

Truck Tyre Size and Load Index Chart

Published size coverage for every TBR, OTR, AGR and PCR pattern in the Kerns Group range, with the full load index table for pattern KG901.

KG901 — full load and dimension table

Ply rating, speed symbol, standard rim, maximum load single and dual, relative pressure, load index and inflated dimensions.

SIZE	PLY	TYPE	SPEED RATE	STD RIM	Max Load	Relative Pressure	Load Index	Inflated Dimensions (mm)	
KGS	KPA	S.W.	O.D.						
900R20	16	TT	K	7.00	2800/2650	900	144/142	259	1019
1000R20	18	TT	L	7.50	3250/3000	930	149/146	278	1054
1100R20	18	TT	L	8.00	3550/3250	930	152/149	293	1085
1200R20	18	TT	L	8.50	3750/3450	830	154/151	315	1125
1200R24	18	TT	K	8.5	4250/3875	830	158/155	315	1226

Load index is published as single/dual. The second figure applies to twin fