up to 9 dB(A), depending on the type of vehicle, its speed and the road surface. At the moment it is only available for summer tyres and is compatible with all commonly available rims. Driving performance is not affected and there is no negative influence on mileage and load / speed capability. Fitting on four positions is recommended.

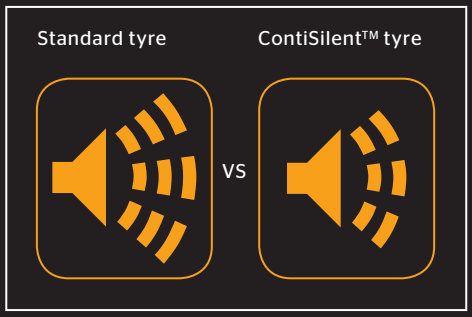
ContiSilent™ principle.

ContiSilent tyre.

A ContiSilent tyre contains a polyether-based polyurethane foam. It is firmly attached to an adhesive layer on the inner surface of the tyre tread area.

Interior noise.

Even while driving at high speeds, the ContiSilent tyre reduces road noise inside the vehicle by up to 9 dB (A). The level of reduction of interior noise depends on the type of vehicle, its speed and the road surface.



Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. +/– 2 % (mm)	Rolling circumference [3] +1.5 % –2.5 % (mm)
82 / 80 series							
175 R 13	86	530	4.50 B [4]	179			
			5.00 B [4]	**184**	622	274	1861
			5.50 B [4]	189			
			6.00 B [4]	194			
125/80 R 13	65	290	3.00 B [4]	126			
			3.50 B [4]	**131**	538	243	1617
			4.00 B [4]	136			
135/80 R 13	70	335	**3.50 B [4]**	**138**	554	249	1665
			4.00 B [4]	143			
			4.50 B [4]	148			
145/80 R 13	75	387	3.50 B [4]	146			
			4.00 B [4]	**151**	572	256	1714
			4.50 B [4]	156			
			5 J	161			
155/80 R 13	79	437	4.00 B [4]	158			
155/80 R 13 **XL**	83	487	**4.50 B [4]**	**163**	588	262	1763
			5.00 B [4]	168			
165/80 R 13	83	487	4.00 B [4]	167			
165/80 R 13 **XL**	87	545	**4.50 B [4]**	**172**	604	268	1812
			5.00 B [4]	177			
			5.50 B [4]	182			
145/80 R 14	76	400	3.50 B [4]	146			
			4.00 B [4]	**151**	598	268	1793
			4.50 B [4]	156			
			5.00 B [4]	161			
165/80 R 14	85	515	4 J	167			
			4 ½ J	**172**	630	281	1891
			5 J	177			
			5 ½ J	182			
175/80 R 14	88	560	4 ½ J	179			
			5 J	**184**	648	287	1940
			5 ½ J	189			
			6 J	194			
185/80 R 14 **Rf.**	94	670	4 ½ J	186			
			5 J	**191**	664	293	1989
			5 ½ J	196			
			6 J	201			
165/80 R 15	87	545	4 J	167			
			4 ½ J	**172**	655	293	1967
			5 J	177			
			5 ½ J	182			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
82 / 80 series							
195/80 R 15	96	710	5 J	199			
			5 ½ J	**204**	705	312	2114
			6 J	209			
			6 ½ J	214			
215/80 R 15	102	850	5 ½ J	220			
			6 J	**225**	739	325	2211
			6 ½ J	230			
			7 J	235			
205/80 R 16 **XL** / **Rf.**	104	900	5 J	206			
			5 ½ J	**211**	748	331	2239
			6 J	216			
			6 ½ J	221			
			7 J	226			
75 series							
205/75 R 15	97	730	5 J	206			
			5 ½ J	**211**	701	310	2101
			6 J	216			
			6 ½ J	221			
			7 J	226			
215/75 R 15	100	800	5 J	215			
			5 ½ J	220			
			6 J	**225**	715	316	2144
			6 ½ J	230			
			7 J	235			
225/75 R 15	102	850	**6 J**	**232**	733	322	2193
			6 ½ J	237			
			7 J	242			
			7 ½ J	247			
P 235/75 R 15	105	925	6 J	239			
235/75 R 15 **XL**	109	1030	**6 ½ J**	**244**	747	328	2236
			7 J	249			
			7 ½ J	254			
			8 J	259			
265/75 R 15	112	1120	7 J	273			
			7 ½ J	**278**	795	346	2376
			8 J	283			
			8 ½ J	288			
			9 J	293			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity				stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
75 series							
215/75 R 16 **XL**	107	975	5 ½ J	220			
			6 J	**225**	740	329	2220
			6 ½ J	230			
			7 J	235			
225/75 R 16	104	900	**6 J**	**232**	758	335	2269
225/75 R 16 **XL**	108	1000	6 ½ J	237			
			7 J	242			
			7 ½ J	247			
P 235/75 R 16	106	950	6 J	239			
235/75 R 16	108	1000	**6 ½ J**	**244**	772	341	2312
			7 J	249			
			7 ½ J	254			
			8 J	259			
245/75 R 16	111	1090	6 ½ J	253			
			7 J	**258**	788	347	2361
			7 ½ J	263			
			8 J	268			
265/75 R 16	116	1250	7 J	273			
			7 ½ J	**278**	820	358	2452
			8 J	283			
			8 ½ J	288			
			9 J	293			
235/75 R 17	109	1030	6 J	239			
			6 ½ J	**244**	798	353	2391
			7 J	249			
			7 ½ J	254			
			8 J	259			
70 series							
135/70 R 13	68	315	3.50 B [4]	139			
			4.00 B [4]	**144**	528	239	1586
			4.50 B [4]	149			
145/70 R 13	71	345	3.50 B [4]	146			
			4.00 B [4]	151			
			4.50 B [4]	**156**	542	244	1629
			5.00 B [4]	161			
155/70 R 13	75	387	4.00 B [4]	158			
			4.50 B [4]	**163**	556	250	1671
			5.00 B [4]	168			
165/70 R 13	79	437	4.00 B [4]	167			
165/70 R 13 **XL** / **Rf.**	83	487	4.50 B [4]	172			
			5.00 B [4]	**177**	572	255	1714
			5.50 B [4]	182			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
70 series							
175/70 R 13	82	475	4.50 B [4]	179			
175/70 R 13 **XL**	86	530	**5.00 B [4]**	**184**	586	261	1757
			5.50 B [4]	189			
			6.00 B [4]	194			
185/70 R 13	86	530	4.50 B [4]	187			
			5.00 B [4]	192			
			5.50 B [4]	**197**	600	266	1800
			6.00 B [4]	202			
155/70 R 14	77	412	4.00 B [4]	158			
			4.50 B [4]	**163**	582	262	1751
			5.00 B [4]	168			
165/70 R 14	81	462	4 J	167			
165/70 R 14 **XL** / **Rf.**	85	515	4.50 B [4]	172			
			5.00 B [4]	**177**	598	268	1793
			5.50 B [4]	182			
175/70 R 14	84	500	4 ½ J	179			
175/70 R 14 **XL**	88	560	**5.00 B [4]**	**184**	612	273	1836
			5.50 B [4]	189			
			6 J	194			
185/70 R 14	88	560	4 ½ J	187			
185/70 R 14 **XL**	92	630	5 J	192			
			5 ½ J	**197**	626	279	1879
			6 J	202			
195/70 R 14	91	615	5 J	199			
			5 ½ J	**204**	640	284	1922
			6 J	209			
			6 ½ J	214			
205/70 R 14 **XL**	98	750	5 J	207			
			5 ½ J	212			
			6 J	**217**	656	290	1964
			6 ½ J	222			
			7 J	227			
135/70 R 15	70	335	3 ½ J	139			
			4 J	**144**	579	264	1742
			4 ½ J	149			
155/70 R 15	78	425	4 J	158			
			4 ½ J	**163**	607	275	1827
			5 J	168			
195/70 R 15 **Rf.**	97	730	5 J	199			
			5 ½ J	204			
			6 J	**209**	665	297	1998
			6 ½ J	214			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
70 series							
205/70 R 15	96	710	5 J	207			
			5 ½ J	212			
			6 J	**217**	681	302	2040
			6 ½ J	222			
			7 J	227			
215/70 R 15	98	750	5 ½ J	220			
			6 J	225			
			6 ½ J	**230**	695	308	2083
			7 J	235			
225/70 R 15	100	800	6 J	232			
P 225/70 R 15			**6 ½ J**	**237**	709	313	2126
			7 J	242			
			7 ½ J	247			
235/70 R 15	103	875	6 J	240			
P 235/70 R 15			6 ½ J	245			
			7 J	**250**	725	319	2169
			7 ½ J	255			
			8 J	260			
255/70 R 15	108	1000	6 ½ J	260			
			7 J	265			
			7 ½ J	**270**	753	330	2254
			8 J	275			
			8 ½ J	280			
265/70 R 15	112	1120	7 J	273			
			7 ½ J	278			
			8 J	**283**	767	335	2297
			8 ½ J	288			
			9 J	293			
195/70 R 16	94	670	5 J	199			
			5 ½ J	204			
			6 J	**209**	690	310	2074
			6 ½ J	214			
205/70 R 16	97	730	5 J	207			
			5 ½ J	212			
			6 J	**217**	706	315	2117
			6 ½ J	222			
			7 J	227			
P 215/70 R 16	99	775	5 ½ J	220			
215/70 R 16	100	800	6 J	225			
			6 ½ J	**230**	720	321	2159
			7 J	235			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. +/– 2 % (mm)	Rolling circumference [3] +1.5 % –2.5 % (mm)
70 series							
225/70 R 16	102	850	6 J	232			
	103	875	**6 ½ J**	**237**	734	326	2202
225/70 R 16 **XL**	107	975	7 J	242			
			7 ½ J	247			
P 235/70 R 16	104	900	6 J	240			
235/70 R 16	106	950	6 ½ J	245			
			7 J	**250**	750	332	2245
			7 ½ J	255			
			8 J	260			
245/70 R 16	107	975	6 ½ J	253			
245/70 R 16 **XL**	111	1090	**7 J**	**258**	764	337	2288
			7 ½ J	263			
			8 J	268			
255/70 R 16	111	1090	6 ½ J	260			
			7 J	265			
			7 ½ J	**270**	778	342	2330
			8 J	275			
			8 ½ J	280			
265/70 R 16	112	1120	7 J	273			
	114	1180	7 ½ J	278			
			8 J	**283**	792	348	2373
			8 ½ J	288			
			9 J	293			
275/70 R 16	114	1180	7 J	280			
			7 ½ J	285			
			8 J	**290**	808	353	2416
			8 ½ J	295			
			9 J	300			
225/70 R 17 **XL**	108	1000	6 J	232			
			6 ½ J	**237**	760	339	2281
			7 J	242			
			7 ½ J	247			
235/70 R 17 **XL**	111	1090	6 J	240			
			6 ½ J	245			
			7 J	**250**	776	344	2325
			7 ½ J	255			
			8 J	260			
245/70 R 17	110	1060	6 ½ J	253			
			7 J	**258**	790	350	2367
			7 ½ J	263			
			8 J	268			
255/70 R 17	112	1120	6 ½ J	260			
			7 J	265			
			7 ½ J	**270**	804	355	2410
			8 J	275			
			8 ½ J	280			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
70 series							
265/70 R 17	115	1215	7 J	273			
			7 ½ J	278			
			8 J	**283**	818	361	2452
			8 ½ J	288			
			9 J	293			
265/70 R 18	116	1250	7 J	273			
			7 ½ J	278			
			8 J	**283**	843	373	2528
			8 ½ J	288			
			9 J	293			
65 series							
155/65 R 13	73	365	**4.50 B [4]**	**163**	540	244	1623
			5.00 B [4]	168			
			5.50 B [4]	173			
165/65 R 13	77	412	4.50 B [4]	172			
			5.00 B [4]	**177**	552	249	1659
			5.50 B [4]	182			
			6.00 B [4]	187			
175/65 R 13	80	450	**5.00 B [4]**	**184**	568	254	1702
			5.50 B [4]	189			
			6.00 B [4]	194			
155/65 R 14	75	387	**4.50 B [4]**	**163**	566	256	1702
			5.00 B [4]	168			
			5.50 B [4]	173			
165/65 R 14	79	437	4.50 B [4]	172			
			5.00 B [4]	**177**	578	261	1739
			5.50 B [4]	182			
			6 J	187			
175/65 R 14	82	475	**5.00 B [4]**	**184**	594	267	1781
175/65 R 14 **XL** / **Rf.**	86	530	5.50 B [4]	189			
			6 J	194			
185/65 R 14	86	530	5 J	192			
185/65 R 14 **XL**	90	600	**5 ½ J**	**197**	606	272	1818
			6 J	202			
			6 ½ J	207			
195/65 R 14	89	580	5 ½ J	204			
			6 J	**209**	620	277	1861
			6 ½ J	214			
			7 J	219			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
65 series							
145/65 R 15	72	355	4 J	151			
			4 ½ J	**156**	577	264	1735
			5 J	161			
155/65 R 15	77	412	**4 ½ J**	**163**	591	269	1778
			5 J	168			
			5 ½ J	173			
165/65 R 15	81	462	4 ½ J	172			
			5 J	**177**	603	274	1815
			5 ½ J	182			
			6 J	187			
175/65 R 15	84	500	**5 J**	**184**	619	279	1857
175/65 R 15 **XL**	88	560	5 ½ J	189			
			6 J	194			
185/65 R 15	88	560	5 J	192			
185/65 R 15 **XL** / **Rf.**	92	630	**5 ½ J**	**197**	631	284	1894
			6 J	202			
			6 ½ J	207			
195/65 R 15	91	615	5 ½ J	204			
195/65 R 15 **XL** / **Rf.**	95	690	**6 J**	**209**	645	289	1937
			6 ½ J	214			
			7 J	219			
205/65 R 15	94	670	5 ½ J	212			
205/65 R 15 **XL** / **Rf.**	99	775	**6 J**	**217**	657	294	1973
			6 ½ J	222			
			7 J	227			
			7 ½ J	232			
215/65 R 15	96	710	6 J	225			
215/65 R 15 **Rf.**	100	800	**6 ½ J**	**230**	673	300	2016
			7 J	235			
			7 ½ J	240			
195/65 R 16	92	630	5 ½ J	204			
			6 J	**209**	670	302	2013
			6 ½ J	214			
			7 J	219			
215/65 R 16	98	750	6 J	225			
215/65 R 16 **XL**	102	850	**6 ½ J**	**230**	698	312	2092
			7 J	235			
			7 ½ J	240			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
65 series							
235/65 R 16	103	875	6 ½ J	245			
			7 J	**250**	724	322	2172
			7 ½ J	255			
			8 J	260			
			8 ½ J	265			
255/65 R 16	109	1030	7 J	265			
			7 ½ J	**270**	752	332	2251
			8 J	275			
			8 ½ J	280			
			9 J	285			
215/65 R 17	98	750	6 J	225			
	99	775	**6 ½ J**	**230**	724	325	2172
			7 J	235			
			7 ½ J	240			
225/65 R 17	102	850	6 J	232			
225/65 R 17 **XL**	106	950	**6 ½ J**	**237**	736	330	2208
			7 J	242			
			7 ½ J	247			
			8 J	252			
235/65 R 17	103	875	6 ½ J	245			
	104	900	**7 J**	**250**	750	335	2251
235/65 R 17 **XL**	108	1000	7 ½ J	255			
			8 J	260			
			8 ½ J	265			
245/65 R 17	107	975	**7 J**	**258**	762	340	2288
245/65 R 17 **XL**	111	1090	7 ½ J	263			
			8 J	268			
			8 ½ J	273			
255/65 R 17	110	1060	7 J	265			
255/65 R 17 **XL**	114	1180	**7 ½ J**	**270**	778	345	2330
			8 J	275			
			8 ½ J	280			
			9 J	285			
265/65 R 17	112	1120	7 ½ J	278			
265/65 R 17 **XL**	116	1250	**8 J**	**283**	790	350	2367
			8 ½ J	288			
			9 J	293			
			9 ½ J	298			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
65 series							
275/65 R 17	115	1215	7 ½ J	285			
			8 J	**290**	804	355	2410
			8 ½ J	295			
			9 J	300			
			9 ½ J	305			
285/65 R 17	116	1250	8 J	299			
			8 ½ J	**304**	816	360	2446
			9 J	309			
			9 ½ J	314			
			10 J	319			
235/65 R 18	106	950	6 ½ J	245			
235/65 R 18 **XL**	110	1060	**7 J**	**250**	775	348	2327
			7 ½ J	255			
			8 J	260			
			8 ½ J	265			
255/65 R 18	111	1090	7 J	265			
			7 ½ J	**270**	803	358	2406
			8 J	275			
			8 ½ J	280			
			9 J	285			
265/65 R 18	114	1180	7 ½ J	278			
			8 J	**283**	815	363	2443
			8 ½ J	288			
			9 J	293			
			9 ½ J	298			
275/65 R 18	116	1250	7 ½ J	285			
			8 J	**290**	829	368	2486
			8 ½ J	295			
			9 J	300			
			9 ½ J	305			
60 series							
165/60 R 13	73	365	4.50 B [4]	172			
			5.00 B [4]	**177**	536	242	1610
			5.50 B [4]	182			
			6.00 B [4]	187			
175/60 R 13	77	412	**5 J**	**184**	548	247	1647
			5 ½ J	189			
			6 J	194			
185/60 R 13	80	450	5.00 B [4]	192			
			5.50 B [4]	**197**	560	252	1684
			6.00 B [4]	202			
			6 ½ J	207			

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See cover foldout for footnotes

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. +/– 2 % (mm)	Rolling circumference [3] +1.5 % –2.5 % (mm)
60 series							
165/60 R 14	75	387	4 ½ J	172			
165/60 R 14 **XL**	79	437	**5 J** [5]	**177**	562	255	1690
			5 ½ J	182			
			6 J	187			
175/60 R 14	79	437	**5 J** [5]	**184**	574	260	1726
			5 ½ J	189			
			6 J	194			
185/60 R 14	82	475	5 J	192			
			5 ½ J	**197**	586	264	1763
			6 J	202			
			6 ½ J	207			
195/60 R 14	86	530	5 ½ J	204			
			6 J	**209**	600	269	1800
			6 ½ J	214			
			7 J	219			
155/60 R 15	74	375	**4 ½ J**	**163**	575	263	1729
			5 J	168			
			5 ½ J	174			
165/60 R 15	77	412	4.50 B [4]	172			
			5.00 B [4]	**177**	587	268	1766
			5.50 B [4]	182			
			6.00 B [4]	187			
175/60 R 15	81	462	**5 J**	**184**	599	272	1803
			5 ½ J	189			
			6 J	194			
185/60 R 15	84	500	5 J	192			
185/60 R 15 **XL**	88	560	**5 ½ J**	**197**	611	277	1839
			6 J	202			
			6 ½ J	207			
195/60 R 15	88	560	5 ½ J	204			
195/60 R 15 **XL**	92	630	**6 J**	**209**	625	282	1876
			6 ½ J	214			
			7 J	219			
205/60 R 15	91	615	5 ½ J	212			
205/60 R 15 **XL** / **Rf.**	95	690	**6 J**	**217**	637	286	1912
			6 ½ J	222			
			7 J	227			
			7 ½ J	232			
215/60 R 15	94	670	6 J	225			
	95	690	**6 ½ J**	**230**	649	291	1949
215/60 R 15 **XL**	98	750	7 J	235			
			7 ½ J	240			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
60 series							
225/60 R 15	96	710	6 J	232			
			6 ½ J	**237**	661	296	1986
			7 J	242			
			7 ½ J	247			
			8 J	252			
235/60 R 15	98	750	6 ½ J	245			
			7 J	**250**	675	300	2022
			7 ½ J	255			
			8 J	260			
			8 ½ J	265			
255/60 R 15	102	850	7 J	265			
			7 ½ J	**270**	699	310	2095
			8 J	275			
			8 ½ J	280			
			9 J	285			
275/60 R 15	107	975	7 ½ J	285			
			8 J	**290**	725	319	2169
			8 ½ J	295			
			9 J	300			
			9 ½ J	305			
185/60 R 16	86	530	5 J	192			
			5 ½ J	**197**	636	290	1915
			6 J	202			
			6 ½ J	207			
195/60 R 16	89	580	5 ½ J	204			
195/60 R 16 **XL**	93	650	**6 J**	**209**	650	294	1952
			6 ½ J	215			
			7 J	220			
205/60 R 16	92	630	5 ½ J	212			
205/60 R 16 **XL**	96	710	**6 J**	**217**	662	299	1989
			6 ½ J	222			
			7 J	227			
			7 ½ J	232			
215/60 R 16	95	690	6 J	225			
215/60 R 16 **XL / Rf.**	99	775	**6 ½ J**	**230**	674	304	2025
			7 J	235			
			7 ½ J	240			
225/60 R 16	98	750	6 J	232			
225/60 R 16 **XL / Rf.**	102	850	**6 ½ J**	**237**	686	309	2062
			7 J	242			
			7 ½ J	247			
			8 J	252			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. +/– 2 % (mm)	Rolling circumference [3] +1.5 % –2.5 % (mm)
60 series							
235/60 R 16	100	800	6 ½ J	245			
235/60 R 16 **XL / Rf.**	104	900	**7 J**	**250**	700	313	2098
			7 ½ J	255			
			8 J	260			
			8 ½ J	265			
215/60 R 17	96	710	6 J	225			
			6 ½ J	**230**	700	317	2105
			7 J	235			
			7 ½ J	240			
P 225/60 R 17	98	750	6 J	232			
225/60 R 17	99	775	**6 ½ J**	**237**	712	321	2141
225/60 R 17 **XL**	103	875	7 J	242			
			7 ½ J	247			
			8 J	252			
235/60 R 17	102	850	6 ½ J	245			
235/60 R 17 **XL**	106	950	**7 J**	**250**	726	326	2178
			7 ½ J	255			
			8 J	260			
			8 ½ J	265			
255/60 R 17	106	950	7 J	265			
			7 ½ J	**270**	750	335	2251
			8 J	275			
			8 ½ J	280			
			9 J	285			
275/60 R 17	110	1060	7 ½ J	285			
			8 J	**290**	776	345	2324
			8 ½ J	295			
			9 J	300			
			9 ½ J	305			
P 225/60 R 18	99	775	6 J	232			
225/60 R 18	100	800	**6 ½ J**	**237**	737	334	2217
225/60 R 18 **XL**	103	875	7 J	242			
	104	900	7 ½ J	247			
			8 J	252			
235/60 R 18	103	875	6 ½ J	245			
235/60 R 18 **XL**	107	975	**7 J**	**250**	751	339	2254
			7 ½ J	255			
			8 J	260			
			8 ½ J	265			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
60 series							
P 245/60 R 18	104	900	**7 J**	**258**	763	343	2291
			7 ½ J	263			
			8 J	268			
			8 ½ J	273			
255/60 R 18	108	1000	7 J	265			
255/60 R 18 **XL**	112	1120	**7 ½ J**	**270**	775	348	2327
			8 J	275			
			8 ½ J	281			
			9 J	286			
265/60 R 18	110	1060	7 ½ J	278			
265/60 R 18 **XL**	114	1180	**8 J**	**283**	787	353	2364
			8 ½ J	288			
			9 J	293			
			9 ½ J	298			
275/60 R 18	113	1150	7 ½ J	285			
			8 J	**290**	801	357	2400
			8 ½ J	295			
			9 J	300			
			9 ½ J	305			
285/60 R 18	116	1250	8 J	299			
			8 ½ J	**304**	813	362	2437
			9 J	309			
			9 ½ J	314			
			10 J	319			
255/60 R 19	109	1030	7 J	265			
			7 ½ J	**270**	801	361	2406
			8 J	275			
			8 ½ J	280			
			9 J	285			
275/60 R 20 **XL**	119	1360	7 ½ J	285			
			8 J	**290**	852	383	2556
			8 ½ J	295			
			9 J	300			
			9 ½ J	305			

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See cover foldout for footnotes

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
55 series							
195/55 R 13	80	450	5.50 B [4]	204			
			6.00 B [4]	**209**	552	249	1659
			6 ½ J	214			
			7 J	219			
185/55 R 14	80	450	5 J	192			
			5 ½ J	197			
			6 J	**202**	568	257	1708
			6 ½ J	207			
175/55 R 15	77	412	5 J	184			
			5 ½ J	**189**	581	266	1748
			6 J	194			
185/55 R 15	81	462	5 J	192			
	82	475	5 ½ J	197			
185/55 R 15 **XL / Rf.**	86	530	**6 J**	**202**	593	270	1784
			6 ½ J	207			
195/55 R 15	85	515	5 ½ J	204			
195/55 R 15 **XL / Rf.**	89	580	**6 J**	**209**	603	274	1815
			6 ½ J	214			
			7 J	219			
205/55 R 15	88	560	5 ½ J	213			
			6 J	218			
			6 ½ J	**223**	617	278	1851
			7 J	228			
			7 ½ J	233			
225/55 R 15	92	630	6 J	232			
			6 ½ J	237			
			7 J	**242**	639	287	1918
			7 ½ J	247			
			8 J	252			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
55 series							
185/55 R 16	83	487	5 J	192			
185/55 R 16 **XL**	87	545	5 ½ J	197			
			6 J	**202**	618	283	1861
			6 ½ J	207			
195/55 R 16	87	545	5 ½ J	204			
195/55 R 16 **XL**	91	615	**6 J**	**209**	628	287	1891
			6 ½ J	214			
			7 J	219			
205/55 R 16	91	615	5 ½ J	213			
205/55 R 16 **XL**	94	670	6 J	218			
			6 ½ J	**223**	642	291	1928
			7 J	228			
			7 ½ J	233			
215/55 R 16	93	650	6 J	225			
215/55 R 16 **Rf.**	95	690	6 ½ J	230			
215/55 R 16 **XL**	97	730	**7 J**	**235**	652	295	1958
			7 ½ J	240			
225/55 R 16	95	690	6 J	232			
225/55 R 16 **XL**	99	775	6 ½ J	237			
			7 J	**242**	664	300	1995
			7 ½ J	247			
			8 J	252			
255/55 R 16	103	875	7 J	266			
			7 ½ J	271			
			8 J	**276**	698	313	2092
			8 ½ J	281			
			9 J	286			
195/55 R 17	88	560	5 ½ J	204			
			6 J	**209**	654	300	1970
			6 ½ J	214			
			7 J	219			
205/55 R 17	91	615	5 ½ J	213			
205/55 R 17 **XL**	95	690	6 J	218			
			6 ½ J	**223**	668	304	2007
			7 J	228			
			7 ½ J	233			
215/55 R 17	94	670	6 J	225			
215/55 R 17 **XL**	98	750	6 ½ J	230			
			7 J	**235**	678	308	2037
			7 ½ J	240			

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See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity				stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
	LI	kg					
55 series							
225/55 R 17	97	730	6 J	232			
225/55 R 17 **XL / Rf.**	101	825	6 ½ J	237			
			7 J	**242**	690	312	2074
			7 ½ J	247			
			8 J	252			
235/55 R 17	99	775	6 ½ J	245			
235/55 R 17 **XL / Rf.**	103	875	7 J	250			
			7 ½ J	**255**	700	317	2105
			8 J	260			
			8 ½ J	265			
245/55 R 17	102	850	7 J	258			
			7 ½ J	**263**	712	321	2141
			8 J	268			
			8 ½ J	273			
255/55 R 17	104	900	7 J	266			
			7 ½ J	271			
			8 J	**276**	724	325	2172
			8 ½ J	281			
			9 J	286			
275/55 R 17	109	1030	7 ½ J	285			
			8 J	290			
			8 ½ J	**295**	746	334	2239
			9 J	300			
			9 ½ J	305			
215/55 R 18	95	690	6 J	225			
215/55 R 18 **XL**	99	775	6 ½ J	230			
			7 J	**235**	703	321	2114
			7 ½ J	240			
225/55 R 18	98	750	6 J	232			
225/55 R 18 **XL**	102	850	6 ½ J	237			
			7 J	**242**	715	325	2150
			7 ½ J	247			
			8 J	252			
235/55 R 18	100	800	6 ½ J	245			
235/55 R 18 **XL**	104	900	7 J	250			
			7 ½ J	**255**	725	329	2181
			8 J	260			
			8 ½ J	266			
255/55 R 18	105	925	7 J	266			
255/55 R 18 **XL**	109	1030	7 ½ J	271			
			8 J	**276**	749	338	2248
			8 ½ J	281			
			9 J	286			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
55 series							
225/55 R 19	99	775	6 J	232			
225/55 R 19 **XL**	103	875	6 ½ J	237			
			7 J	**242**	741	338	2230
			7 ½ J	247			
			8 J	252			
235/55 R 19	101	825	6 ½ J	245			
235/55 R 19 **XL**	105	925	7 J	250			
			7 ½ J	**255**	751	342	2260
			8 J	260			
			8 ½ J	266			
245/55 R 19	103	875	7 J	258			
			7 ½ J	**263**	763	346	2297
			8 J	268			
			8 ½ J	273			
255/55 R 19 **XL**	111	1090	7 J	265			
			7 ½ J	270			
			8 J	**276**	775	351	2327
			8 ½ J	281			
			9 J	286			
275/55 R 19	111	1090	7 ½ J	285			
			8 J	290			
			8 ½ J	**295**	797	359	2394
			9 J	300			
			9 ½ J	305			
195/55 R 20 **XL**	95	690	5 ½ J	204			
			6 J	**209**	730	338	2202
			6 ½ J	214			
			7J	219			
235/55 R 20	102	850	6 ½ J	245			
			7 J	250			
			7 ½ J	**255**	776	355	2336
			8 J	260			
			8 ½ J	265			
255/55 R 20 **XL**	110	1060	7 J	265			
			7 ½ J	270			
			8 J	**276**	800	363	2403
			8 ½ J	281			
			9 J	296			
275/55 R 20 **XL**	117	1285	7 ½ J	285			
			8 J	290			
			8 ½ J	**295**	822	372	2471
			9 J	300			
			9 ½ J	305			

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See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions		Radius	Rolling circumference [3]
Size	Load Index	Load capacity		Max. standard value in operation [2]		stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
	LI	kg					
50 series							
175/50 R 13	72	355	5.00 B [4]	184			
			5.50 B [4]	**189**	514	233	1543
			6.00 B [4]	194			
185/50 R 14	77	412	5 J	192			
			5 ½ J	197			
			6 J	**202**	550	250	1653
			6 ½ J	207			
165/50 R 15	72	355	4 ½ J	172			
			5 J	**177**	553	255	1668
			5 ½ J	182			
195/50 R 15	82	475	5 ½ J	204			
			6 J	**209**	585	267	1760
			6 ½ J	214			
			7 J	219			
205/50 R 15	86	530	5 ½ J	213			
			6 J	218			
			6 ½ J	**223**	595	270	1790
			7 J	228			
			7 ½ J	233			
185/50 R 16	81	462	5 J	192			
			5 ½ J	197			
			6 J	**202**	600	275	1806
			6 ½ J	207			
195/50 R 16	84	500	5 ½ J	204			
195/50 R 16 **XL**	88	560	**6 J**	**209**	610	279	1836
			6 ½ J	214			
			7 J	219			
205/50 R 16	87	545	5 ½ J	213			
			6 J	218			
			6 ½ J	**223**	620	283	1867
			7 J	228			
			7 ½ J	233			
225/50 R 16	92	630	6 J	232			
	93	650	6 ½ J	237			
			7 J	**242**	642	291	1928
			7 ½ J	247			
			8 J	252			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
50 series							
205/50 R 17	89	580	5 ½ J	213			
205/50 R 17 **XL**	93	650	6 J	218			
			6 ½ J	**223**	646	296	1946
			7 J	228			
			7 ½ J	233			
215/50 R 17	91	615	6 J	225			
215/50 R 17 **XL**	95	690	6 ½ J	230			
			7 J	**235**	656	300	1976
			7 ½ J	240			
225/50 R 17	94	670	6 J	232			
225/50 R 17 **XL**	98	750	6 ½ J	237			
			7 J	**242**	668	304	2007
			7 ½ J	247			
			8 J	252			
235/50 R 17	96	710	6 ½ J	245			
235/50 R 17 **XL**	100	800	7 J	250			
			7 ½ J	**255**	678	308	2037
			8 J	260			
			8 ½ J	265			
245/50 R 17	99	775	7 J	258			
			7 ½ J	**263**	688	311	2068
			8 J	268			
			8 ½ J	273			
225/50 R 18	95	690	6 J	232			
225/50 R 18 **XL**	99	775	6 ½ J	237			
			7 J	**242**	693	316	2083
			7 ½ J	247			
			8 J	252			
235/50 R 18	97	730	6 ½ J	245			
235/50 R 18 **XL**	101	825	7 J	250			
			7 ½ J	**255**	703	320	2114
			8 J	260			
			8 ½ J	265			
245/50 R 18	100	800	7 J	258			
245/50 R 18 **XL**	104	900	**7 ½ J**	**263**	713	324	2144
			8 J	268			
			8 ½ J	273			
285/50 R 18	109	1030	8 J	299			
			8 ½ J	304			
			9 J	**309**	755	340	2266
			9 ½ J	314			
			10 J	319			

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See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
50 series							
235/50 R 19	99	775	6 ½ J	245			
235/50 R 19 **XL**	103	875	7 J	250			
			7 ½ J	**255**	729	333	2193
			8 J	260			
			8 ½ J	265			
255/50 R 19	103	875	7 J	266			
255/50 R 19 **XL**	107	975	7 ½ J	271			
			8 J	**276**	749	341	2254
			8 ½ J	281			
			9 J	286			
265/50 R 19	106	950	7 ½ J	278			
265/50 R 19 **XL**	110	1060	8 J	283			
			8 ½ J	**288**	759	345	2284
			9 J	293			
			9 ½ J	298			
275/50 R 19 **XL**	112	1120	7 ½ J	285			
			8 J	290			
			8 ½ J	**295**	771	349	2315
			9 J	300			
			9 ½ J	305			
245/50 R 20	102	850	7 J	258			
			7 ½ J	**263**	764	350	2300
			8 J	268			
			8 ½ J	273			
255/50 R 20 **XL**	109	1030	7 J	266			
			7 ½ J	271			
			8 J	**276**	774	353	2330
			8 ½ J	281			
			9 J	286			
265/50 R 20 **XL**	111	1090	7 ½ J	278			
			8 J	283			
			8 ½ J	**288**	784	357	2361
			9 J	294			
			9 ½ J	299			
275/50 R 20	109	1030	7 ½ J	285			
			8 J	290			
			8 ½ J	**295**	796	361	2391
			9 J	301			
			9 ½ J	306			
285/50 R 20	112	1120	8 J	299			
285/50 R 20 **XL**	116	1250	8 ½ J	304			
			9 J	**309**	806	365	2422
			9 ½ J	314			
			10 J	319			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
50 series							
295/50 R 20 **XL**	118	1320	8 J	306			
			8 ½ J	311			
			9 J	316			
			9 ½ J	**321**	816	369	2452
			10 J	326			
305/50 R 20 **XL**	120	1400	8 ½ J	319			
			9 J	324			
			9 ½ J	**329**	826	373	2482
			10 J	334			
			10 ½ J	339			
			11 J	344			
45 series							
195/45 R 13	75	387	6 J	198			
			6 ½ J	**203**	514	234	1543
			7 J	208			
			7 ½ J	213			
195/45 R 14	77	412	6 J	198			
			6 ½ J	**203**	540	246	1623
			7 J	208			
			7 ½ J	213			
195/45 R 15	78	425	6 J	198			
			6 ½ J	**203**	565	259	1699
			7 J	208			
			7 ½ J	213			
195/45 R 16	80	450	6 J	198			
195/45 R 16 **XL**	84	500	**6 ½ J**	**203**	590	272	1775
			7 J	208			
			7 ½ J	213			
205/45 R 16	83	487	6 ½ J	209			
205/45 R 16 **XL**	87	545	**7 J**	**214**	598	275	1800
			7 ½ J	219			
215/45 R 16	86	530	**7 J**	**222**	608	279	1830
215/45 R 16 **XL**	90	600	7 ½ J	227			
			8 J	232			
225/45 R 16	89	580	7 J	229			
			7 ½ J	**234**	616	282	1854
			8 J	239			
			8 ½ J	244			
245/45 R 16	94	670	7 ½ J	248			
			8 J	**253**	634	289	1909
			8 ½ J	258			
			9 J	263			

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See cover foldout for footnotes

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
45 series							
195/45 R 17	81	462	6 J	198			
			6 ½ J	**203**	616	284	1854
			7 J	208			
			7 ½ J	213			
205/45 R 17	84	500	6 ½ J	209			
205/45 R 17 **XL**	88	560	**7 J**	**214**	624	288	1879
			7 ½ J	219			
215/45 R 17	87	545	**7 J**	**222**	634	291	1909
215/45 R 17 **XL**	91	615	7 ½ J	227			
			8 J	232			
225/45 R 17	91	615	7 J	229			
225/45 R 17 **XL / Rf.**	94	670	**7 ½ J**	**234**	642	295	1934
			8 J	239			
			8 ½ J	244			
235/45 R 17	94	670	7 ½ J	240			
235/45 R 17 **XL**	97	730	**8 J**	**245**	652	298	1964
			8 ½ J	250			
			9 J	255			
245/45 R 17	95	690	7 ½ J	248			
245/45 R 17 **XL**	99	775	**8 J**	**253**	660	302	1989
			8 ½ J	258			
			9 J	263			
255/45 R 17	98	750	8 J	260			
255/45 R 17 **XL**	102	850	**8 ½ J**	**265**	672	305	2019
			9 J	270			
			9 ½ J	275			
215/45 R 18 **XL**	93	650	**7 J**	**222**	659	304	1986
			7 ½ J	227			
			8 J	232			
225/45 R 18	91	615	7 J	229			
225/45 R 18 **XL**	95	690	**7 ½ J**	**234**	667	308	2010
			8 J	239			
			8 ½ J	244			
235/45 R 18	94	670	7 ½ J	240			
235/45 R 18 **XL**	98	750	**8 J**	**245**	677	311	2040
			8 ½ J	250			
			9 J	255			
245/45 R 18	96	710	7 ½ J	248			
245/45 R 18 **XL**	100	800	**8 J**	**253**	685	315	2065
			8 ½ J	258			
			9 J	263			
255/45 R 18	99	775	8 J	260			
255/45 R 18 **XL**	103	875	**8 ½ J**	**265**	697	318	2095
			9 J	270			
			9 ½ J	275			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
45 series							
265/45 R 18	101	825	8 ½ J	272			
			9 J	**277**	705	322	2120
			9 ½ J	282			
			10 J	287			
275/45 R 18	103	875	8 ½ J	279			
			9 J	**284**	715	325	2150
			9 ½ J	289			
			10 J	294			
			10 ½ J	299			
225/45 R 19	92	630	7 J	229			
225/45 R 19 **XL**	96	710	**7 ½ J**	**234**	693	320	2089
			8 J	239			
			8 ½ J	244			
235/45 R 19	95	690	7 ½ J	240			
235/45 R 19 **XL**	99	775	**8 J**	**245**	703	324	2120
			8 ½ J	250			
			9 J	255			
245/45 R 19	98	750	7 ½ J	248			
245/45 R 19 **XL**	102	850	**8 J**	**253**	711	327	2144
			8 ½ J	258			
			9 J	263			
255/45 R 19	100	800	8 J	260			
255/45 R 19 **XL**	104	900	**8 ½ J**	**265**	723	331	2175
			9 J	270			
			9 ½ J	275			
265/45 R 19 **XL**	105	925	8 ½ J	272			
			9 J	**277**	731	334	2199
			9 ½ J	282			
			10 J	287			
275/45 R 19 **XL**	108	1000	8 ½ J	279			
			9 J	**284**	741	338	2230
			9 ½ J	289			
			10 J	294			
			10 ½ J	299			
285/45 R 19	107	975	9 J	291			
285/45 R 19 **XL**	111	1090	**9 ½ J**	**296**	749	341	2254
			10 J	301			
			10 ½ J	306			
295/45 R 19	109	1030	9 ½ J	302			
			10 J	**308**	759	345	2284
			10 ½ J	312			
			11 J	317			
235/45 R 20 **XL**	100	800	7 ½ J	241			
			8 J	**245**	728	336	2196
			8 ½ J	251			
			9 J	256			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity				stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
45 series							
245/45 R 20 **XL**	103	875	7 ½ J	248			
			8 J	**253**	736	340	2220
			8 ½ J	258			
			9 J	263			
255/45 R 20	101	825	8 J	260			
255/45 R 20 **XL**	105	925	**8 ½ J**	**265**	748	344	2251
			9 J	270			
			9 ½ J	275			
265/45 R 20	104	900	8 ½ J	272			
265/45 R 20 **XL**	108	1000	**9 J**	**277**	756	347	2275
			9 ½ J	282			
			10 J	287			
275/45 R 20 **XL**	110	1060	8 ½ J	279			
			9 J	**284**	766	351	2306
			9 ½ J	289			
			10 J	294			
			10 ½ J	299			
285/45 R 20 **XL**	112	1120	9 J	291			
			9 ½ J	**296**	774	354	2330
			10 J	301			
			10 ½ J	306			
295/45 R 20 **XL**	114	1180	9 ½ J	303			
			10 J	**308**	784	358	2361
			10 ½ J	313			
			11 J	318			
275/45 R 21	107	975	8 ½ J	279			
275/45 R 21 **XL**	110	1060	**9 J**	**284**	791	363	2382
			9 ½ J	289			
			10 J	294			
			10 ½ J	299			
285/45 R 21	109	1030	9 J	291			
			9 ½ J	**296**	799	367	2406
			10 J	301			
			10 ½ J	306			
285/45 R 22 **XL**	114	1180	9 J	291			
			9 ½ J	**296**	825	379	2486
			10 J	301			
			10 ½ J	306			
305/45 R 22 **XL**	118	1320	9 ½ J	310			
			10 J	**315**	843	386	2541
			10 ½ J	320			
			11 J	325			
			11 ½ J	330			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
40 series							
195/40 R 14	73	365	6 ½ J	203			
			7 J	**208**	518	239	1562
			7 ½ J	213			
195/40 R 16 **XL**	80	450	6 ½ J	203			
			7 J	**208**	568	264	1714
			7 ½ J	213			
215/40 R 16 **XL**	86	530	7 J	222			
			7 ½ J	**227**	584	270	1763
			8 J	232			
			8 ½ J	237			
225/40 R 16	85	515	7 ½ J	234			
			8 J	**239**	594	273	1787
			8 ½ J	244			
			9 J	249			
195/40 R 17 **XL**	81	462	6 ½ J	203			
			7 J	**208**	594	277	1793
			7 ½ J	213			
205/40 R 17 **XL**	84	500	7 J	215			
			7 ½ J	**220**	602	280	1818
			8 J	225			
215/40 R 17	83	487	7 J	222			
215/40 R 17 **XL**	87	545	**7 ½ J**	**227**	610	283	1842
			8 J	232			
			8 ½ J	237			
235/40 R 17	90	600	8 J	246			
			8 ½ J	**251**	628	289	1891
			9 J	256			
			9 ½ J	261			
245/40 R 17	91	615	8 J	253			
			8 ½ J	**258**	636	292	1915
			9 J	263			
			9 ½ J	268			
255/40 R 17	94	670	8 ½ J	265			
255/40 R 17 **XL**	98	750	**9 J**	**270**	644	295	1940
			9 ½ J	275			
			10 J	280			
205/40 R 18 **XL**	86	530	7 J	215			
			7 ½ J	**220**	627	293	1894
			8 J	225			
215/40 R 18	85	515	7 J	222			
215/40 R 18 **XL**	89	580	**7 ½ J**	**227**	635	296	1918
			8 J	232			
			8 ½ J	237			

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See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions		Radius	Rolling circumference [3]
Size	Load Index	Load capacity		Max. standard value in operation [2]		stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
	LI	kg					
40 series							
225/40 R 18	88	560	7 ½ J	234			
225/40 R 18 **XL**	92	630	**8 J**	**239**	645	299	1943
			8 ½ J	244			
			9 J	249			
235/40 R 18	91	615	8 J	246			
235/40 R 18 **XL**	95	690	**8 ½ J**	**251**	653	302	1967
			9 J	256			
			9 ½ J	261			
245/40 R 18	93	650	8 J	253			
245/40 R 18 **XL**	97	730	**8 ½ J**	**258**	661	305	1992
			9 J	263			
			9 ½ J	268			
255/40 R 18	95	690	8 ½ J	265			
255/40 R 18 **XL**	99	775	**9 J**	**270**	669	308	2016
			9 ½ J	275			
			10 J	280			
265/40 R 18 **XL**	101	825	9 J	277			
			9 ½ J	**282**	677	311	2040
			10 J	287			
			10 ½ J	292			
275/40 R 18	99	775	9 J	284			
275/40 R 18 **XL**	103	875	**9 ½ J**	**289**	685	314	2065
			10 J	294			
			10 ½ J	299			
			11 J	304			
225/40 R 19	89	580	7 ½ J	234			
225/40 R 19 **XL**	93	650	**8 J**	**239**	671	312	2022
			8 ½ J	244			
			9 J	249			
235/40 R 19	92	630	8 J	246			
235/40 R 19 **XL**	96	710	**8 ½ J**	**251**	679	315	2047
			9 J	256			
			9 ½ J	261			
245/40 R 19	94	670	8 J	253			
245/40 R 19 **XL**	98	750	**8 ½ J**	**258**	687	318	2071
			9 J	263			
			9 ½ J	268			
255/40 R 19	96	710	8 ½ J	265			
255/40 R 19 **XL**	100	800	**9 J**	**270**	695	321	2095
			9 ½ J	275			
			10 J	280			
265/40 R 19	98	750	9 J	277			
			9 ½ J	**282**	703	324	2120
			10 J	287			
			10 ½ J	292			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
40 series							
275/40 R 19	101	825	9 J	284			
275/40 R 19 **XL**	105	925	**9 ½ J**	**289**	711	327	2144
			10 J	294			
			10 ½ J	299			
			11 J	304			
285/40 R 19	103	875	9 ½ J	296			
285/40 R 19 **XL**	107	975	**10 J**	**302**	721	330	2169
			10 ½ J	307			
			11 J	312			
235/40 R 20 **XL**	96	710	8 J	246			
			8 ½ J	**251**	***	327	****
			9 J	256			
			9 ½ J	261			
245/40 R 20	95	690	8 J	253			
245/40 R 20 **XL**	99	775	**8 ½ J**	**258**	712	330	2147
			9 J	263			
			9 ½ J	268			
255/40 R 20	97	730	8 ½ J	265			
255/40 R 20 **XL**	101	825	**9 J**	**270**	720	334	2172
			9 ½ J	275			
			10 J	280			
265/40 R 20 **XL**	104	900	9 J	277			
			9 ½ J	**282**	728	337	2196
			10 J	288			
			10 ½ J	293			
275/40 R 20 **XL**	106	950	9 J	284			
			9 ½ J	**289**	736	340	2220
			10 J	294			
			10 ½ J	299			
			11 J	304			
295/40 R 20	106	950	10 J	308			
295/40 R 20 **XL**	110	1060	**10 ½ J**	**313**	754	346	2269
			11 J	318			
			11 ½ J	323			
255/40 R 21 **XL**	102	850	8 ½ J	265			
			9 J	**270**	745	346	2248
			9 ½ J	275			
			10 J	280			
265/40 R 21	101	825	9 J	277			
265/40 R 21 **XL**	105	925	**9 ½ J**	**282**	753	349	2272
			10 J	288			
			10 ½ J	293			
285/40 R 21 **XL**	109	1030	9 ½ J	297			
			10 J	**302**	771	356	2321
			10 ½ J	307			
			11 J	312			

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See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
40 series							
295/40 R 21 **XL**	111	1090	10 J	307			
			10 ½ J	**313**	779	359	2345
			11 J	318			
			11 ½ J	324			
315/40 R 21	111	1090	10 ½ J	328			
			11 J	**333**	795	365	2394
			11 ½ J	338			
			12 J	343			
			12 ½ J	348			
265/40 R 22 **XL**	106	950	9 J	277			
			9 ½ J	**282**	779	362	2352
			10 J	288			
			10 ½ J	293			
275/40 R 22 **XL**	108	1000	9 J	284			
			9 ½ J	**289**	787	365	2376
			10 J	294			
			10 ½ J	299			
			11 J	304			
285/40 R 22	106	950	9 ½ J	297			
			10 J	**302**	797	368	2400
			10 ½ J	307			
			11 J	312			
295/40 R 22 **XL**	112	1120	10 J	308			
			10 ½ J	**313**	805	371	2425
			11 J	318			
			11 ½ J	323			
305/40 R 22 **XL**	114	1180	10 J	316			
			10 ½ J	321			
			11 J	**326**	813	375	2449
			11 ½ J	331			
			12 J	336			
305/40 R 23 **XL**	115	1215	10 J	316			
			10 ½ J	321			
			11 J	**326**	838	387	2525
			11 ½ J	331			
			12 J	336			
285/40 R 24 **XL**	112	1120	9 ½ J	296			
			10 J	**302**	848	394	2556
			10 ½ J	307			
			11 J	312			
305/40 R 24 **XL**	117	1285	10 J	316			
			10 ½ J	321			
			11 J	**326**	864	400	2605
			11 ½ J	331			
			12 J	336			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
35 series							
215/35 R 17 **XL**	83	487	7 J	222			
			7 ½ J	**227**	588	275	1775
			8 J	232			
			8 ½ J	237			
245/35 R 17	87	545	8 J	253			
			8 ½ J	**258**	610	283	1842
			9 J	263			
			9 ½ J	268			
215/35 R 18 **XL**	84	500	7 J	222			
			7 ½ J	**227**	613	287	1851
			8 J	232			
			8 ½ J	237			
225/35 R 18 **XL**	87	545	7 ½ J	234			
			8 J	**239**	621	290	1876
			8 ½ J	244			
			9 J	249			
245/35 R 18	88	560	8 J	253			
245/35 R 18 **XL**	92	630	**8 ½ J**	**258**	635	295	1918
			9 J	263			
			9 ½ J	268			
255/35 R 18 **XL**	94	670	8 ½ J	265			
			9 J	**270**	643	298	1937
			9 ½ J	275			
			10 J	280			
265/35 R 18	93	650	9 J	277			
265/35 R 18 **XL**	97	730	**9 ½ J**	**282**	651	301	1961
			10 J	287			
			10 ½ J	292			
275/35 R 18	95	690	9 J	284			
275/35 R 18 **XL**	99	775	**9 ½ J**	**289**	657	304	1979
			10 J	294			
			10 ½ J	299			
			11 J	304			
285/35 R 18	97	730	9 ½ J	297			
285/35 R 18 **XL**	101	825	**10 J**	**302**	665	306	2004
			10 ½ J	307			
			11 J	312			
215/35 R 19 **XL**	85	515	7 J	222			
			7 ½ J	**227**	639	300	1931
			8 J	232			
			8 ½ J	237			

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See cover foldout for footnotes

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. +/– 2 % (mm)	Rolling circumference [3] +1.5 % –2.5 % (mm)
35 series							
225/35 R 19 **XL**	88	560	7 ½ J	234			
			8 J	**239**	647	303	1955
			8 ½ J	244			
			9 J	249			
235/35 R 19	87	545	8 J	246			
235/35 R 19 **XL**	91	615	**8 ½ J**	**251**	653	305	1973
			9 J	256			
			9 ½ J	261			
245/35 R 19 **XL**	93	650	8 J	253			
			8 ½ J	**258**	661	308	1998
			9 J	263			
			9 ½ J	268			
255/35 R 19	92	630	8 ½ J	265			
255/35 R 19 **XL**	96	710	**9 J**	**270**	669	311	2016
			9 ½ J	275			
			10 J	280			
265/35 R 19	94	670	9 J	277			
265/35 R 19 **XL**	98	750	**9 ½ J**	**282**	677	314	2040
			10 J	287			
			10 ½ J	292			
275/35 R 19 **XL**	100	800	9 J	284			
			9 ½ J	**289**	683	316	2059
			10 J	294			
			10 ½ J	299			
			11 J	304			
285/35 R 19	99	775	9 ½ J	297			
285/35 R 19 **XL**	103	875	**10 J**	**302**	691	319	2083
			10 ½ J	307			
			11 J	312			
295/35 R 19	100	800	10 J	308			
			10 ½ J	**313**	697	322	2101
			11 J	318			
			11 ½ J	323			
225/35 R 20 **XL**	90	600	7 ½ J	234			
			8 J	**239**	672	315	2031
			8 ½ J	244			
			9 J	249			
235/35 R 20	88	560	8 J	246			
235/35 R 20 **XL**	92	630	**8 ½ J**	**251**	678	318	2050
			9 J	256			
			9 ½ J	261			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity				stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
	LI	kg					
35 series							
245/35 R 20	91	615	8 J	253			
245/35 R 20 **XL**	95	690	**8 ½ J**	**258**	686	321	2074
			9 J	263			
			9 ½ J	268			
255/35 R 20 **XL**	97	730	8 ½ J	265			
			9 J	**270**	694	324	2092
			9 ½ J	275			
			10 J	280			
265/35 R 20	95	690	9 J	277			
			9 ½ J	**282**	702	326	2117
			10 J	287			
			10 ½ J	292			
275/35 R 20 **XL**	102	850	9 J	284			
			9 ½ J	**289**	708	329	2135
			10 J	294			
			10 ½ J	299			
			11 J	304			
285/35 R 20 **XL**	104	900	9 ½ J	296			
			10 J	**302**	716	332	2159
			10 ½ J	307			
			11 J	312			
315/35 R 20 **XL**	110	1060	10 ½ J	328			
			11 J	**333**	736	340	2220
			11 ½ J	338			
			12 J	343			
			12 ½ J	348			
245/35 R 21 **XL**	96	710	8 J	253			
			8 ½ J	**258**	711	334	2150
			9 J	263			
			9 ½ J	268			
255/35 R 21 **XL**	98	750	8 ½ J	265			
			9 J	**270**	719	336	2169
			9 ½ J	275			
			10 J	280			
265/35 R 21 **XL**	101	825	9 J	277			
			9 ½ J	**282**	727	339	2193
			10 J	287			
			10 ½ J	292			

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Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity				stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
35 series							
275/35 R 21 **XL**	103	875	9 J	284			
			9 ½ J	**289**	733	342	2211
			10 J	294			
			10 ½ J	299			
			11 J	304			
295/35 R 21	103	875	10 J	308			
295/35 R 21 **XL**	107	975	**10 ½ J**	**313**	747	347	2254
			11 J	318			
			11 ½ J	324			
275/35 R 22 **XL**	104	900	9 J	284			
			9 ½ J	**289**	759	354	2291
			10 J	294			
			10 ½ J	300			
			11 J	305			
285/35 R 22 **XL**	106	950	9 ½ J	296			
			10 J	**302**	767	357	2315
			10 ½ J	307			
			11 J	312			
305/35 R 24 **XL**	112	1120	10 J	316			
			10 ½ J	321			
			11 J	**326**	832	388	2513
			11 ½ J	331			
			12 J	336			
315/35 R 24 **XL**	114	1180	10 ½ J	328			
			11 J	**333**	838	391	2532
			11 ½ J	338			
			12 J	343			
			12 ½ J	348			
30 series							
255/30 R 18 **XL**	90	600	8 ½ J	265			
			9 J	**270**	617	288	1864
			9 ½ J	275			
285/30 R 18	93	650	9 ½ J	297			
			10 J	**302**	635	295	1918
			10 ½ J	307			
295/30 R 18	94	670	10 J	308			
295/30 R 18 **XL**	98	750	**10 ½ J**	**313**	643	298	1937
			11 J	318			
255/30 R 19 **XL**	91	615	8 ½ J	265			
			9 J	**270**	643	301	1943
			9 ½ J	275			

Tyre Size	Load Index LI	Load capacity kg	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference [3] + 1.5 % – 2.5 % (mm)
30 series							
265/30 R 19 **XL**	93	650	9 J	277			
			9 ½ J	**282**	649	303	1961
			10 J	287			
275/30 R 19 **XL**	96	710	9 J	284			
			9 ½ J	**289**	655	306	1979
			10 J	294			
285/30 R 19 **XL**	98	750	9 ½ J	297			
			10 J	**302**	661	308	1998
			10 ½ J	307			
295/30 R 19	96	710	10 J	308			
295/30 R 19 **XL**	100	800	**10 ½ J**	**313**	669	310	2016
			11 J	318			
305/30 R 19 **XL**	102	850	10 ½ J	321			
			11 J	**326**	675	313	2034
			11 ½ J	331			
325/30 R 19 **XL**	105	925	11 J	339			
			11 ½ J	**344**	687	317	2071
			12 J	349			
235/30 R 20 **XL**	88	560	**8 ½ J**	**251**	656	309	1983
245/30 R 20 **XL**	90	600	8 J	253			
			8 ½ J	**258**	662	311	2001
			9 J	263			
255/30 R 20 **XL**	92	630	8 ½ J	265			
			9 J	**270**	668	314	2019
			9 ½ J	275			
265/30 R 20 **XL**	94	670	9 J	277			
			9 ½ J	**282**	674	316	2037
			10 J	287			
275/30 R 20 **XL**	97	730	9 J	284			
			9 ½ J	**289**	680	318	2056
			10 J	294			
285/30 R 20 **XL**	99	775	9 ½ J	297			
			10 J	**302**	686	321	2074
			10 ½ J	307			
295/30 R 20 **XL**	101	825	10 J	308			
			10 ½ J	**313**	694	323	2092
			11 J	318			
305/30 R 20 **XL**	103	875	10 ½ J	321			
			11 J	**326**	700	325	2111
			11 ½ J	331			
335/30 R 20 **XL**	108	1000	11 ½ J	352			
			12 J	**357**	718	332	2166
			12 ½ J	362			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions		Radius	Rolling circumference [3]
Size	Load Index	Load capacity		Max. standard value in operation [2]		stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
30 series							
255/30 R 21 **XL**	93	650	8 ½ J	265			
			9 J	**270**	693	326	2095
			9 ½ J	275			
265/30 R 21 **XL**	96	710	9 J	277			
			9 ½ J	**282**	699	329	2114
			10 J	287			
275/30 R 21 **XL**	98	750	9 J	284			
			9 ½ J	**289**	705	331	2132
			10 J	294			
285/30 R 21 **XL**	100	800	9 ½ J	297			
			10 J	**302**	711	333	2150
			10 ½ J	307			
295/30 R 21 **XL**	102	850	10 J	308			
			10 ½ J	**313**	719	336	2169
			11 J	318			
265/30 R 22 **XL**	97	730	9 J	277			
			9 ½ J	**282**	725	341	2193
			10 J	287			
295/30 R 22 **XL**	103	875	10 J	308			
			10 ½ J	**313**	745	348	2248
			11 J	318			
315/30 R 22 **XL**	107	975	10 ½ J	328			
			11 J	**333**	757	353	2284
			11 ½ J	338			
305/30 R 23 **XL**	105	925	10 ½ J	321			
			11 J	**326**	776	363	2342
			11 ½ J	331			

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. + / – 2 % (mm)	+ 1.5 % – 2.5 % (mm)
	LI	kg					
25 series							
315/25 R 19 **XL**	98	750	11 J	333			
			11 ½ J	**338**	647	303	1955
			12 J	343			
295/25 R 20 **XL**	95	690	10 J	308			
			10 ½ J	**313**	662	312	2001
			11 J	318			
305/25 R 20 **XL**	97	730	10 ½ J	321			
			11 J	**326**	666	313	2013
			11 ½ J	331			
325/25 R 20 **XL**	101	825	11 ½ J	344			
			12 J	**349**	676	317	2044
			12 ½ J	355			
295/25 R 21 **XL**	96	710	10 J	308			
			10 ½ J	**313**	687	324	2077
			11 J	318			
325/25 R 21 **XL**	102	850	11 ½ J	344			
			12 J	**349**	701	330	2120
			12 ½ J	354			
305/25 R 22 **XL**	99	775	10 ½ J	320			
			11 J	**326**	717	339	2169
			11 ½ J	331			
335/25 R 22 **XL**	105	925	11 ½ J	351			
			12 J	**357**	733	345	2217
			12 ½ J	362			
315/25 R 23 **XL**	102	850	11 J	333			
			11 ½ J	**338**	748	354	2263
			12 J	343			

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre Size	Load Index LI[7]	Permitted rims[1] (measuring rim bold)	Tyre dimensions Max. standard value in operation[2] Width (mm)	Outer-Ø (mm)	on measuring rim Width (mm)	Load Index LI	Wheel position[9]
LT sizes							
LT 215/85 R 16	115/112	5 ½ J	224			115	S
		6 J	**229**	786	216	112	T
		6 ½ J	234				
		7 J	239				
LT 235/85 R 16	120/116	6 J	244			120	S
		6 ½ J	**249**	822	235	116	T
		7 J	254				
		7 ½ J	259				
LT 235/75 R 15	104/101	6 J	244			104	S
		6 ½ J	**249**	747	235	101	T
		7 J	254				
LT 225/75 R 16	110/107	**6 J**	**236**	758	223	110	S
	115/112	6 ½ J	241			107	T
		7 J	246			115	S
						112	T
LT 245/75 R 16	120/116	6 ½ J	258			120	S
		7 J	**263**	788	248	116	T
		7 ½ J	268				
		8 J	273				
LT 265/75 R 16	123/120	7 J	278			123	S
		7 ½ J	**283**	820	267	120	T
		8 J	288				
LT 285/75 R 16	122/119	7 ½ J	281			122	S
	126/123	**8 J**	**286**	852	286	119	T
		8 ½ J	291			126	S
		9 J	296			123	T
LT 295/75 R 16	123/120	7 ½ J	307			123	S
		8 J	**312**	866	294	120	T
		8 ½ J	317				
		9 J	322				
		9 ½ J	327				
LT 315/75 R 16	121	8 J	327			121	S
	127/124	**8 ½ J**	**332**	896	313	127	S
		9 J	337			124	T
		9 ½ J	342				
		10 J	347				
		10 ½ J	352				
		11 J	357				
LT 305/70 R 16	118/115	8 J	320			118	S
	124/121	8 ½ J	325			115	T
		9 J	**330**	852	311	124	S
		9 ½ J	335			121	T

Load capacity (kg) **per axle** at a tyre pressure (bar)										Speed Symbol and reference speed
2.5		3.0		3.5	4.0	4.5	5.0	5.5	(km/h)
1390 2520		1580 2880		1760 3200	1930 3480	2120 3900	2260 4120	2430 4480	Q 160
1580 2880		1800 3280		2000 3640	2200 4000	2380 4320	2580 4680	2760 5040	Q 160 S 180
1420 2580		1620 2940		1800 3300					Q 160
1400 2540		1590 2900		1760 3200	1940 3540	2120 3900			Q 160
1400 2540		1590 2900		1760 3200	1940 3540	2120 3900	2280 4160	2430 4480	
1580 2880		1800 3280		2000 3640	2200 4000	2380 4320	2580 4680	2760 5040	S 180
1780 3240		2020 3680		2240 4120	2480 4520	2720 5000	2880 5240	3100 5600	Q 160
1980 3600		2260 4120		2500 4600	2760 5040	3000 5440			Q 160
1980 3600		2260 4120		2500 4600	2760 5040	3000 5440	3220 5880	3400 6200	
2080 3780		2360 4280		2640 4860	2900 5280	3100 5600			Q 160
2300		2620		2900					Q 160
2300 4240		2620 4760		2900 5280	3200 5840	3500 6400			
2060 3700		2380 4320		2640 4860					Q 160
2060 3700		2380 4320		2640 4860	2900 5280	3200 5800			

Yellow background = standard values for tyre size (ETRTO

See cover foldout for footnotes

Tyre Size	Load Index LI[*]	Permitted rims [1] (measuring rim bold)	Tyre dimensions Max. standard value in operation [2] Width (mm)	Outer-Ø (mm)	on measuring rim Width (mm)	Load Index LI	Wheel position [9]
LT sizes							
LT 265/70 R 17	121/118	7 J	278			121	S
		7 ½ J	283			118	T
		8 J	**288**	818	272		
		8 ½ J	293				
LT 275/70 R 18	125/122	7 J	286			125	S
		7 ½ J	291			122	T
		8 J	**296**	859	279		
		8 ½ J	301				
LT 285/60 R 18	122/119	8 J	305			122	S
		8 ½ J	**310**	813	292	119	T
		9 J	315				
		9 ½ J	320				
		10 J	325				
LT flotation-sizes							
30 x 9.50 R 15 LT	104	6 ½ J	250			104	S
		7 J	255				
		7 ½ J	**260**	765	240		
		8 J	265				
		8 ½ J	270				
31 x 10.50 R 15 LT	109	7 J	274			109	S
		7 ½ J	279				
		8 J	284				
		8 ½ J	**289**	791	268		
		9 J	294				
33 x 12.50 R 15 LT	108	8 ½ J	328			108	S
		9 J	333				
		9 ½ J	338				
		10 J	**343**	844	318		
		10 ½ J	348				
		11 J	353				
35 x 12.50 R 15 LT	113	8 ½ J	328			113	S
		9 J	333				
		9 ½ J	338				
		10 J	**343**	897	318		
		10 ½ J	348				
		11 J	353				
35 x 12.50 R 18 LT	118	8 ½ J	328			118	S
		9 J	333				
		9 ½ J	338				
		10 J	**343**	894	318		
		10 ½ J	348				
		11 J	353				

			Load capacity (kg) **per axle** at a tyre pressure (bar)								Speed Symbol and reference speed
		2.5		3.0		3.5	4.0	4.5	5.0	5.5	(km/h)
		1760 3200		2000 3640		2240 4120	2440 4440	2640 4860	2780 5040	2900 5280	Q 160
		1920 3500		2180 3960		2430 4480	2680 4880	2900 5280	3120 5680	3300 6000	Q 160
		1750 3180		1990 3620		2240 4120	2440 4440	2640 4860	2840 5160	3000 5440	Q 160
1.7	2.1	2.5	2.8		3.1	3.5					
1120	1280	1420	1560		1680	1800					S 180
1270	1450	1600	1760		1910	2060					Q 160 S 180
1600	1810	2000									S 180
1850	2080	2300									Q 160
1650	1880	2120	2300		2480	2640					Q 160

Yellow background = standard values for tyre size (ETRTO

See cover foldout for footnotes

CST 17

CST = Conti Spare Tyre
The space- and weight-saving spare tyre in radial design **for temporary, limited use.** Approved for speeds of up to 50 mph / 80 km/h*).
This tyre may only be used in **an emergency on one wheel** of the vehicle with the agreement of the vehicle manufacturer. The T in the tyre designation indicates temporary use under restricted conditions.

*) According to UN / ECE-Regulation 64 governing the use of special spare tyres, those with a higher speed rating may also only be used up to a maximum speed of 50 mph / 80 km/h.

Tyre Size	Load Index LI	Load capacity *) kg	Permitted rims 1) (measuring rim bold)	Tyre dimensions Max. standard value in operation 2) Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference 3) + 1.5 % – 2.5 % (mm)
95 series							
T 105/95 R 17	90	600	**3 J** 5)	**110**	640	291	1940
			3 ½ J 5)	115			
T 115/95 R 17	95	690	**3 J** 5)	**118**	658	298	1996
			3 ½ J 5)				
			4 J 5)				
90 series							
T 125/90 R 15	96	710	3 J 5)	126			
			3 ½ J 5)	**131**	617	275	1863
			4 J 5)	136			
T 115/90 R 16	92	630	**3 J** 5)	**118**	622	281	1885
			3 ½ J 5)	123			
			4 J 5)	128			
T 125/90 R 16	98	750	3 J 5)	126			
			3 ½ J 5)	**131**	642	288	1940
			4 J 5)	136			
T 135/90 R 16	102	850	**3 ½ J** 5)	**138**	660	294	1996
			4 J 5)	143			
			4 ½ J 5)	148			
T 145/90 R 16	106	950	3 ½ J	146			
			4 J	**151**	678	301	2051
			4 ½ J	156			
			5 J	161			
T 135/90 R 17	104	900	**3 ½ J** 5)	**138**	686	307	2075
			4 J 5)	143			
			4 ½ J 5)	148			
T 165/90 R 17	105	925	4 J 5)	167			
			4 ½ J	**172**	742	329	2241
			5 J	177			
			5 ½ J	182			
T 155/90 R 18	113	1150	4 J 5)	158			
			4 ½ J 5)	**163**	749	333	2263
			5 J 5)	168			
85 series							
T 125/85 R 16	99	775	3 J 5)	126			
			3 ½ J 5)	**131**	626	283	1897
			4 J 5)	136			
T 145/85 R 18	103	875	3 ½ J 5)	146			
			4 J 5)	**151**	713	321	2158
			4 ½ J	156			
			5 J 5)	161			
T 155/85 R 18	115	1215	4 J	158			
			4 ½ J	**163**	731	327	2213
			5 J	168			

*) Load capacity at **4.2 bar** up to max. 130 km/h. Application-specific speed limited to **80 km/h (50 mph)** in accordance with UN / ECE regulation 64.

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre Size	Load Index LI	Load capacity *) kg	Permitted rims 1) (measuring rim bold)	Tyre dimensions Max. standard value in operation 2) Width (mm)	Outer-Ø (mm)	Radius stat. + / – 2 % (mm)	Rolling circumference 3) + 1.5 % – 2.5 % (mm)
80 series							
T 125/80 R 15	95	690	3 J 5)	126			
			3 ½ J 5)	**131**	589	266	1784
			4 J 5)	136			
T 125/80 R 16	97	730	3 J 5)	126			
			3 ½ J 5)	**131**	614	278	1860
			4 J 5)	136			
T 145/80 R 16	105	925	3 ½ J	146			
			4 J	**151**	648	290	1959
			4 ½J	156			
			5 J	161			
T 125/80 R 17	99	775	3 J 5)	126			
			3 ½ J 5)	**131**	640	291	1940
			4 J 5)	136			
T 135/80 R 17	102	850	**3 ½ J** 5)	**138**	656	297	1989
	103	875	4 J 5)	143			
			4 ½ J 5)	148			
T 145/80 R 17	107	975	3 ½ J	146			
			4 J	**151**	674	303	2038
			4 ½ J	156			
			5 J	161			
T 165/80 R 17	104	900	4 J	167			
			4 ½ J	**172**	704	321	2142
			5 J	177			
			5 ½ J	182			
T 135/80 R 18	104	900	**3 ½ J** 5)	**138**	681	310	2066
			4 J 5)	143			
			4 ½ J 5)	148			
T 145/80 R 18	99	775	3 ½ J	146			
			4 J	**151**	699	316	2115
			4 ½ J	156			
			5 J	161			
T 145/80 R 19	110	1060	3 ½ J	146			
			4 J	**151**	725	328	2195
			4 ½ J	156			
			5 J	161			
T 155/80 R 19	114	1180	4 J	158			
			4 ½ J	**163**	741	334	2244
			5 J	168			
T 175/80 R 19	122	1500	4 ½ J	179			
			5 J	**184**	775	346	2342
			5 ½ J	189			
			6 J	194			

*) Load capacity at **4.2 bar** up to max. 130 km/h. Application-specific speed limited to **80 km/h (50 mph)** in accordance with UN / ECE regulation 64.

Tyre Size	Load Index LI	Load capacity *) kg	Permitted rims 1) (measuring rim bold)	Tyre dimensions Max. standard value in operation 2) Width (mm)	Outer-Ø (mm)	Radius stat. +/– 2 % (mm)	Rolling circumference 3) +1.5 % –2.5 % (mm)
70 series							
T 115/70 R 15	90	600	3 J 5)	118			
			3 ½ J 5)	**123**	549	251	1667
			4 J 5)	128			
T 125/70 R 15	95	690	3 J 5)	126			
			3 ½ J 5)	**131**	565	256	1710
			4 J 5)	136			
T 135/70 R 15	99	775	3 ½ J	139			
			4 J	**144**	579	261	1753
			4 ½ J	149			
T 115/70 R 16	92	630	3 J 5)	118			
			3 ½ J 5)	**123**	574	264	1744
			4 J 5)	128			
T 125/70 R 16	96	710	3 J 5)	126			
			3 ½ J 5)	**131**	590	269	1787
			4 J 5)	136			
T 135/70 R 16	100	800	3 ½ J	139			
			4 J	**144**	604	274	1830
			4 ½ J	149			
T 125/70 R 17	98	750	3 J 5)	126			
			3 ½ J 5)	**131**	616	282	1867
			4 J 5)	136			
T 155/70 R 17	110	1060	4 J	158			
			4 ½ J	**163**	658	297	1996
			5 J	168			
T 125/70 R 18	99	775	3 J 5)	126			
			3 ½ J 5)	**131**	641	294	1943
			4 J 5)	136			
T 125/70 R 19	100	800	3 J	126			
			3 ½ J	**131**	667	307	2023
			4 J	136			
T 155/70 R 19	113	1150	4 J	158			
			4 ½ J	**163**	709	323	2152
			5 J	168			

*) Load capacity at **4.2 bar** up to max. 130 km/h. Application-specific speed limited to **80 km/h (50 mph)** in accordance with UN / ECE regulation 64.

Yellow background = standard values for tyre size (ETRTO)

See cover foldout for footnotes

Tyre			Permitted rims [1]	Tyre dimensions Max. standard value in operation [2]		Radius	Rolling circumference [3]
Size	Load Index	Load capacity [*]				stat.	+ 1.5 %
			(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+ / – 2 % (mm)	– 2.5 % (mm)
65 series							
185/65 R 16 XL	93	650	5 J	192			
			5 ½ J	**197**	656	297	1970
			6 J	202			
			6 ½ J	207			
60 series							
T 125/60 R 18	94	670	**3 ½ J**	**131**	613	285	1863
			4 J	136			
			4 ½ J	141			
T 155/60 R 18	107	975	**4 ½ J** [5]	**163**	651	298	1974
			5 J [5]	168			
			5 ½ J [5]	173			
T 145/60 R 20	105	925	4 J	151			
			4 ½ J	**156**	688	319	2094
			5 J	161			
T 165/60 R 20	113	1150	4 J				
			4 ½ J	**171**	712	328	2167
			5 J				
			5 ½ J				

*) Load capacity at **4.2 bar** up to max. 130 km/h. Application-specific speed limited to **80 km/h (50 mph)** in accordance with UN / ECE regulation 64.

ContiComfortKit

The ContiComfortKit is a tyre emergency set that quickly makes a vehicle mobile again in the event of tyre failure. It seals punctures in passenger car tyres typically caused by for instance nails. Once the puncture has been sealed, the motorist can continue on his journey for up to 200 km (120 miles) at a maximum speed of 80 km/h (50 mph).

Please note:

It may not be possible to seal tyres with extensive damage.

Temporarily sealed tyres must be inspected by a tyre specialist as soon as possible.

Be sure to observe the applicable regulations in your country.

Information about repairing tyres can be found on page 112 of this databook.

Compressor and tyre sealant integrated in one unit

Powered by the vehicle electric system (12 V, 15 A fuse)

Integrated lamp and safety reflector, illuminated pressure gauge and display

Weight approx. 2.3 kg, dimensions 180 x 240 x 95 mm

Sealant lasts for 4 years (see expiration date on the emergency set or the bottle)

Can be replaced and disposed of by specialized dealers

Available products:

ContiComfortKit – complete tyre emergency set

Repair set – bottle with sealant, hose, adapter

Further information available in Internet under www.conticomfortkit-shop.co.uk

ContiVanContact™ 100

For MPVs and vans
- High level of efficiency thanks to higher mileage
- Improved durability on all roads and thus longer service life
- High safety reserves for heavy loads

Tyre dimensions *)
- Tyre width 165–235 mm
- Rim size 14–16 inch
- Speed Symbol Q / R / S / T / H
- Tyre cross-section series 60–80

ContiVanContact™ 200

For MPVs and vans
- Safe journey thanks to shorter braking distances on wet roads
- Safe handling in all situations, even under heavy loads
- Considerably reduced rolling resistance for lower fuel consumption and greater efficiency

Tyre dimensions *)
- Tyre width 185–235 mm
- Rim size 15–17 inch
- Speed Symbol R / T / H / V
- Tyre cross-section series 55–75

Vanco™ 2

For MPVs and vans
- Perceptible car-orientated handling
- Excellent wet braking performance
- Outstanding protection against aquaplaning

Tyre dimensions *)
- Tyre width 175–235 mm
- Rim size 14–17 inch
- Speed Symbol P / Q / R / S / T
- Tyre cross-section series 60–80

Vanco™ Camper

For motorhomes
- Robust construction for improved durability in rough camping environments
- Reduced stopping distance on wet surfaces
- Extra driving stability for rear-heavy camper vans

Tyre dimensions *)
- Tyre width 195–235 mm
- Rim size 15–16 inch
- Speed Symbol R
- Tyre cross-section series 65–75

Vanco™ Contact 2

For family vans and small MPVs
- Excellent handling
- Precise braking reaction and reduced stopping distance
- High aquaplaning safety

Tyre dimensions *)
- Tyre width 165–225 mm
- Rim size 13–16 inch
- Speed Symbol R / T / H
- Tyre cross-section series 60–70

Vanco™ Eco

For MPVs and vans
- Cost-effective due to optimised rolling resistance
- Short braking distances, even on wet surfaces
- Car-like handling

Tyre dimensions *)
- Tyre width 195–235 mm
- Rim size 16 inch
- Speed Symbol R / T
- Tyre cross-section series 60–75

Vanco™ Winter 2

M+S

For MPVs and vans

- Optimised braking effect on snow and ice
- Car-orientated handling on snow
- Excellent aquaplaning protection and safe handling in wet conditions

Tyre dimensions *)

- Tyre width 165–235 mm
- Rim size 14–17 inch
- Speed Symbol Q / R / T / H
- Tyre cross-section series 55–80

Snowflake designation:
This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Tyre			Rim [7]	TL valve	Tyre dimensions						Radius	Rolling circumference
					Max. standard value in operation [8]				new			
					Width		Outer-Ø				stat.	+ 1.5 %
Size	PR	Service description [6]	(measuring rim bold)	(tube and valve) [7]	Standard	Special	Standard	Special	Width	Outer-Ø	+ / – 2 % (mm)	– 2.5 % (mm)
13 inch												
165 R 13 C	6	91/89 R	4 J **4 ½ J** 5 J	43 GS 11.5	167 172 177	175 180 185	604	609	162 167 172	596	273	1806
165/70 R 13 C	6	88/86 R	4 ½ J [5] **5 J**	43 GS 11.5	172 177		572	576	165 170	562	258	1703
14 inch												
175 R 14 C	8	99/98 P 99/98 Q 99/98 R	4 ½ J **5 J** 5 ½ J	43 GS 11.5	178 183 188	187 192 197	642	648	173 178 183	634	293	1921
185 R 14 C	6 8	99/97 Q 102/100 Q 102/100 R	5 J **5 ½ J** 6 J	43 GS 11.5	189 194 199	198 203 208	659	665	183 188 193	650	299	1970
195 R 14 C	8 10	106/104 Q 106/104 R 110/108 S	5 J **5 ½ J** 6 J	43 GS 11.5	199 204 209	209 214 219	675	682	193 198 203	666	306	2018
205 R 14 C	8	109/107 P	5 ½ J **6 J** 6 ½ J	43 GS 11.5	209 214 219	220 225 230	696	703	203 208 213	686	312	2079
215 R 14 C	8	112/110 P	5 ½ J **6 J** 6 ½ J	(43 GS 11.5)	220 225 230	230 235 240	710	717	213 218 223	700	319	2121
165/75 R 14 C	8	97/95 R	4 J **4 ½ J** 5 J	TR 600 XHP, TR 602 HP	167 172 177		614	618	160 165 170	604	277	1830
185/75 R 14 C	8	102/100 Q	**5 J** 5 ½ J 6 J	TR 600 XHP, TR 602 HP	191 196 201		646	–	184 189 194	634	289	1921
195/75 R 14 C	8	106/104 Q	5 J **5 ½ J** 6 J	TR 600 XHP, TR 602 HP	199 204 209		666	–	191 196 201	648	295	1963
165/70 R 14 C	6	89/87 R	4 ½ J **5 J**	43 GS 11.5	172 177		598	602	165 170	588	270	1782
175/70 R 14 C	6	95/93 T	4 ½ J **5 J** 5 ½ J	43 GS 11.5	179 184 189		612	616	172 177 182	602	276	1824

	PR	Load Index LI	Wheel position [9]	**Load capacity** (kg) **per axle** at a tyre pressure (bar) 3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	Speed Symbol and reference speed (km/h)
	6	91 89	S T	1030 1940	1095 2070	1165 2195	1230 2320										R 170
	6	88 86	S T	935 1775	1000 1890	1060 2005	1120 2120										R 170
	8	99 98	S T	1120 2170	1195 2310	1270 2450	1340 2590	1410 2730	1480 2865	1550 3000							P 150 Q 160 R 170
	6	99 97	S T	1295 2445	1380 2605	1465 2765	1550 2920										Q 160 R 170
	8	102 100	S T	1230 2315	1310 2465	1390 2620	1470 2765	1545 2915	1625 3060	1700 3200							
	6	102 100	S T	1420 2675	1515 2855	1605 3030	1700 3200										Q 160 R 170
	8	106 104	S T	1375 2605	1465 2775	1555 2945	1645 3110	1730 3275	1815 3440	1900 3600							S 180
	10	110 108	S T	1355 2555	1445 2725	1535 2890	1620 3055	1705 3220	1790 3380	1875 3535	1955 3690	2040 3845	2120 4000				
	8	109 107	S T	1490 2820	1590 3005	1685 3190	1780 3370	1875 3550	1970 3725	2060 3900							P 150
	8	112 110	S T	1620 3065	1725 3270	1830 3470	1935 3665	2040 3860	2140 4050	2240 4240							P 150
	8	97 95	S T	1010 1910	1080 2035	1145 2160	1210 2285	1270 2405	1335 2525	1400 2645	1460 2760						R 170
	8	102 100	S T	1175 2215	1255 2360	1330 2505	1405 2650	1480 2790	1555 2930	1630 3065	1700 3200						Q 160
	8	106 104	S T	1315 2495	1405 2655	1490 2820	1575 2980	1655 3140	1740 3295	1820 3450	1900 3600						Q 160
	6	89 87	S T	970 1825	1035 1945	1100 2065	1160 2180										R 170
	6	95 93	S T	1150 2175	1230 2315	1305 2460	1380 2600										T 170

* (Valves) see page 84

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Tyre			Rim [7]	TL valve	Tyre dimensions						Radius	Rolling circum-ference
					Max. standard value in operation [8]				new			
					Width		Outer-Ø				stat.	+ 1.5 %
Size	PR	Service description [6]	(measuring rim bold)	(tube and valve) [7]	Standard	Special	Standard	Special	Width	Outer-Ø	+ / – 2 % (mm)	– 2.5 % (mm)
14 inch												
195/70 R 14 C	8	101/99 R (104 N)	5 J 5 ½ J **6 J**		199 204 209		640	646	191 196 201	630	287	1909
175/65 R 14 C	6	90/88 T	**5 J** 5 ½ J	43 GS 11.5	186 191		594	598	177 182	584	269	1770
15 inch												
185 R 15 C	8	103/102 R	5 J **5 ½ J** 6 J	43 GS 11.5	189 194 199	198 203 208	683	689	183 188 193	674	312	2042
195 R 15 C	8	106/104 S 106/104 R	5 J **5 ½ J** 6 J	43 GS 11.5	201 206 211		703	–	193 198 203	690	318	2091
215/80 R 15 C	8	111/109 S	5 ½ J **6 J** 6 ½ J 7 J		220 225 230 235		739	745	211 216 221 216	725	328	2197
245/75 R 15 C	6	109/107 S	6 ½ J **7 J** 7 ½ J		253 258 263		763	771	248	749	338	2269
175/70 R 15 C	8	97/95 T	4 ½ J **5 J** 5 ½ J	43 GS 11.5 (1540, 38 G 11.5)	179 184 189		637	641	172 177 182	627	289	1900
195/70 R 15 C	6	100/98 R (97 T)	5 J 5 ½ J **6 J**	43 GS 11.5	199 204 209		665	671	191 196 201	655	300	1985
	8	104/102 Q (100 R) 104/102 R 104/102 S 104/102 R (100 T) 104/102 R (97 T)										
205/70 R 15 C	8	106/104 R 106/104 S	5 ½ J **6 J** 6 ½ J	43 GS 11.5	212 217 222		681	687	204 209 214	669	305	2027
215/70 R 15 C	8	109/107 R 109/107 S	5 ½ J 6 J **6 ½ J** 7 J	43 GS 11.5 TR 600 XHP, TR 600 HP	220 225 230 235		695	701	211 216 221 226	683	311	2069
215/70 R 15 CP	8	109 R		TR 600 XHP, TR 602 HP, 40 MS								

	PR	Load Index	Wheel position [9]	**Load capacity** (kg) **per axle** at a tyre pressure (bar)													Speed Symbol and reference speed
		LI		3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	(km/h)
	8	101	S	1140	1220	1290	1365	1440	1510	1580	1650						R 170
		99	T	2145	2290	2430	2565	2700	2835	2970	3100						
		104	S	1150	1225	1300	1375	1450	1520	1590	1660	1730	1800				N 140
	6	90	S	1005	1070	1135	1200										T 190
		88	T	1875	2000	2120	2240										
	8	103	S	1265	1350	1435	1515	1595	1675	1750							R 170
		102	T	2460	2620	2780	2940	3095	3250	3400							
	8	106	S	1375	1465	1555	1645	1730	1815	1900							R 170
		104	T	2605	2775	2945	3110	3275	3440	3600							
	8	111	S	1510	1610	1705	1805	1900	1995	2090	2180						S 180
		109	T	2855	3040	3225	3410	3590	3770	3945	4120						
	6	109	S	1725	1835	1950	2060										S 180
		107	T	3260	3480	3690	3900										
	8	97	S	1055	1125	1195	1260	1330	1395	1460							T 190
		95	T	1995	2125	2225	2385	2510	2635	2760							
	6	100	S	1340	1425	1515	1600										Q 160
		98	T	2510	2675	2840	3000										R 170
		97	S	1220	1300	1380	1460										S 180
	8	104	S	1300	1385	1470	1555	1640	1720	1800							(T 190)
		102	T	2460	2620	2780	2940	3095	3250	3400							
		97	S	1220	1300	1380	1460										
		100	S	1340	1430	1480	1600										
	8	106	S	1375	1465	1555	1640	1730	1815	1900							R 170
		104	T	2605	2775	2945	3110	3275	3440	3600							S 180
	8	109	S	1490	1590	1685	1780	1875	1970	2060							R 170
		107	T	2820	3005	3190	3370	3550	3725	3900							S 180
	8	109	FA S	1425	1520	1615	1705	1795	1885	1975	2060						
		109	RA S	1270	1350	1435	1516	1595	1675	1755	1830	1910	1985	2060			
			RA T	2400	2560	2715	2870	3025	3175	3320	3470	3615	3760	3900			
	8	109	FA S	1425	1520	1615	1705	1795	1885	1975	2060						
		109	RA S	1270	1350	1435	1516	1595	1675	1755	1830	1910	1985	2060			
	1.85 x 109		RA T	2640	2810	2985	3155	3320	3485	3650	3810						

* (Valves) see page 84

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Tyre			Rim [7]	TL valve	Tyre dimensions						Radius	Rolling circumference	
					Max. standard value in operation [8]				new				
					Width		Outer-Ø				stat.	+ 1.5 %	
Size	PR	Service description [6]	(measuring rim bold)	(tube and valve) [7]	Standard	Special	Standard	Special	Width	Outer-Ø	+ / – 2 % (mm)	– 2.5 % (mm)	
15 inch													
225/70 R 15 C	8	112/110 Q	6 J	43 GS 11.5	232				223				
		112/110 R	**6 ½ J**		232		709	715	228	697	317	2112	
		112/110 R (115 N)	7 J		242				233				
205/65 R 15 C	6	102/100 R	5 ½ J	43 GS 11.5	212				204				
		102/100 T	**6 J**		217		657	663	209	647	297	1960	
			6 ½ J		222				214				
215/65 R 15 C	6	104/102 T	6 J	43 GS 11.5	225				216				
			6 ½ J		230		673	677	221	661	302	2003	
			7 J		235				226				
185/60 R 15 C	6	94/92 T	**5 ½ J**	43 GS 11.5	197		611	617	189	603	279	1827	
			6 J		202				194				
185/55 R 15 C	6	90/88 T	5 ½ J	43 GS 11.5	197		593	598	189	585	272	1773	
			6 J		202				194				
16 inch													
235/85 R 16 C	8	114/111 S	6 J		239				230				
	10	120/116 Q	**6 ½ J**		244		822	830	235	806	363	2442	
		120/116 S	7 J		249				240				
			7 ½ J		254				245				
205 R 16 C	8	110/108 R	5 ½ J	43 GS 11.5	211				203				
		110/108 S	**6 J**		216		750	756	208	736	338	2230	
		110/108 T	6 ½ J		221				213				
175/75 R 16 C	8	101/99 R	4 ½ J	TR 600 XHP,	179				172				
			5 J	TR 602 HP	184		678	684	177	668	308	2024	
			5 ½ J		189				182				
185/75 R 16 C	8	104/102 R	**5 J**	TR 600 XHP,	191		696	700	184	684	314	2073	
			5 ½ J	TR 602 HP	196				189				
			6 J		201				194				
195/75 R 16 C	8	107/105 R	5 J	TR 600 XHP,	199				191				
		107/105 T	**5 ½ J**	TR 602 HP	204		710	716	196	698	320	2115	
	10	110/108 R	6 J		209				201				
195/75 R 16 CP	8	107 R		TR 600 XHP, TR 602 HP, 40 MS									
205/75 R 16 C	8	110/108 R	**5 ½ J**	TR 600 XHP,	211		726	732	203	714	326	2163	
	10	113/111 R	6 J	TR 602 HP	216				208				
			6 ½ J		221				213				

	PR	Load Index	Wheel position [9]	**Load capacity** (kg) **per axle** at a tyre pressure (bar)													Speed Symbol and reference speed
		LI		3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	(km/h)
	8	112 110 115	S T S	1620 3065 1680	1725 3270 1790	1830 3470 1900	1935 3665 2010	2040 3860 2115	2140 4050 2220	2240 4240 2325	2430						R 170 (N 140)
	6	102 100	S T	1420 2675	1515 2855	1605 3030	1700 3200										R 170 T 190
	6	104 102	S T	1505 2840	1605 3030	1700 3215	1800 3400										T 190
	6	94 92	S T	1120 2110	1195 2245	1270 2385	1340 2520										T 190
	6	90 88	S T	1005 1875	1070 2000	1135 2120	1200 2240										T 190
	8	114 111	S T	1635 3020	1740 3220	1850 3415	1955 3610	2055 3800	2160 3990	2260 4175	2360 4360						Q 160 S 180
	10	120 116	S T	1665 2970	1775 3170	1880 3360	1990 3550	2059 3740	2200 3925	2300 4110	2405 4290	2505 4470	2605 4650	2700 4825	2800 5000		
	8	110 108	S T	1535 2890	1635 3085	1735 3270	1830 3455	1930 3640	2025 3820	2120 4000							R 170 S 180 T 190
	8	101 99	S T	1140 2145	1215 2290	1290 2430	1360 2565	1435 2700	1505 2835	1575 2970	1650 3100						R 170
	8	104 102	S T	1245 2355	1330 2510	1410 2665	1490 2815	1570 2965	1645 3110	1725 3255	1800 3400						R 170
	8	107 105	S T	1350 2560	1440 2730	1525 2900	1615 3060	1700 3225	1785 3385	1865 3545	1950 3700						R 170 T 190
	10	110 108	S T	1355 2555	1445 2725	1535 2890	1620 3055	1705 3220	1790 3380	1875 3535	1955 3690	2040 3845	2120 4000				
	8	107 107 1.85 x 107	FA S RA S RA T	1350 1200 2500	1440 1280 2665	1525 1360 2830	1615 1435 2990	1700 1510 3145	1785 1585 3300	1865 1660 3455	1950 1735 3610	1805	1880	1950			
	8	110 108	S T	1470 2770	1565 2955	1660 3135	1755 3310	1850 3485	1940 3660	2030 3830	2120 4000						R 170
	10	113 111	S T	1470 2785	1565 2970	1665 3150	1755 3330	1850 3510	1940 3680	2035 3855	2125 4025	2210 4195	2300 4360				

* (Valves) see page 84

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Tyre			Rim [7]	TL valve	Tyre dimensions						Radius	Rolling circum-ference
					Max. standard value in operation [8]				new			
					Width		Outer-Ø				stat.	+ 1.5 %
Size	PR	Service description [6]	(measuring rim bold)	(tube and valve) [7]	Standard	Special	Standard	Special	Width	Outer-Ø	+ / – 2 % (mm)	– 2.5 % (mm)
16 inch												
215/75 R 16 C	8	113/111 R	5 ½ J	TR 600 XHP, TR 602 HP	220				211			
	10	116/114 N	**6 J**		225		740	748	216	728	332	2206
		116/114 R	6 ½ J		230				221			
			7 J		235				226			
				TR 600 XHP, TR 602 HP, 40 MS								
225/75 R 16 C	8	116/114 N (110 S)	**6 J**	TR 600 XHP, TR 602 HP, 40 MS	232		758	764	223	744	338	2254
		116/114 R (118/116 P) 116 R	6 ½ J		237				228			
			7 J		242				233			
				40 MS								
	10	118/116 R										
		121/120 N										
		121/120 N (118 R)										
		121/120 R										
225/75 R 16 CP	8	116 R		TR 600 XHP, TR 602 HP, 40 MS								
215/70 R 16 C	6	108/106 S	5 ½ J	43 GS 11.5	220				211			
		108/106 T	6 J		225				216			
			6 ½ J		230		720	726	221	708	324	2145
			7 J		235				226			
195/65 R 16 C	6	100/98 T	5 ½ J	TR 600 XHP, TR 602 HP	204				196			
	8	104/102 R	**6 J**		209		670	676	201	660	305	2000
		104/102 R (100 R)										
		104/102 R (100 T)										
		104/102 T										
		104/102 T (100 T)										

	PR	Load Index	Wheel position [9]	**Load capacity** (kg) **per axle** at a tyre pressure (bar)													Speed Symbol and reference speed
		LI		3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	(km/h)
	8	113	S	1590	1700	1800	1905	2005	2105	2205	2300						N 140
		111	T	3020	3220	3415	3610	3800	3990	4175	4360						R 170
	10	116	S	1600	1705	1805	1910	2010	2110	2210	2310	2405	2500				
		114	T	3015	3215	3410	3605	3795	3985	4170	4355	4540	4720				
	10	116	FA S	1600	1705	1805	1910	2010	2110	2210	2310	2405	2500				
		116	RA S	1600	1705	1805	1910	2010	2110	2210	2310	2405	2500	2500	2500	2500	
		114	RA T	3015	3215	3410	3605	3795	3985	4170	4355	4540	4720	4720	4720	4720	
	8	116	S	1730	1845	1960	2070	2180	2285	2395	2500						N 140
		114	T	3270	3485	3695	3905	4115	4320	4520	4720						R 170
		110	S	1605	1710	1815	1920	2020	2120								(S 180)
		116	S	1730	1845	1960	2070	2180	2285	2395	2500						(P 150)
		114	T	3270	3485	3695	3905	4115	4320	4520	4720						
		118	S	1685	1800	1910	2015	2125	2230	2335	2435	2540	2640				
		116	T	3195	3410	3615	3820	4020	4220	4420	4615	4810	5000				
		116	FA S	1730	1845	1960	2070	2180	2285	2395	2500						
		116	RA S	1540	1640	1740	1840	1940	2035	2130	2225	2315	2410	2500			
			RA T	2905	3100	3290	3475	3660	3840	4020	4200	4375	4550	4720			
	10	118	S	1685	1800	1910	2015	2125	2230	2335	2435	2540	2640				
		116	T	3195	3410	3615	3820	4020	4220	4420	4615	4810	5000				
		121	S	1725	1835	1950	2060	2170	2275	2385	2490	2595	2695	2800	2900		
		120	T	3330	3550	3765	3980	4190	4395	4605	4805	5010	5205	5405	5600		
	8	116	FA S	1730	1845	1960	2070	2180	2285	2395	2500						
		116	RA S	1540	1640	1740	1840	1940	2035	2130	2225	2315	2410	2500			
		1.85 x 116	RA T	3200	3415	3625	3830	4030	4230	4430	4625						
	6	108	S	1675	1785	1895	2000										S 180
		106	T	3180	3390	3595	3800										T 190
	6	100	S	1340	1425	1515	1600										R 170
		98	T	2510	2675	2840	3000										T 190
	8	104	S	1245	1330	1410	1490	1570	1645	1725	1800						
		102	T	2355	2510	2665	2815	2965	3110	3255	3400						
		100	S	1340	1425	1515	1600										

* (Valves) see page 84

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Tyre Size	PR	Service description [6]	Rim [7] (measuring rim bold)	TL valve (tube and valve) [7]	Tyre dimensions Max. standard value in operation [8] Width Standard	Width Special	Outer-Ø Standard	Outer-Ø Special	new Width	new Outer-Ø	Radius stat. + / – 2 % (mm)	Rolling circumference + 1.5 % – 2.5 % (mm)	
16 inch													
205/65 R 16 C	6	103/101 T (99 H)	5 ½ J **6 J** 6 ½ J	43 GS 11.5	212 217 222		682	686	204 209 214	672	310	2036	
		103/101 H											
	8	107/105 R		TR 600 XHP, TR 602 HP									
		107/105 R (103 R)											
		107/105 R (103 T)											
		107/105 T (103 T)											
		107/105 T (103 H)											
215/65 R 16 C	4	102/100 T	6 J **6 ½ J** 7 J	43 GS 11.5	225 230 235		698	702	216 221 226	686	315	2079	
		102/100 H											
	6	106/104 T											
	8	109/107 P		TR 600 XHP, TR 602 HP									
		109/107 R											
		109/107 R (106 R)											
		109/107 R (106 T)											
		109/107 R (106/104 T)											
		109/107 T											
225/65 R 16 C	8	112/110 S	6 J **6 ½ J** 7 J	TR 600 XHP, TR 602 HP	232 237 242		710	716	223 228 233	698	320	2115	
		112/110 R											
225/65 R 16 CP	8	112 R		TR 600 XHP, TR 602 HP, 40 MS									
235/65 R 16 C	8	115/113 S (118/116 R)	6 ½ J **7 J** 7 ½ J	TR 600 XHP, TR 602 HP, 40 MS	245 250 255		724	730	235 240 245	712	325	2157	
		115/113 R											
	10	118/116 R (115/113 S)											
		121/119 N (118 R)											
		121/119 R		40 MS									
235/65 R 16 CP	8	115 R		TR 600 XHP, TR 602 HP, 40 MS									
285/65 R 16 C	10	128 N (121 R) (123 R)	8 J **8 ½ J** 9 J	TR 600 XHP, TR 602 HP, 40 MS	299 304 309		790	798	287 292 297	776	351	2351	

PR	Load Index	Wheel position [9]	**Load capacity** (kg) **per axle** at a tyre pressure (bar)													Speed Symbol and reference speed
	LI		3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	(km/h)
6	103	S	1465	1560	1655	1750										R 170
	101	T	2760	2940	3120	3300										T 190
	99	S	1455	1550												H 210
8	107	S	1350	1440	1525	1615	1700	1785	1865	1950						
	105	T	2560	2730	2900	3060	3225	3385	3545	3700						
	103	S	1465	1560	1655	1750										
4	102	S	1595	1700												P 150
	100	T	3000	3200												R 170
6	106	S	1590	1695	1800	1900										T 190
	104	T	3010	3210	3405	3600										H 210
8	109	S	1425	1520	1615	1705	1795	1885	1975	2060						
	107	T	2700	2880	3055	3230	3400	3570	3735	3900						
8	112	S	1550	1655	1755	1855	1950	2050	2145	2240						R 170
	110	T	2935	3130	3320	3510	3695	3880	4060	4240						S 180
8	112	FA S	1550	1655	1755	1855	1950	2050	2145	2240						
	112	RA S	1380	1470	1560	1650	1735	1825	1910	1990	2075	2160	2240			
	1.85 x 112	RA T	2870	3060	3245	3430	3615	3790	3970	4145						
8	115	S	1680	1795	1905	2010	2120	2225	2330	2430						N 140
	113	T	3185	3395	3605	3805	4010	4210	4405	4600						R 170
10	121	S	1725	1835	1950	2060	2170	2275	2385	2490	2595	2695	2800	2900		S 180
	119	T	3235	3445	3655	3865	4070	4270	4470	4670	4865	5060	5250	5440		
	118	S	1685	1800	1910	2015	2125	2230	2335	2435	2540	2640				
8	115	FA S	1680	1795	1905	2010	2120	2225	2330	2430						
	115	RA S	1495	1595	1695	1790	1885	1975	2070	2160	2250	2340	2430			
	1.85 x 115	RA T	3110	3320	3520	3720	3920	4110	4305	4495						
10	128	S	2300	2455	2605	2750	2895	3040	3180	3325	3460	3600				N 140
	123	S	2060	2195	2330	2465	2595	2720	2850	2975	3100					R 170
	121	S	2010	2140	2270	2400	2525	2655	2775	2900						

* (Valves) see page 84

See cover foldout for footnotes

Tyre Size	PR	Service description [6]	Rim [7] (measuring rim bold)	TL valve (tube and valve)[*]	Tyre dimensions Max. standard value in operation [8] Width Standard	Width Special	Outer-Ø Standard	Outer-Ø Special	new Width	new Outer-Ø	Radius stat. + / – 2 % (mm)	Rolling circumference + 1.5 % – 2.5 % (mm)
16 inch												
195/60 R 16 C	6	99/97 T	5 ½ J	43 GS 11.5	204				196			
		99/97 H	**6 J**		209		650	654	201	640	297	1939
			6 ½ J		214				206			
205/60 R 16 C	6	100/98 T	**6 J**	43 GS 11.5	217		–	666	209	652	302	1976
			6 ½ J		222				214			
215/60 R 16 C	6	103/101 R	6 J	43 GS 11.5	225				216			
		103/101 T	**6 ½ J**		230		674	680	221	664	306	2012
			7 J		235				226			
225/60 R 16 C	6	101/99 H	**6 ½ J**	43 GS 11.5	237		686	–	228	676	311	2048
		105/103 H	7 J		242				233			
		105/103 H (101 H)	7 ½ J		247				238			
	8	111/109 T (105 H)										
205/55 R 16 C	6	98/96 T	6 J	43 GS 11.5	217		642	646	209	632	293	1915
			6 ½ J		222				214			
17 inch												
185/60 R 17 C	6	96/94 R	**5 ½ J**	43 GS 11.5	197		662	668	189	654	305	1982
			6 J		202				194			
215/60 R 17 C	6	104/102 H	6 J	43 GS 11.5	225				216			
	8	109/107 T (104 H)	**6 ½ J**		230		700	706	221	690	319	2091
			7 J		235				226			
235/60 R 17 C	10	117/115 R	6 ½ J	TR 600 XHP,	245				235			
			7 J	TR 602 HP,	250		726	730	240	714	329	2163
			7 ½ J	40 MS	255				245			
225/55 R 17 C	6	104/102 H	6 ½ J	43 GS 11.5	237				228			
	8	109/107 T (104 T)	**7 J**		242		690	–	233	680	315	2060
			7 ½ J		247				238			
		109/107 H (104 H)										
255/55 R 17 C	10	118/116 R	7 ½ J	TR 600 XHP,	271				260			
			8 J	TR 602 HP,	276		724	728	265	712	328	2157
			8 ½ J	40 MS	281				270			
18inch												
255/55 R 18 C	8	116/114 T	7 ½ J	43 GS 11.5	271				260			
			8 J		276		749	753	265	737	341	2233
			8 ½ J		281				270			

*) 43 GS 11.5 are snap-in valves approved for up to 4.5 bar.
38 G 11.5 is a valve for the hose.
Standard rubber valves are only approved for up to 4.5 bar **in service**.
TR 600 XHP and TR 602 HP (ETRTO V3.23.1+2) are reinforced snap-in valves approved for up to 5.5 bar.
40 MS (ETRTO V2.04.1, V2.05.1) are metal valves approved for pressures up to 6 bar and higher.

	PR	Load Index	Wheel position [9]	**Load capacity** (kg) **per axle** at a tyre pressure (bar)													Speed Symbol and reference speed
		LI		3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	(km/h)
	6	99 97	S T	1295 2445	1380 2605	1465 2765	1550 2920										T 190 H 210
	6	100 98	S T	1240 2510	1425 2675	1515 2840	1600 3000										T 190
	6	103 101	S T	1460 2760	1560 3940	1655 3120	1750 3300										R 170 T 190
	6	101 99 105 103	S T S T	1550 2900 1550 2930	1650 3100 1650 3120	 1750 3310	 1850 3500										T 190 H 210
	8	111 109 105	S T S	1510 2855 1550	1610 3040 1650	1705 3225 1750	1805 3410 1850	1900 3590	1995 3770	2090 3945	2180 4120						
	6	98 96	S T	1255 2375	1340 2535	1420 2685	1500 2840										T 190
	6	96 94	S T	1190 2240	1265 2390	1345 2535	1420 2680										R 170
	6	104 102	S T	1505 2845	1605 3030	1705 3215	1800 3400										T 190 H 210
	8	109 107 104	S T S	1425 2700 1505	1520 2880 1605	1615 3055 1705	1705 3230 1800	1795 3400	1885 3570	1975 3735	2060 3900						
	10	117 115	S T	1640 3105	1750 3310	1860 3515	1965 3715	2070 3910	2170 4105	2270 4295	2370 4485	2470 4675	2570 4860				R 170
	6	104 102	S T	1505 2845	1605 3030	1705 3215	1800 3400										T 190 H 210
	8	109 107 104	S T S	1425 2700 1505	1520 2880 1605	1615 3055 1705	1705 3230 1800	1795 3400	1885 3570	1975 3735	2060 3900						
	10	118 116	S T	1685 3195	1800 3405	1910 3615	2015 3820	2125 4020	2230 4220	2335 4420	2435 4615	2540 4810	2640 5000				R 170
	8	116 114	S T	1730 3265	1845 3480	1955 3695	2065 3905	2175 4110	2285 4315	2390 4520	2500 4720						T 190

See cover foldout for footnotes

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size		LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres				
82/80 series				
175	R 13	86	585	2.6
125/80	R 13	65	320	2.6
135/80	R 13	70	370	2.6
145/80	R 13	75	425	2.6
155/80	R 13	79	480	2.6
155/80	R 13 **Rf.**	83	535	3.1
165/80	R 13	83	535	2.6
165/80	R 13 **Rf.**	87	600	3.1
145/80	R 14	76	440	2.6
165/80	R 14	85	565	2.6
175/80	R 14	88	615	2.6
185/80	R 14 **Rf.**	94	735	3.0
165/80	R 15	87	600	2.6
195/80	R 15	96	780	2.6
215/80	R 15	102	935	2.6
205/80	R 16 **XL**	104	990	3.0
75 series				
205/75	R 15	97	805	2.7
215/75	R 15	100	880	2.7
225/75	R 15	102	935	2.7
P 235/75	R 15	105	1020	2.7
235/75	R 15 **XL**	109	1135	3.1
265/75	R 15	112	1230	2.7
215/75	R 16 **XL**	107	1070	3.1
225/75	R 16	104	990	2.7
225/75	R 16 **XL**	108	1100	3.1
P 235/75	R 16	106	1045	2.7
235/75	R 16	108	1100	2.7
245/75	R 16	111	1200	2.7
265/75	R 16	116	1375	2.7
235/75	R 17	109	1135	2.7
70 series				
135/70	R 13	68	345	2.7
145/70	R 13	71	380	2.7
155/70	R 13	75	425	2.7

Conditions of use:

An increase of 10 % resp. 5 % for C tyres over the load capacity, as quoted in these tables, is permitted when tyres are fitted to caravans and light trailers with a maximum operating speed up to 100 km/h (62 mph). The basic inflation pressure for passenger tyres should be increased by 0.2 bar, as quoted in these tables.

Tyre size		LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres				
70 series				
165/70	R 13	79	480	2.7
165/70	R 13 **XL** / **Rf.**	83	535	3.1
175/70	R 13	82	525	2.7
175/70	R 13 **XL**	86	585	3.1
185/70	R 13	86	585	2.7
155/70	R 14	77	455	2.7
165/70	R 14	81	510	2.7
165/70	R 14 **XL** / **Rf.**	85	565	3.1
175/70	R 14	84	550	2.7
175/70	R 14 **XL**	88	615	3.1
185/70	R 14	88	615	2.7
185/70	R 14 **XL**	92	695	3.1
195/70	R 14	91	675	2.7
205/70	R 14 **XL**	98	825	3.1
135/70	R 15	70	370	2.7
155/70	R 15	78	470	2.7
195/70	R 15 **Rf.**	97	805	3.1
205/70	R 15	96	780	2.7
215/70	R 15	98	825	2.7
225/70	R 15	100	880	2.7
235/70	R 15	103	960	2.7
255/70	R 15	108	1100	2.7
265/70	R 15	112	1230	2.7
195/70	R 16	94	735	2.7
205/70	R 16	97	805	2.7
P 215/70	R 16	99	855	2.7
215/70	R 16	100	880	2.7
225/70	R 16	102	935	2.7
		103	965	2.7
225/70	R 16 **XL**	107	1070	3.1
P 235/70	R 16	104	990	2.7
235/70	R 16	106	1045	2.7
245/70	R 16	107	1070	2.7
245/70	R 16 **XL**	111	1200	3.1
255/70	R 16	111	1200	2.7
265/70	R 16	112	1230	2.7
275/70	R 16	114	1300	2.7
225/70	R 17 **XL**	108	1100	3.1
235/70	R 17 **XL**	111	1200	3.1
245/70	R 17	110	1165	2.7
255/70	R 17	112	1230	2.7
265/70	R 17	115	1335	2.7
265/70	R 18	116	1375	2.7

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
65 series			
155/65 R 13	73	400	2.7
165/65 R 13	77	455	2.7
175/65 R 13	80	495	2.7
155/65 R 14	75	425	2.7
165/65 R 14	79	480	2.7
175/65 R 14	82	525	2.7
175/65 R 14 **XL** / **Rf.**	86	585	3.1
185/65 R 14	86	585	2.7
185/65 R 14 **XL**	90	660	3.1
195/65 R 14	89	640	2.7
145/65 R 15	72	390	2.7
155/65 R 15	77	455	2.7
165/65 R 15	81	510	2.7
175/65 R 15	84	550	2.7
175/65 R 15 **XL**	88	615	3.1
185/65 R 15	88	615	2.7
185/65 R 15 **XL**	92	695	3.1
195/65 R 15	91	675	2.7
195/65 R 15 **XL** / **Rf.**	95	760	3.1
205/65 R 15	94	735	2.7
205/65 R 15 **XL** / **Rf.**	99	855	3.1
215/65 R 15	96	780	2.7
215/65 R 15 **Rf.**	100	880	3.1
195/65 R 16	92	695	2.7
215/65 R 16	98	825	2.7
215/65 R 16 **XL**	102	935	3.1
235/65 R 16	103	965	2.7
255/65 R 16	109	1135	2.7
215/65 R 17	98	825	2.7
	99	855	2.7
225/65 R 17	102	935	2.7
225/65 R 17 **XL**	106	1045	3.1
235/65 R 17	103	965	2.7
	104	990	2.7
235/65 R 17 **XL**	108	1100	3.1
245/65 R 17	107	1070	2.7
245/65 R 17 **XL**	111	1200	3.1
255/65 R 17	110	1165	2.7
255/65 R 17 **XL**	114	1300	3.1
265/65 R 17	112	1230	2.7
265/65 R 17 **XL**	116	1375	3.1
275/65 R 17	115	1335	2.7
285/65 R 17	116	1375	2.7

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
65 series			
235/65 R 18	106	1045	2.7
235/65 R 18 **XL**	110	1165	3.1
255/65 R 18	111	1200	2.7
265/65 R 18	114	1300	2.7
275/65 R 18	116	1375	2.7
60 series			
165/60 R 13	73	400	2.7
175/60 R 13	77	455	2.7
185/60 R 13	80	495	2.7
165/60 R 14	75	425	2.7
165/60 R 14 **XL**	79	480	3.1
175/60 R 14	79	480	2.7
185/60 R 14	82	525	2.7
195/60 R 14	86	585	2.7
155/60 R 15	74	410	2.7
165/60 R 15	77	455	2.7
175/60 R 15	81	510	2.7
185/60 R 15	84	550	2.7
185/60 R 15 **XL**	88	615	3.1
195/60 R 15	88	615	2.7
195/60 R 15 **XL**	92	695	3.1
205/60 R 15	91	675	2.7
205/60 R 15 **XL** / **Rf.**	95	760	3.1
215/60 R 15	95	760	2.7
215/60 R 15 **XL**	98	825	3.1
225/60 R 15	96	780	2.7
235/60 R 15	98	825	2.7
255/60 R 15	102	935	2.7
275/60 R 15	107	1070	2.7
185/60 R 16	86	585	2.7
195/60 R 16	89	640	2.7
195/60 R 16 **XL**	93	715	3.1
205/60 R 16	92	695	2.7
205/60 R 16 **XL**	96	780	3.1
215/60 R 16	95	760	2.7
215/60 R 16 **XL** / **Rf.**	99	855	3.1
225/60 R 16	98	825	2.7
225/60 R 16 **XL** / **Rf.**	102	935	3.1
235/60 R 16	100	880	2.7
235/60 R 16 **XL** / **Rf.**	104	990	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
60 series			
215/60 R 17	96	780	2.7
P 225/60 R 17	98	825	2.7
225/60 R 17	99	855	2.7
225/60 R 17 **XL**	103	965	3.1
235/60 R 17	102	935	2.7
235/60 R 17 **XL**	106	1045	3.1
255/60 R 17	106	1045	2.7
275/60 R 17	110	1165	2.7
P 225/60 R 18	99	855	2.7
225/60 R 18	100	880	2.7
225/60 R 18 **XL**	103	965	3.1
	104	990	3.1
235/60 R 18	103	965	2.7
235/60 R 18 **XL**	107	1070	3.1
P 245/60 R 18	104	990	2.7
255/60 R 18	108	1100	2.7
255/60 R 18 **XL**	112	1230	3.1
265/60 R 18	110	1165	2.7
265/60 R 18 **XL**	114	1300	3.1
275/60 R 18	113	1265	2.7
285/60 R 18	116	1375	2.7
255/60 R 19	109	1135	2.7
275/60 R 20 **XL**	119	1495	3.1
55 series			
195/55 R 13	80	495	2.7
185/55 R 14	80	495	2.7
175/55 R 15	77	455	2.7
185/55 R 15	81	510	2.7
	82	525	2.7
185/55 R 15 **XL** / **Rf.**	86	585	3.1
195/55 R 15	85	565	2.7
195/55 R 15 **XL** / **Rf.**	89	640	3.1
205/55 R 15	88	615	2.7
225/55 R 15	92	695	2.7

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
55 series			
185/55 R 16	83	535	2.7
185/55 R 16 **XL**	87	600	3.1
195/55 R 16	87	600	2.7
195/55 R 16 **XL**	91	675	3.1
205/55 R 16	91	675	2.7
205/55 R 16 **XL**	94	735	3.1
215/55 R 16	93	715	2.7
215/55 R 16 **Rf.**	95	760	3.1
215/55 R 16 **XL**	97	805	3.1
225/55 R 16	95	760	2.7
225/55 R 16 **XL**	99	855	3.1
255/55 R 16	103	965	2.7
195/55 R 17	88	615	2.7
205/55 R 17	91	675	2.7
205/55 R 17 **XL**	95	760	3.1
215/55 R 17	94	735	2.7
215/55 R 17 **XL**	98	825	3.1
225/55 R 17	97	805	2.7
225/55 R 17 **XL** / **Rf.**	101	910	3.1
235/55 R 17	99	855	2.7
235/55 R 17 **XL** / **Rf.**	103	965	3.1
245/55 R 17	102	935	2.7
255/55 R 17	104	990	2.7
275/55 R 17	109	1135	2.7
215/55 R 18	95	760	2.7
215/55 R 18 **XL**	99	855	3.1
225/55 R 18	98	825	2.7
225/55 R 18 **XL**	102	935	3.1
235/55 R 18	100	880	2.7
235/55 R 18 **XL**	104	990	3.1
255/55 R 18	105	1020	2.7
255/55 R 18 **XL**	109	1135	3.1
225/55 R 19	99	855	2.7
225/55 R 19 **XL**	103	965	3.1
235/55 R 19	101	910	2.7
235/55 R 19 **XL**	105	1020	3.1
245/55 R 19	103	965	2.7
255/55 R 19 **XL**	111	1200	3.1
275/55 R 19	111	1200	2.7
195/55 R 20 **XL**	95	760	3.1
235/55 R 20	102	935	2.7
255/55 R 20 **XL**	110	1165	3.1
275/55 R 20 **XL**	117	1415	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
50 series			
175/50 R 13	72	390	2.7
185/50 R 14	77	455	2.7
165/50 R 15	72	390	2.7
195/50 R 15	82	525	2.7
205/50 R 15	86	585	2.7
185/50 R 16	81	510	2.7
195/50 R 16	84	550	2.7
195/50 R 16 **XL**	88	615	3.1
205/50 R 16	87	600	2.7
225/50 R 16	92	695	2.7
	93	715	2.7
205/50 R 17	89	640	2.7
205/50 R 17 **XL**	93	715	3.1
215/50 R 17	91	675	2.7
215/50 R 17 **XL**	95	760	3.1
225/50 R 17	94	735	2.7
225/50 R 17 **XL**	98	825	3.1
235/50 R 17	96	780	2.7
235/50 R 17 **XL**	100	880	3.1
245/50 R 17	99	855	2.7
225/50 R 18	95	760	2.7
225/50 R 18 **XL**	99	855	3.1
235/50 R 18	97	805	2.7
235/50 R 18 **XL**	101	910	3.1
245/50 R 18	100	880	2.7
245/50 R 18 **XL**	104	990	3.1
285/50 R 18	109	1135	2.7
235/50 R 19	99	855	2.7
235/50 R 19 **XL**	103	965	3.1
255/50 R 19	103	965	2.7
255/50 R 19 **XL**	107	1070	3.1
265/50 R 19	106	1045	2.7
265/50 R 19 **XL**	110	1165	3.1
275/50 R 19 **XL**	112	1230	3.1
245/50 R 20	102	935	2.7
255/50 R 20 **XL**	109	1135	3.1
265/50 R 20 **XL**	111	1200	3.1
275/50 R 20	109	1135	2.7
285/50 R 20	112	1230	2.7
285/50 R 20 **XL**	116	1375	3.1
295/50 R 20 **XL**	118	1450	3.1
305/50 R 20 **XL**	120	1540	3.1

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
45 series			
195/45 R 13	75	425	2.7
195/45 R 14	77	455	2.7
195/45 R 15	78	470	2.7
195/45 R 16	80	495	2.7
195/45 R 16 **XL**	84	550	3.1
205/45 R 16	83	535	2.7
205/45 R 16 **XL**	87	600	3.1
215/45 R 16	86	585	2.7
215/45 R 16 **XL**	90	660	3.1
225/45 R 16	89	640	2.7
245/45 R 16	94	735	2.7
195/45 R 17	81	510	2.7
205/45 R 17	84	550	2.7
205/45 R 17 **XL**	88	615	3.1
215/45 R 17	87	600	2.7
215/45 R 17 **XL**	91	675	3.1
225/45 R 17	91	675	2.7
225/45 R 17 **XL** / **Rf.**	94	735	3.1
235/45 R 17	94	735	2.7
235/45 R 17 **XL**	97	805	3.1
245/45 R 17	95	760	2.7
245/45 R 17 **XL** / **Rf.**	99	855	3.1
255/45 R 17	98	825	2.7
255/45 R 17 **XL**	102	935	3.1
215/45 R 18 **XL**	93	715	3.1
225/45 R 18	91	675	2.7
225/45 R 18 **XL**	95	760	3.1
235/45 R 18	94	735	2.7
235/45 R 18 **XL**	98	825	3.1
245/45 R 18	96	780	2.7
245/45 R 18 **XL**	100	880	3.1
255/45 R 18	99	855	2.7
255/45 R 18 **XL**	103	965	3.1
265/45 R 18	101	910	2.7
275/45 R 18	103	965	2.7
225/45 R 19	92	695	2.7
225/45 R 19 **XL**	96	780	3.1
235/45 R 19	95	760	2.7
235/45 R 19 **XL**	99	855	3.1
245/45 R 19	98	825	2.7
245/45 R 19 **XL**	102	935	3.1
255/45 R 19	100	880	2.7
255/45 R 19 **XL**	104	990	3.1
265/45 R 19 **XL**	105	1020	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
45 series			
275/45 R 19 **XL**	108	1100	3.1
285/45 R 19	107	1070	2.7
285/45 R 19 **XL**	111	1200	3.1
295/45 R 19	109	1135	2.7
235/45 R 20 **XL**	100	880	3.1
245/45 R 20 **XL**	103	965	3.1
255/45 R 20	101	910	2.7
255/45 R 20 **XL**	105	1020	3.1
265/45 R 20	104	990	2.7
265/45 R 20 **XL**	108	1100	3.1
275/45 R 20 **XL**	110	1165	3.1
285/45 R 20 **XL**	112	1230	3.1
295/45 R 20 **XL**	114	1300	3.1
275/45 R 21	107	1070	2.7
275/45 R 21 **XL**	110	1165	3.1
285/45 R 21	109	1135	2.7
285/45 R 22 **XL**	114	1300	3.1
305/45 R 22 **XL**	118	1450	3.1
40 series			
195/40 R 14	73	400	2.7
195/40 R 16 **XL**	80	495	3.1
215/40 R 16 **XL**	86	585	3.1
225/40 R 16	85	565	2.7
195/40 R 17 **XL**	81	510	3.1
205/40 R 17 **XL**	84	550	3.1
215/40 R 17	83	535	2.7
215/40 R 17 **XL**	87	600	3.1
235/40 R 17	90	660	2.7
245/40 R 17	91	675	2.7
255/40 R 17	94	735	2.7
255/40 R 17 **XL**	98	825	3.1
205/40 R 18 **XL**	86	585	3.1
215/40 R 18	85	565	2.7
215/40 R 18 **XL**	89	640	3.1
225/40 R 18	88	615	2.7
225/40 R 18 **XL**	92	695	3.1
235/40 R 18	91	675	2.7
235/40 R 18 **XL**	95	760	3.1
245/40 R 18	93	715	2.7
245/40 R 18 **XL**	97	805	3.1
255/40 R 18	95	760	2.7
255/40 R 18 **XL**	99	855	3.1
265/40 R 18 **XL**	101	910	3.1

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
40 series			
275/40 R 18	99	855	2.7
275/40 R 18 **XL**	103	965	3.1
225/40 R 19	89	640	2.7
225/40 R 19 **XL**	93	715	3.1
235/40 R 19	92	695	2.7
235/40 R 19 **XL**	96	780	3.1
245/40 R 19	94	735	2.7
245/40 R 19 **XL**	98	825	3.1
255/40 R 19	96	780	2.7
255/40 R 19 **XL**	100	880	3.1
265/40 R 19	98	825	2.7
275/40 R 19	101	910	2.7
275/40 R 19 **XL**	105	1020	3.1
285/40 R 19	103	965	2.7
285/40 R 19 **XL**	107	1075	3.1
235/40 R 20 **XL**	96	780	3.1
245/40 R 20	95	760	2.7
245/40 R 20 **XL**	99	855	3.1
255/40 R 20	97	805	2.7
255/40 R 20 **XL**	101	910	3.1
265/40 R 20 **XL**	104	990	3.1
275/40 R 20 XL	106	1045	3.1
295/40 R 20	106	1045	2.7
295/40 R 20 **XL**	110	1165	3.1
255/40 R 21 **XL**	102	935	3.1
265/40 R 21	101	910	2.7
265/40 R 21 **XL**	105	1020	3.1
285/40 R 21 **XL**	109	1135	3.1
295/40 R 21 **XL**	111	1200	3.1
315/40 R 21	111	1200	2.7
265/40 R 22 **XL**	106	1045	3.1
275/40 R 22 **XL**	108	1100	3.1
285/40 R 22	106	1045	2.7
305/40 R 22 **XL**	114	1300	3.1
305/40 R 23 **XL**	115	1335	3.1
285/40 R 24 **XL**	112	1230	3.1
305/40 R 24 **XL**	117	1415	3.1
35 series			
215/35 ZR 17 **XL**	83	535	3.1
245/35 R 17	87	600	2.7
215/35 R 18 **XL**	84	550	3.1
225/35 R 18 **XL**	87	600	3.1
245/35 R 18	88	615	2.7
245/35 R 18 **XL**	92	695	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
35 series			
255/35 R 18	90	660	2.7
255/35 R 18 **XL**	94	735	3.1
265/35 R 18	93	715	2.7
265/35 R 18 **XL**	97	805	3.1
275/35 R 18	95	760	2.7
275/35 R 18 **XL**	99	855	3.1
285/35 R 18	97	805	2.7
285/35 R 18 **XL**	101	910	3.1
215/35 R 19 **XL**	85	565	3.1
225/35 R 19 **XL**	88	615	3.1
235/35 R 19	87	600	2.7
235/35 R 19 **XL**	91	675	3.1
245/35 R 19 **XL**	93	715	3.1
255/35 R 19	92	695	2.7
255/35 R 19 **XL**	96	780	3.1
265/35 R 19	94	735	2.7
265/35 R 19 **XL**	98	825	3.1
275/35 R 19 **XL**	100	880	3.1
285/35 R 19	99	855	2.7
285/35 R 19 **XL**	103	965	3.1
295/35 R 19	100	880	2.7
225/35 R 20 **XL**	90	660	3.1
235/35 R 20	88	615	2.7
235/35 R 20 **XL**	92	695	3.1
245/35 R 20	91	675	2.7
245/35 R 20 **XL**	95	760	3.1
255/35 R 20 **XL**	97	805	3.1
265/35 R 20	95	760	2.7
275/35 R 20 **XL**	102	935	3.1
285/35 R 20 **XL**	104	990	3.1
315/35 R 20 **XL**	110	1165	3.1
245/35 R 21 **XL**	96	780	3.1
255/35 R 21 **XL**	98	825	3.1
265/35 R 21 **XL**	101	910	3.1
275/35 R 21 **XL**	103	965	3.1
295/35 R 21	103	965	2.7
295/35 R 21 **XL**	107	1070	3.1
275/35 R 22 **XL**	104	990	3.1
285/35 R 22 **XL**	106	1045	3.1
305/35 R 24 **XL**	112	1230	3.1
315/35 R 24 **XL**	114	1300	3.1

Tyre size	LI	Max. Load capacity kg	Inflation pressure (bar)
Passenger Car Tyres			
30 series			
255/30 R 18 **XL**	90	660	3.1
285/30 R 18	93	715	2.7
295/30 R 18	94	735	2.7
295/30 R 18 **XL**	98	825	3.1
255/30 R 19 **XL**	91	675	3.1
265/30 R 19 **XL**	93	715	3.1
275/30 R 19 **XL**	96	780	3.1
285/30 R 19 **XL**	98	825	3.1
295/30 R 19	96	780	2.7
295/30 R 19 **XL**	100	880	3.1
305/30 R 19 **XL**	102	935	3.1
325/30 R 19 **XL**	105	1020	3.1
235/30 R 20 **XL**	88	615	3.1
245/30 R 20 **XL**	90	660	3.1
255/30 R 20 **XL**	92	695	3.1
265/30 R 20 **XL**	94	735	3.1
275/30 R 20 **XL**	97	805	3.1
285/30 R 20 **XL**	99	855	3.1
295/30 R 20 **XL**	101	910	3.1
305/30 R 20 **XL**	103	965	3.1
335/30 R 20 **XL**	108	1100	3.1
255/30 R 21 **XL**	93	715	3.1
265/30 R 21 **XL**	96	780	3.1
275/30 R 21 **XL**	98	825	3.1
285/30 R 21 **XL**	100	880	3.1
295/30 R 21 **XL**	102	935	3.1
265/30 R 22 **XL**	97	805	3.1
295/30 R 22 **XL**	103	965	3.1
315/30 R 22 **XL**	107	1070	3.1
305/30 R 23 **XL**	105	1020	3.1
25 series			
315/25 R 19 **XL**	98	825	3.1
295/25 R 20 **XL**	95	760	3.1
305/25 R 20 **XL**	97	805	3.1
325/25 R 20 **XL**	101	910	3.1
295/25 R 21 **XL**	96	780	3.1
325/25 R 21 **XL**	102	935	3.1
305/25 R 22 **XL**	99	855	3.1
335/25 R 22 **XL**	105	1020	3.1
315/25 R 23 **XL**	102	935	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	PR	LI	Max**) Load capacity kg	Inflation pressure (bar)
Commercial-C-tyres *)				
13 inch				
165 R 13 C	6	91	645	3.75
165/70 R 13 C	6	88	590	3.75
14 inch				
175 R 14 C	8	99	815	4.5
185 R 14 C	6	99	815	3.75
	8	102	895	4.5
195 R 14 C	8	106	1000	4.5
	10	110	1115	5.25
205 R 14 C	8	109	1080	4.5
215 R 14 C	8	112	1175	4.5
165/75 R 14 C	8	97	765	4.75
185/75 R 14 C	8	102	895	4.75
195/75 R 14 C	8	106	1000	4.75
165/70 R 14 C	6	89	610	3.75
175/70 R 14 C	6	95	725	3.75
195/70 R 14 C	8	101	865	4.75
175/65 R 14 C	6	90	630	3.75
15 inch				
185 R 15 C	8	103	920	4.5
195 R 15 C	8	106	1000	4.5
215/80 R 15 C	8	111	1145	4.75
245/75 R 15 C	6	109	1080	3.75
175/70 R 15 C	8	97	765	4.5
195/70 R 15 C	6	100	840	3.75
	8	104	945	4.5
205/70 R 15 C	8	106	1000	4.5
215/70 R 15 C	8	109	1080	4.5
225/70 R 15 C	8	112	1175	4.5
205/65 R 15 C	6	102	895	3.75
215/65 R 15 C	6	104	945	3.75
185/60 R 15 C	6	94	705	3.75
185/55 R 15 C	6	90	630	3.75

*) 14, 15 and small 16 to 18 inch C tyres with treads like pass. car tyres for service on delivery vans.
For other C tyres, see Technical Databook for truck tyres.

) also for C tyres: Load capacity **per tyre (single fitment).

Tyre size	PR	LI	Max.**) Load capacity kg	Inflation pressure (bar)
Commercial-C-tyres *)				
16 inch				
235/85 R 16 C	8	114	1240	4.75
	10	120	1470	5.75
205 R 16 C	8	110	1115	4.5
175/75 R 16 C	8	101	865	4.75
185/75 R 16 C	8	104	945	4.75
195/75 R 16 C	8	107	1025	4.75
	10	110	1115	5.25
205/75 R 16 C	8	110	1115	4.75
	10	113	1210	5.25
215/75 R 16 C	8	113	1210	4.75
	10	116	1315	5.25
225/75 R 16 C	8	116	1315	4.75
	10	121	1525	5.75
215/70 R 16 C	6	108	1050	3.75
195/65 R 16 C	6	100	840	3.75
	8	104	945	4.75
205/65 R 16 C	6	103	920	3.75
	8	107	1025	4.75
215/65 R 16 C	4	102	895	3.75
	6	106	1000	3.75
	8	109	1080	4.75
225/65 R 16 C	8	112	1175	4.75
235/65 R 16 C	8	115	1275	4.75
	10	118	1385	5.25
		121	1520	5.75
285/65 R 16 C	10	128	1890	5.25
195/60 R 16 C	6	99	815	3.75
205/60 R 16 C	6	100	840	3.75
215/60 R 16 C	6	103	920	3.75
225/60 R 16 C	6	101	865	3.25
	(6)	105	970	3.75
	8	111	1145	4.75
205/55 R 16 C	6	98	790	3.75
17 inch				
185/60 R 17 C	6	96	745	3.75
215/60 R 17 C	6	104	945	3.75
	8	109	1080	4.75
235/60 R 17 C	10	117	1350	5.25
225/55 R 17 C	6	104	945	3.75
	8	109	1080	4.75
255/55 R 17 C	10	118	1390	5.25
18 inch				
255/55 R 18 C	8	116	1315	4.75

Inner tube group	Tyre sizes (radial tyres)	
1020	145; 165/70	R 10 R 10
1210	125; 145/70	R 12 R 12
1220	135–150 155/70	R 12 R 12
1230	155; 165 165/70; 175/70	R 12 R 12
1320	135–150 145/70; 155/70	R 13 R 13
1330	155–165 165/70;175/70	R 13 R 13
1340	175–185 185/70; 195/70	R 13 R 13

Valve for all tubes indicated: 38 G 11.5.
Tubes may not be fitted in tyres of 65 series and below.

Inner tube group	Tyre sizes (radial tyres)	
1420	135–150 155/70	R 14 R 14
1430	155–165 165/70; 175/70	R 14 R 14
1440	170–185 185/70; 195/70	R 14 R 14
1460	195–205 205/70; 215/70	R 14 R 14
1510	125	R 15
1520	135–150 155/70	R 15 R 15
1530	155–165 165/70; 175/70	R 15 R 15
1540	170–185 185/70; 195/70	R 15 R 15
1550	6.70–7.60	R 15
1560	195; 205 205/70; 215/70; 225/70	R 15 R 15

The rim is the part of the wheel which supports the tyre.

1. Important elements of the rim

Rim flange = lateral support for the tyre bead

Flange distance = clear rim width

Bead seat = base on which the tyre bead is seated

Well = inner side of the rim

Diameter = specified diameter flange / bead seat

Hump = continuous raised section of the rim bead seat which enables a better fitting of tubeless tyre beads at **low pressure***).

2. Types of rims

The well-base rim is virtually the only type of rim used on cars, caravans and other car trailers:

Well-base rims = one-piece rims, deepened well for easier tyre fitting, 5 °tapered bead seat, "x" in the wheel size designation.

Virtually only J and B versions of the well-base rim are used and these are explained here in more detail.

If rubber valves (snap-in type) are used on rims for higher speeds, these must be fitted with **valve supports** where necessary. Also refer to the section "Fitting the tyre".

3. Wheel disc (nave)

The wheel disc is the linking element between the rim and the axle hub. Of all the measurements for wheel linking elements – centre bore and bore diameter, bolt hole type and **offset depth** – the latter is a particularly important factor for the free movement of the tyre in any wheel position.

(Offset depth = 0, when the rim centre and hub contact area of the wheel disc are in line).

4. Wheel strength

The wheel manufacturer must confirm that the wheel strength is adequate for each particular application.

5. Lateral and true running of the wheels (without tyres)

On cars which are virtually all able to considerably exceed 100 km/h (62 mph), it is particularly important that the wheels of the vehicle are **well-centred.**

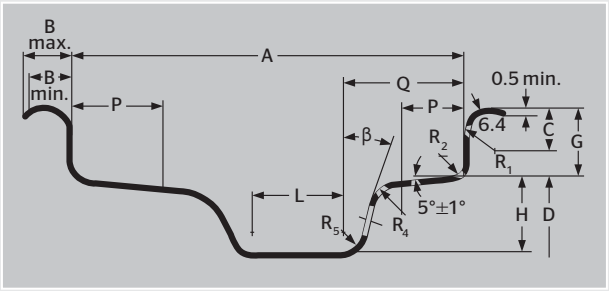
There should be as little radial and lateral run-out as possible on both bead seat / flange sides of the rim, in order to achieve **good smooth running.**

The standard shows max. tolerances of 1.20 mm. This dimension is for the centre of the tyre seat area or the centre of the flange height. All measurements, particularly the **uniformity,** should be well within these tolerances.

*) Safety shoulders (e. g. hump) are prescribed for tubeless radial car tyres. They should also be used for tubeless light truck C tyres with a 14 to 18 inch code for the rim diameter.

R_4 and R_5: between 4 and 10 mm
R_5: not larger than 10 mm

Valve Hole-Ø:
11.5 mm ($11.3_{-0}^{+0.4}$) centrally in the side of the rim well.
16.0 mm ($15.7\ mm_{-0}^{+0.4}$) only with Ø-Code 15.



Rim Contour	Dimensions (mm)												
	A		B Min.	B Max. [1]	G ± 0,6	P Min.	H Min. [2]	L Min.	Q Max.	R_1 Min.	R_2 Max.	β Min.
3.00 B	76	± 1	10	13	14.1	13	15	16	28	7.5	4.5	10°
3.50 B	89					15		19	34			13°
4.00 B	101.5								45			
4.50 B	114.5					19.5		22				
5.00 B	127											
5.50 B	139.5											
6.00 B	152.5											
3 J	76		11	15	17.3	13	17.3	16	28	9.5	6.5	10°
3 ½ J	89					15		19	34			20°
4 J	101.5					19.5		22	45			
4 ½ J	114.5											
5 J	127											
5 ½ J	139.5											
6 J	152.5											
6 ½ J	165	± 1.5										
7 J	178											
7 ½ J	190.5											
8 J	203											
8 ½ J	216											
9 J	228.5											
9 ½ J	241.5											
10 J	254											
10 ½ J	266.5											
11 J	279.5											
11 ½ J	292											
12 J	305											
12 ½ J	317.5											

[1] B max. values may be exceeded on rims for light commercial vehicles

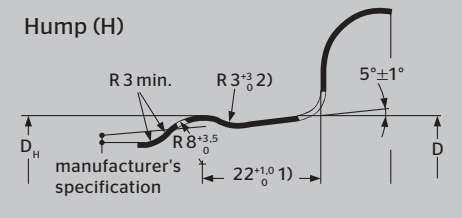
[2] Minimum dimensions for well depth (H) and well angle are required for tyre mounting

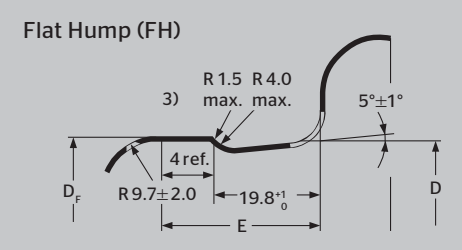
Rim diameter

Code (ins)	12	13	14	15	16	17	18	19	20	21	22	23	24
D (mm)	304.0	329.4	354.8	380.2	405.6	436.6	462.0	487.4	512.8	538.2	563.6	589.0	614.4

Special rim executions for passenger cars

In many countries safety rims must be used for tubeless radial tyres.

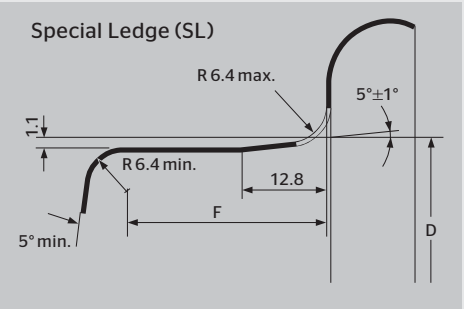




[1] In most car rims 19.8 mm.
[2] For B-Rims R = 8.5 mm max. resp. R = 4 ± 1 mm.
[3] Deburred.

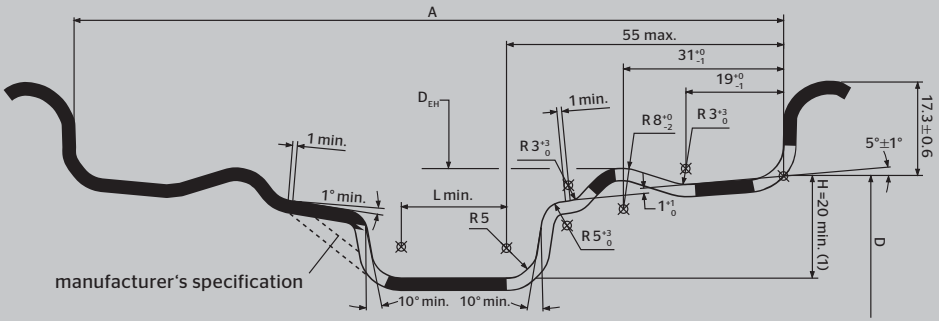
These **full-drop centre rims with safety shoulders** for cars, estate cars and light trucks are marked with the following-codes shown after rim size designation:

H = one-sided round hump on outer shoulder (formerly: H 1)
H2 = double round hump
FH = flat hump on outer shoulder (formerly: FHA 1)
FH2 = double flat hump (formerly: FHA 2)
CH = combination hump = flat hump on outer shoulder, round hump on inner shoulder (formerly: FHA-H)
SL = special ledge
EH2 / 2+ = Extended Hump (with extended hump on both sides)
(see following page)



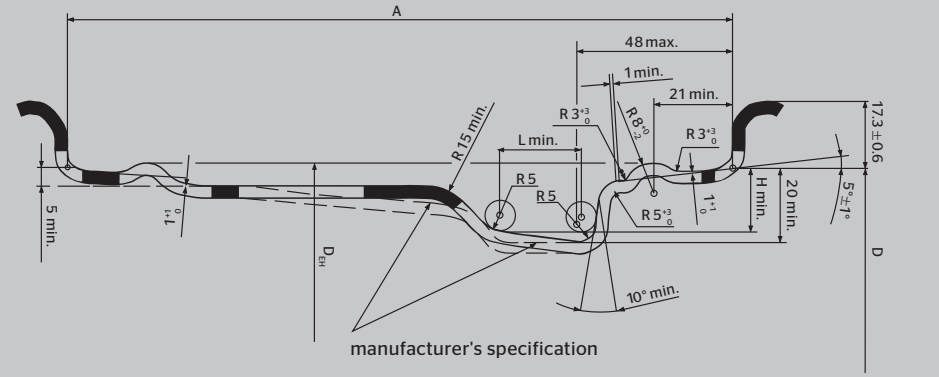
Ledge	Rim diameter Code (ins)	Dimensions (mm)		
		H	FH	
		Circumference $\pi \cdot D_H$ (+ 0/-3)	Circumference $\pi \cdot D_F$ (+ 0/-3)	E Max.
B	12	957.6	-	-
	13	1037.0	1034.8	24.5
	14	1116.8	1114.6	
J	13	1037.0	1034.8	28.5
	14	1116.8	1114.6	
	15	1196.6	1194.4	
	16	1276.4	1274.2	
	17	1373.8	1371.6	
	18	1453.6	1451.4	
	19	1533.4	1531.2	
	20	1613.2	1611.0	
	21	1693.0	1690.8	
	22	1772.8	1770.6	
	23	1852.6	1850.4	
	24	1932.4	1930.2	

Extended Hump – with extended hump on both sides (EH 2)



This contour is valid for rim sizes from 5 ½ J to 13 ½ J
(1): H ≥ 22 necessary for automatic fitting two beads at once

Extended Hump – with extended hump on both sides (EH 2+)



Extended Hump circumference

Rim diameter Code (ins))	Extened Hump circumference (mm) $\pi \cdot D_{EH}$ (+ 0/-3)
15	1204.2
16	1284.0
17	1381.2
18	1461.0
19	1540.8
20	1620.6
21	1700.4

SAFETY WARNING!
The following instructions must be observed to ensure vehicle safety at all times. Disregarding the fitting instructions could endanger the safety of the tyre fitter or driver. This applies in particular to inflation pressure.

Non-compliance with these instructions means risking tyre damage which, if serious enough, may result in a tyre bursting. It is an hazard like this that can cause traffic accidents involving vehicle damage and / or serious personal injury.

Correct choice of tyre and wheel

Tyres should only be chosen in accordance with vehicle documents and recommendations of the tyre manufacturer.

The dimensions and service descriptions of SSR runflat tyres*) (see page 21) correspond to those of standard tyres of the same size and construction. SSR tyres may only be fitted on vehicles for which they are approved by the vehicle manufacturer and that are equipped with a tyre pressure monitoring system (TPMS).
Do not mix SSR runflat tyres with standard tyres.

If tyres are changed to a different size, all legal requirements and regulations, as well as the recommendations of the vehicle, wheel and tyre manufacturers must be complied with. In any event, the freedom of motion of the wheel and adequate load capacity of the tyre must be observed.

Tyre sizes and rims not entered in the vehicle registration document may only be fitted if the vehicle and tyre manufacturer issue a **certificate of non-objection** or if a public authority issues fitting approval after an inspection by an officially authorised expert **).

80 and 82 series passenger car tyres of the same size can be interchanged without new approval and without any new entry in the vehicle documents if Load Index (LI) and Speed Symbol (SSY) of the interchanging size are of an equivalent or higher-grade quality. Example: 155/80 R 13 79 T replaces 155 R 13 79.

Mixed tyre constructions (radial or cross-ply) for cars, caravans and other car trailers are not permitted: Tyres fitted on any one vehicle must all be either radial or cross-ply. (Exception: Use of the spare tyre in an emergency).

The same applies to the choice of **wheels (rims):** The standard wheels approved by the vehicle manufacturer must be used as recommended.

The **tyre widths** given in the tables on pages 24–63 and 74–85 refer to the **measuring rim** (bold print in the tables). In the event of a change in the rim width by +½ inch, the tyre width changes by approx. + 5 mm.

Winter tyres

Winter tyres are clearly superior in the cold months of the year; they offer a wider margin of safety and better economy when the temperature drops below 7 °C.

Winter tyres approved for a max. speed lower than that of the vehicle may only be fitted if the max. speed of these tyres is displayed in full view of the driver, e. g. on a clearly visible sticker on the dashboard. This maximum tyre speed must not be exceeded.

*) only available for tyre brand Continental

**) Exception: This does not apply to the UK

A combination of summer and winter tyres on passenger cars is not recommended.

Winter tyres have to meet special requirements, meaning that the legal minimum tread depth of 1.6 mm is inadequate. **The suitability limit for winter use is a tread depth of 4 mm.** In the interest of safety, Continental recommends replacing winter tyres before the tread depth drops below 4 mm for winter service.

Top safety in winter can be provided only by true winter tyres on all axle positions (4 tyres).


Snowflake designation: This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Brittleness temperature of rubber compounds – passenger tyres

Several performance aspects of tyres are influenced by temperature. For example traction (wet and dry), rolling resistance, mileage and ride comfort.

To achieve optimum performance, Continental therefore recommends that winter tyres be used at temperatures below +7 °C and summer tyres at temperatures above +7 °C.

All-season tyres with M+S marking, although a compromise in certain performance aspects, are suitable for use in hot and cold temperatures.

The tread patterns and rubber compounds used in the above mentioned tyres are specifically designed and developed to offer optimum performance within the temperature range for which they are intended.

Summer tyres – especially Ultra High Performance (UHP) tyres
The highly developed, specialized tread compounds used in such tyres are designed to provide the highest possible levels of grip at ambient temperatures above +7 °C.

Such tread compounds are however **very sensitive to temperature.**

Permanent damage may occur to the tread compounds of such tyres if they are used at temperatures below – 20 °.

At this temperature, the tread compounds of UHP summer tyres may lose their elasticity and become brittle (the so-called brittleness point). When this occurs and the tyre is flexed, the tread compound may crack.

Therefore, UHP summer tyres should not be used at temperatures below – 20 °C. Continental group tyres with an M+S marking on the sidewall are suitable for use down to – 45 °C.

Fitting the tyre

SAFETY WARNING!
If a tyre is not properly fitted it may burst. The energy released in a blow-out can cause fatal injuries so tyres must be fitted by an expert.

Only approved fitting tools and lubricants may be used. Observe all fitting instructions.

Because of the special technology involved, SSR runflat tyres*) may be mounted and removed only by specifically trained workshops that have been certified by Continental (see page 21).
Detailed mounting instructions for SSR runflat tyres*) under www.conti-ssr.co.uk

ContiSeal tyres*) do not differ from non-ContiSeal tyres in aspects such as mounting, demounting, inflating, and balancing. For detailed information see page 22 and www.contiseal.com

Before the old tyre is taken off the valve insert must be unscrewed and removed to ensure all air has escaped.

When removing tyres sealed with sealant (e. g. ContiComfort-Kit*)) pay special attention to the following:

The tyre could contain up to ½ litre liquid sealant. Therefore:

- Wear PE gloves when removing the tyre and make sure that the work area is well ventilated (to prevent odour build-up).
- Make certain that the tyre is fully deflated before removal.
- Move the wheel carefully so the sealant can collect at the lowest point in the tyre. Drain all of the sealant before removing the tyre.
- Dispose of remaining sealant in compliance with national regulations.

Detailed instructions for removing tyres filled with sealant can be found under www.conticomfortkit-shop.co.uk

The new tyre and rim must have matching diameters and be approved as a combination for the vehicle model concerned. Only rims of the correct size in perfect condition and free of rust should be used. They must not be damaged, out of shape or worn. This applies in particular in combination with SSR runflat tyres*).

When fitting new tube-type tyres, always use **new tubes.** As tubes stretch in service, there is a risk of folds forming in old tubes, so re-used tubes could suddenly tear.

For safety reasons, tubeless tyres should always be fitted with **new valves.**

If rubber valves (snap-in types) are used for tubeless tyres, the vehicle manufacturer's instructions must be complied with in all cases. A **valve support** (i. e. a stopper on the rim itself or the hubcap) should be fitted, if H, V, W, Y or ZR tyres are specified for the vehicle. This ensures that valves are not forced off at high speeds.

Always coat the tyre beads and the rim with a **fitting lubricant** recommended by the tyre manufacturer. This applies in particular to low section tyres and SSR runflat tyres*). Never use greases or other hydrocarbons for this purpose.

While the tyre is being inflated, the wheel must remain firmly secured on the mounting machine. **Never inflate an unsecured tyre.**

*) only available for tyre brand Continental

Keep a reasonable distance from any tyre that is being inflated. Make use of a sufficiently long and secured extension hose with an integrated pressure gauge. **Never bend over a tyre while it is being inflated.**

When fitting tubeless car tyres, care should be taken to ensure that the tyre beads coming from the well-base first clear the hump in the rim shoulder. To avoid cracks in the bead core, the **"pop" pressure** necessary should not exceed 3.3 bar. If the tyre does not pop into place even at this pressure, the pressure must be lowered, and the cause identified and eliminated. Then the procedure can be repeated.

Only when the tyre beads are seated correctly on the rim shoulder may the pressure be increased to achieve the required press-fit and firm grip on the rim flanges. However, this **"fitting pressure"** should not exceed 150 % of the max. pressure given in the tables or be more than 4.0 bar. After this, adjust the pressure to the **operating pressure** specified by the vehicle manufacturer (also see Continental tyre pressure table).

Car tyres should be **dynamically balanced.**

Fitting the wheel to the vehicle

If the tyres exhibit uneven wear then the axle geometry should be checked and corrected if necessary.

SSR runflat tyres*) may only be fitted on vehicles for which they are approved by the vehicle manufacturer and that are equipped with a tyre pressure monitoring system.

Valves should be fitted with **valve caps** – preferably with a sealing ring – as they protect the delicate **valve inserts** and the inside of the tyre.

When mounting **wheel caps and wheel trim rings**, sufficient clearance to the tyre sidewall must be maintained. The wheel cap or wheel trim ring may not come in contact with the tyre under any operating conditions. This applies in particular to tyres with rim protection (flange ribs "FR").

Directional tyres must be fitted so that they roll in the direction of the arrow on the sidewall as the vehicle moves forward.

Exception: For a short-term use as a temporary fitment spare; but revert to specified fitted position at the earliest possible opportunity!

A**symmetrical tyres** must be fitted with the sidewall 'Outside' on the outside of the vehicle so that their asymmetrical treads can be used to best effect.

Tyre pressure

SAFETY WARNING!

Incorrect tyre pressure can lead to the inside of the tyre being damaged. This can result in tyre failure or even a blowout. Hidden tyre damages are not rectified by adjusting the tyre pressure.

*) only available for tyre brand Continental

Table 1:
Load capacities and tyre pressures – standard load car tyres
(The tyre pressure values shown here apply to speeds up to 160 km/h (100 mph) and camber angles not greater than 2 °)

Load Index	Load capacity (kg) at tyre pressure (bar)					
	2.0	2.1	2.2	2.3	2.4	2.5
62	220	230	240	250	255	265
63	230	235	245	255	265	272
64	235	245	255	260	270	280
65	245	250	260	270	280	290
66	250	260	270	280	290	300
67	255	265	275	285	295	307
68	265	275	285	295	305	315
69	270	285	295	305	315	325
70	280	290	300	315	325	335
71	290	300	310	325	335	345
72	295	310	320	330	345	355
73	305	315	330	340	355	365
74	315	325	340	350	365	375
75	325	335	350	360	375	387
76	335	350	360	375	385	400
77	345	360	370	385	400	412
78	355	370	385	400	410	425
79	365	380	395	410	425	437
80	375	390	405	420	435	450
81	385	400	415	430	445	462
82	395	415	430	445	460	475
83	405	425	440	455	470	487
84	420	435	450	470	485	500
85	430	450	465	480	500	515
86	445	460	480	495	515	530
87	455	475	490	510	525	545
88	470	485	505	525	540	560
89	485	505	525	545	560	580

Load capacities and tyre pressures – standard load car tyres

Load Index	Load capacity (kg) at tyre pressure (bar)					
	2.0	2.1	2.2	2.3	2.4	2.5
90	500	520	540	560	580	600
91	515	535	555	575	595	615
92	525	550	570	590	610	630
93	545	565	585	610	630	650
94	560	585	605	625	650	670
95	575	600	625	645	670	690
96	595	620	640	665	685	710
97	610	635	660	685	705	730
98	625	650	675	700	725	750
99	650	675	700	725	750	775
100	670	695	720	750	775	800
101	690	720	745	770	800	825
102	710	740	765	795	825	850
103	730	760	790	820	845	875
104	755	785	815	840	870	900
105	775	805	835	865	895	925
106	795	825	860	890	920	950
107	815	850	880	910	945	975
108	835	870	905	935	970	1000
109	860	895	930	965	995	1030
110	885	920	955	990	1025	1060
111	910	950	985	1020	1055	1090
112	935	975	1010	1050	1085	1120
113	960	1000	1040	1075	1115	1150
114	985	1025	1065	1105	1140	1180
115	1015	1055	1095	1135	1175	1215
116	1045	1085	1130	1170	1210	1250

Table 2:
Load capacities and tyre pressures – Reinforced and Extra Load (XL) car tyres

Load Index	Load capacity (kg) at tyre pressure (bar)									
	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
79	325	340	350	365	375	390	400	415	425	437
80	335	350	360	375	385	400	410	425	440	450
81	345	355	370	385	395	410	425	435	450	462
82	355	365	380	395	410	420	435	450	460	475
83	360	375	390	405	420	430	445	460	475	487
84	370	385	400	415	430	445	460	470	485	500
85	385	400	415	430	445	455	470	485	500	515
86	395	410	425	440	455	470	485	500	515	530
87	405	420	435	455	470	485	500	515	530	545
88	415	435	450	465	480	495	515	530	545	560
89	430	450	465	480	500	515	530	550	565	580
90	445	465	480	500	515	535	550	565	585	600
91	455	475	495	510	530	545	565	580	600	615
92	470	485	505	525	540	560	575	595	615	630
93	485	500	520	540	560	575	595	615	630	650
94	500	520	535	555	575	595	615	635	650	670
95	515	535	555	575	595	615	630	650	670	690
96	525	550	570	590	610	630	650	670	690	710
97	540	565	585	605	625	650	670	690	710	730
98	555	580	600	625	645	665	685	710	730	750
99	575	600	620	645	665	690	710	730	755	775
100	595	620	640	665	690	710	735	755	780	800
101	615	635	660	685	710	735	755	780	800	825
102	630	655	680	705	730	755	780	805	825	850
103	650	675	700	725	750	775	800	825	850	875
104	670	695	720	750	775	800	825	850	875	900
105	685	715	740	770	795	820	850	875	900	925
106	705	735	760	790	815	845	870	895	925	950
107	725	755	780	810	840	865	895	920	950	975
108	745	770	800	830	860	890	915	945	970	1000
109	765	795	825	855	885	915	945	975	1000	1030
110	785	820	850	880	910	940	970	1000	1030	1060
111	810	840	875	905	935	970	1000	1030	1060	1090
112	830	865	900	930	965	995	1025	1060	1090	1120
113	855	890	920	955	990	1020	1055	1085	1120	1150
114	875	910	945	980	1015	1050	1080	1115	1145	1180
115	905	940	975	1010	1045	1080	1115	1145	1180	1215
116	930	965	1000	1040	1075	1110	1145	1180	1215	1250
117	955	995	1030	1065	1105	1140	1180	1215	1250	1285
118	980	1020	1060	1095	1135	1170	1210	1245	1285	1320
119	1010	1050	1090	1130	1170	1210	1245	1285	1320	1360
120	1040	1080	1120	1165	1205	1245	1285	1320	1360	1400

The tyre must be inflated to the pressure specified by the vehicle and tyre manufacturer. This varies depending on the load and service conditions.

The pressure always refers to the c**old** tyre and must not be allowed to fall below this value. The pressure inside warm tyres – driving causes heat build-up – is naturally higher. So never reduce the pressure of warm tyres. Once they cool down, their pressure could fall below the specified **minimum tyre pressure.**

The tyre pressure must be checked and adjusted regularly every 14 days on the cold tyre. The spare tyre may not be forgotten.

Incorrect tyre pressure causes premature and / or uneven tread wear. **Under-inflated** tyres have a higher **rolling resistance,** and this means a higher f**uel consumption.**
In extreme cases underinflation may result in tyre failure.

The tyre pressure values for car tyres given in table 1 and 2 are **minimum pressures** for speeds up to 160 km/h (100 mph). They may be increased, for example, for reasons of driving stability. Please refer to the recommendation of the vehicle manufacturer.

3.2 bar is the **maximum tyre pressure** on standard version car tyres up to and including Speed Symbol T; 3.5 bar for H-, V-, W-, Y and ZR-, as well as M+S and XL / Reinforced tyres. **These values may not be exceeded.**

ZR tyres without service description have from 160 km/h (100 mph) to 190 km/h (118 mph) inclusive the stated pressure of 2.5 bar. Then the inflation pressure must be increased by 0.1 bar for each 10 km/h (6 mph) up to 3.5 bar at 240 km/h (150 mph) under full load and maximum 2 ° wheel camber.

Table 3:
For **higher speeds** the **tyre pressure** should be **increased** in regard of the load capacity (taken from the ETRTO Standards Manual):

Speed capacity of the vehicle (incl. tolerance, about 9 km/h, 6 mph) (km)	Speed Symbols								
	Q	R	S	T	U	H	V	W	Y
	Tyre pressure*) (bar)								
≤160	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
170		2.6	2.6	2.6	2.6	2.6	2,6	2.5	2.5
180			2.6	2.6	2.6	2.6	2.6	2.5	2.5
190				2.7	2.7	2.7	2.7	2.5	2.5
200					2.7	2.7	2.7	2.6	2.5
210						2.8	2.8	2.7	2.5
220							2.8	2.8	2.5
230							2.8	2.9	2.6
240							2.8	3.0	2.7
250								3.0	2.8
260								3.0	2.9
270								3.0	3.0
280									3.0
290									3.0
300									3.0

*) at the maximum load of the tyre, up to 2 ° wheel camber

Load capacity and speed

When determining the minimum tyre size necessary for a vehicle, the permitted **axle load** and the **maximum design speed** of the vehicle must be used as a basis.

The maximum load capacity of a car tyre is expressed through its **Load Index (LI)** (see page 8).

Table 4:
Percentage of load capacity versus speed [1)]
(taken from the ETRTO Standards Manual):

Speed capacity of the vehicle (incl. tolerance, about 1 % V_{max} + 6.5 km/h) (km)	Speed Symbols				
	H	V	W	Y	(Y)
	%				
210	100	100	100	100	100
220	-	97	100	100	100
230	-	94	100	100	100
240	-	91	100	100	100
250	-	-	95	100	100
260	-	-	90	100	100
270	-	-	85	100	100
280	-	-	-	95	[3)]
290	-	-	-	90	[3)]
300	-	-	-	85	[3)]
>300 [2)]	-	-	-	-	[3)]

[1)] For intermediate maximum speeds, linear interpolation of the tyre load capacity is permitted.

[2)] For speeds over 300 km/h (187 mph), the relevant inflation pressures will be agreed between vehicle and tyre manufacturers (or their national associations), taking into consideration the vehicle characteristics and the type of service.

[3)] (Y) tyres fulfill the requirements of Y tyres and could even be higher depending on the maximum speed. The load capacity of (Y) tyres has to be confirmed by the tyre manufacturer.

For **ZR tyres** without service description the maximum load capacity given in the tables from page 24 onwards applies to speeds up to 240 km/h (150 mph).

For speeds over 240 km/h (150 mph) please refer to us for load capacity and tyre pressure.

If car tyres are to be used on a vehicle with a **wheel camber** of over 2 °, please check load capacity and tyre pressure with us.

The load capacity of tyres in **twin fitment** is 1.85 times the load capacity of a single tyre.

The **load capacities** in the tables for car tyres can be increased if the tyres are fitted on vehicles with **the following low type-related** max. speeds and if the inflation pressure is increased at the same time (taken from the ETRTO Standards Manual):

Max. speed capability	(km/h)	60	50	40	30	25
Load capacity	(%)	110	115	125	135	142
Inflation pressure increase	(bar)	0.1	0.2	0.3	0.4	0.5

Tyre damage

Most tyre damage is caused by incorrect tyre pressure, so we recommend a regular tyre pressure check every 2 weeks. When the car has been driven and the tyres are warm, it is normal for the **tyre pressure to increase.** Never bleed warm tyres.

A balanced, even **style of driving** is beneficial for the tyres and the environment. Harsh acceleration, braking and fast cornering shorten the **service life** of tyres.

This applies equally to other types of **tyre usage** such as severe scuffing along the kerb, or driving over obstacles. This can cause hidden or visible **damage** to tyres.

Vibrations of the steering wheel could point to tyre damage. All the vehicle's tyres should be checked immediately for damage.

Overstressing of tyres (excessive speed or overloading), is to be avoided. This has the same critical effect as **under inflation** and can cause heat damage to the tyre.

Tyre rotation on a vehicle

The tyres on a vehicle should be rotated regularly to help ensure even wear and maximum tread life.

Tyres should be rotated as instructed in the vehicle owner's manual, with special attention being given to the **recommended interval for rotating tyres.** Unless otherwise specified by the vehicle manufacturer, tyres should be rotated every 10,000 to 12,000 kilometers – or even earlier if the tread shows signs of uneven wear. In the latter case, the vehicle's wheel alignment and pertinent mechanical components should be checked and corrected, if need be.

Full-size **spare tyres** (not temporary spares) of the same size and design as the tyres in use on the vehicle should be included in the tyre rotation. In conjunction with the rotation, the full-size spare tyre's inflation pressure should be checked and, if need be, corrected.

A tyre's **inflation pressure** must correspond to what is specified in the vehicle owner's manual for the respective tyre position (recommended inflation pressure may differ for the front- and rear axle tyres).

Tyre rotation may effect the **tyre pressure monitoring system** (TPMS). The vehicle owner's manual or a qualified service professional should be consulted in the event that the TPMS has to be adjusted or recalibrated.

The **rolling direction** of directional tyres should not be reversed when the tyres are rotated.

Mixing tyres should be avoided

Tyre size, Load Index (LI) and Speed Symbol (SSY) at all wheel positions should be in accordance with the vehicle manufacturer's specification. In many countries, this is a legal requirement.

Driving with a non-recommended mix of tyre sizes, designs and Speed Symbols can be dangerous. In the event that tyres of different sizes, designs, Load Index or Speed Symbol are to be fitted on a vehicle, the vehicle manufacturer's recommendations should be heeded and / or the advice of a qualified tyre specialist sought. Some vehicles leave the factory with different tyre sizes on the front and rear axles. This configuration must not be changed unless approved by the vehicle manufacturer.

No more than one temporary spare*) should be used on a vehicle at any one time. A tyre of this kind may only be driven up to a maximum speed of 80 km/h and is intended for temporary use, as indicated on the tyre sidewall and / or on a label attached to the tyre or the wheel.

Mounting new tyres on the rear axle

It is recommended that all tyres used on the vehicle be replaced at the same time. If this is not the case, at least all the tyres on the same axle should be replaced at the same time.

If only one axle set of tyres is replaced, it is recommended to fit the newest tyres on the rear axle.

Additional important tips regarding tyre position

The **spare tyre's** date of manufacture and condition (e. g. signs of cracking, remaining tread depth) should be checked regularly.

For 4-wheel drive and All Wheel drive vehicles, any special tyre fitment requirements in the vehicle owner's manual should be heeded – especially if the vehicle is equipped with electronic systems such as antilock brakes, traction control or stability control. Damage to the vehicle or its transmission can result if these requirements are not followed.

Winter tyres should be fitted to all wheel positions. They should not be mixed with all-season or summer tyres.

*) only available for tyre brand Continental

Tyre Storage Recommendations

These recommendations are intended for consumers, but they are also important for tyre dealers. For commercial applications of new and waste tyres (tyre dealers and fleets), there may be more stringent and legal restrictions. Please check local regulations.

ContiSeal tyres*) should be stored under the same conditions as recommended here for non-ContiSeal tyres.
Due to the sticky nature of the inside of ContiSeal tyres, do not place any objects or material inside the tyre as they may become stuck and subsequently difficult to remove without damage to the tyre.

Tyres are compounded to resist normal deterioration caused e. g. by sunlight, humidity and ozone. Nevertheless, stored tyres should be protected against these and other potentially damaging conditions.

The longer the storage period, the more exposure there is to potential damage.

After dismounting from a vehicle the tyres should be thoroughly cleaned and inspected for damage. Remove all stones and debris from the grooves. Chalk marking the tyres with their wheel positions (FL for Front Left, RR for Rear Right, etc.) will help to find the correct positions according the rotational plan.

General:

- DO STORE TYRES where it is clean, dry and moderately ventilated.
- **Moist conditions** should be avoided. Tyres destined for retreading / repairing should be thoroughly cleaned and dried out before such operations are performed.
- DO STORE TYRES at **temperatures** not exceeding 35 °C (95 F), preferable below 25 °C (77 F). Direct contact with hot pipes and radiators must be avoided.
- Also deep temperatures below the freezing point might lead to brittleness and tyres should be carefully warmed up before mounting.
- DO STORE TYRES, if outdoors, protected by an opaque waterproof covering, but avoid creating a heat box or steam bath. Ensure proper ventilation.
- DO STORE TYRES, if outdoors, where tyres are raised off the storage surface.
- **AVOID** STORING TYRES on piers, ship decks, or other unprotected areas.
- **AVOID** STORING TYRES, where they can be damaged by passing objects – lawn mower, bicycle, or garden tools.
- **AVOID** STORING TYRES where the area is wet, oily, and / or greasy such as with gasoline or petroleum-based products. Also, do not store on or against sensitive surfaces where staining can take place.

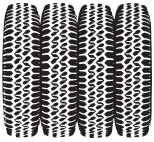
*) only available for tyre brand Continental

Tyres with rims

Inflated

Do not stand them upright | hang them | or pile them (restack every four weeks)

Tyres without rims



Do not pile them, or hang them | stand them upright and rotate them every four weeks (on racks clear of floor)

- **AVOID** STORING TYRES in the proximity of chemical agents like solvents, fuels, oils, hydrocarbons, paint, acids, disinfectants, etc.

- **AVOID** STORING TYRES where subject to extreme temperatures, direct sunlight or artificial light with a high ultra-violet content. Room lighting with ordinary incandescent lamps is preferable to fluorescent tubes.

  Never store them near battery chargers, ovens, or open fires.

- **AVOID** STORING TYRES on black asphalt or other heat absorbent surfaces and on highly reflective surfaces (i. e., sand or snow covered ground).

- **AVOID** STORING TYRES in the same area as an electric motor or other ozone generating source. If there is a question, check ozone levels to be sure they do not exceed 0.08 ppm.

- **Do not** use tyres as a workbench or tool stand. Soldering irons, power drill and tools can damage a tyre.

  Never put a burning cigarette on a pile of tyres.

- **Do not** store other items on top of a tyre, especially where staining of the surface would be a concern.

Loose tyres or tyres mounted on rims,
but not installed on a vehicle:

- DO STORE TYRES so that they retain their shape.

- Mounted tyres should preferable be inflated to only 100 kPa (15 psi / 1 bar).

- **Be sure to adjust the tyres to the recommended inflation pressure before mounting on the vehicle.**

Tyres installed on a vehicle in long term storage:

- If possible, store the vehicle on blocks to remove all weight from the tyres and cover the tyres to protect them from environmental exposure.
- If the vehicle cannot be raised, completely unload it to reduce the load on the tyres. The storage surface should be firm, reasonably level, well drained, and clean.
- In cases where the tyres will be supporting the vehicle, it is permissible to inflate the tyres to the maximum pressure listed on the sidewall. Be sure to return the inflation pressure to recommended usage pressure before operating the vehicle.
- In cases where the tyres will be supporting the vehicle, it is recommended that the vehicle be moved every month to reduce the risk of a 'flat spot'. If the tyres do develop "flat spots," these will usually disappear in a short period of service.

Tyre repair

SAFETY WARNING!

Serious injury or death may result from a tyre disablement that is caused by failing to observe the following safety and maintenance information.

During its service life, a tyre undergoes a variety of different usage conditions and can be damaged in many different ways. This damage can result from punctures, impacts, cuts, etc. Tyre damage can reduce a tyre's structural integrity by, for example:

- Air loss resulting in underinflated service conditions which lead to internal structural damage;
- Direct damage to tyre components such as rubber and plies;
- Exposure of internal materials to the outside environment and resulting degradation; and / or
- Exposure of internal materials to pressurized air (Intra-carcass pressurization).

For these reasons, tyres should be regularly inspected by the consumer. An inspection of the tyres should also be incorporated during routine vehicle maintenance procedures.
If tyre damage is suspected or found, it should be carefully assessed by a trained tyre specialist immediately.

ContiSeal tyres*) are designed to seal punctures in the tread from objects no larger then 5 mm diameter. Thoroughly inspect the tyre according to national industry standards. Carefully remove any object from the tyre tread. Even if the tyre seals, if it is punctured, the tyre must be removed from the rim and inspected carefully according to industry standards to determine whether a permanent repair can be made or whether the tyre must be removed from service and scrapped.
A permanent repair will require removal of the tyre from the rim and application of a repair method specifically approved for ContiSeal tyres.

The tyre repair specialist, Rema TipTop has developed and approved instructions for the repair of ContiSeal tyres which can be found on the following website:
www.contiseal.com

A consumer should never repair a damaged tyre. Only a trained tyre specialist who can base his assessment on a thorough and comprehensive inspection of the specific tyre can determine whether an individual tyre is suitable for repair or should be removed from service. This assessment should also take into account the complete service life history of the tyre including inflation, load, operating conditions, etc. If the tyre specialist decides to repair the tyre, then he should strictly follow all appropriate national tyre industry repair standards regarding the inspection process and repair procedures. Continental is not responsible for the specialist's decisions or the repaired tyre. Continental advises if a tyre is returned under complaint and reason for the product's disablement is in any way associated with a repair, or the reason for repair the manufacturer's warranty is invalidated.

It is forbidden by law to regroove car tyres.

*) only available for tyre brand Continental

Tyre service life for passenger car and light truck

The tyre industry has long recognized the consumers' role in the regular care and maintenance of their tyres. The point at which a tyre is replaced is a decision for which the owner of the tyre is responsible. The tyre owner should consider factors to include service conditions, maintenance history, storage conditions, visual inspections, and dynamic performance. The consumer should consult a tyre service professional with any questions about tyre service life.

The following information and recommendations are made to aid in assessing the point of maximum service life.

Tyres are designed and built to provide many thousands of miles of excellent service. For maximum benefit, tyres must be maintained properly to avoid tyre damage and abuse that may result in tyre disablement. The service life of a tyre is a cumulative function of the storage, stowing, rotation and service conditions, which a tyre is subjected to throughout its life (load, speed, inflation pressure, road hazard injury, etc.). Since service conditions vary widely, accurately predicting the service life of any specific tyre in chronological time is not possible.

The consumer plays an important role in tyre maintenance.

Tyres should be removed from service for numerous reasons, including tread worn down to minimum depth, damage or abuse (punctures, cuts, impacts, cracks, bulges, underinflation, overloading, etc). For these reasons tyres, including spares, must be inspected routinely, i. e., at least once a month. Regular inspection becomes particularly important the longer a tyre is kept in service. If tyre damage is suspected or found, Continental recommends that the consumer have the tyre inspected by a tyre service professional. Consumers should use this consultation to determine if the tyres can continue in service. It is recommended that spare tyres be inspected at the same time. This routine inspection should occur whether or not the vehicle is equipped with a tyre pressure monitoring system (TPMS).

Consumers are strongly encouraged to be aware of their tyres' visual condition. Also, they should be alert for any change in dynamic performance such as increased air loss, noise or vibration.

Such changes could be an indicator that one or more of the tyres should be immediately removed from service to prevent a tyre disablement. Also, the consumer should be the first to recognize a severe in-service impact to a tyre and to ensure that the tyre is inspected immediately thereafter.

Tyre storage, stowage and rotation are also important to the service life of the tyre. More information regarding proper storage, stowage and rotation is located in other Continental publications, which are available upon request and through its websites.

Tyre service life recommendation

Continental is unaware of any technical data that supports a specific tyre age for removal from service. However, as with other members of the tyre and automotive industries, Continental recommends that all tyres (including spare tyres) that were manufactured more than ten (10) years previous [1] be replaced with new tyres, even when tyres appear to be usable from their external appearance and if the tread depth may have not reached the minimum wear out depth. Vehicle manufacturers may recommend a different chronological age at which a tyre should be replaced based on their understanding of the specific vehicle application; Continental recommends that any such instruction be followed. Consumers should note that most tyres would have to be removed for tread wear-out or other causes before any proscribed removal period. A stated removal period in no way reduces the consumer's responsibility to replace tyres as needed.

Minimum removal tread depth for passenger and light truck tyres

1.6 mm is the most widely accepted minimum tread depth standard at which tyres should be removed from service. This standard has been adopted as a regulation by many of the world's national transportation authorities. As an indication to the consumer, there are tread wear indicator bars in the main grooves of the tyre that become level with the tread surface at approximately 1.6 mm of remaining tread.

In addition to acknowledging the above, **Continental recommends** that all passenger and light truck tyres in highway motor vehicle application be removed from service at the following tread depths:

- **summer / high performance tyres = 3 mm**
- **winter tyres = 4 mm**

These recommendations are based upon Continental's testing as well as real world experience which shows that drivers can maintain the performance potential (e. g. wet grip) of their tyres by replacing them before they reach the **regulatory minimum tread depth of 1.6 mm.**

This applies especially to winter tyres for which winter driving properties such as snow traction are significantly reduced at tread depths below 4 mm.

[1] Production code of tyres see page 7.

Guidelines on tyre safety for drivers and vehicle operators (recommended for vehicle handbooks)

Tyres need to be properly handled if they are to keep you and other road users safe. So please note the following:

1. The **tyre pressure** must be as indicated in the operating instructions for your vehicle or as marked on the vehicle itself. The pressure applies to cold tyres; it must not be any lower. Tyres that have become warm, e. g. through driving, will increase in pressure. Never release air from warm tyres, or the pressure could fall below the minimum.

   The pressure must be checked **every 14 days** when the tyres are cold. Don't forget to check the spare.

   If the pressure is too low, heat may build up in the tyre and lead to internal damage.

   At high speeds the tyre may fail as a result of previous internal damage. Tyre damage that cannot be seen is not put right simply by raising the pressure afterwards!

2. If you have to drive over kerbstones do it slowly and, if possible, at right angles. Don't drive up or against any steep or sharp-edged kerbstones or other objects (e. g. stones); this can lead to non-visible tyre damage which can cause problems later – **the tyre may fail when running at high speeds.**

3. Check tyres regularly for **damage,** such as stones, nails etc. that have penetrated the tyre, as well as any cuts, tears or bulges (in the sidewall). Foreign objects can also damage the inside of the tyre. Have your tyre dealer or specialist check your tyres if you are unsure of their condition. **Damaged tyres can burst.**

4. Never fit used tyres whose history you don't know. Remember that **tyres age** even when they are little used or not used at all. If you have a spare tyre and it has not been used for several years have it examined by a tyre specialist. We recommend that tyres (including the spare) should be removed from potential service if they were manufactured more than 10 years previous.

5. Check the **tread depth** of your tyres regularly. The lower the depth, the greater the **risk of aquaplaning.** Ensure that your tyres comply with the legally required tread depth.

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Technical Data

Passenger car tyres / 4x4 tyres

1) Instead of J-rims the same size JK- and JJ-rims may be used.

2) Winter tyres can be max. 1 % greater in outer diameter than standard on-road tread patterns.

3) According to DIN 70020 at 37 mph (60 km/h).

4) Instead of B-rims, J- and JK-rims may also be used.

5) The respective B-rims are permitted.

*) ZR tyres have no operational code. The LI given for these tyres is only an approx. figure. Ask Continental Customer Services for the actual speed and load capacity.

Van tyres

6) Load Index single / twin fitment and Speed Index.

7) Dual spacing for twin tyre fitments: See Technical Data Book for Truck Tyres.

8) Standard = on road tread pattern, Special = M + S or off road tread pattern.

9) S = Single, T = Twin fitment, FA = front axle, RA = rear axle.

For tyre pressures see “Operating instructions”, page 102 ff.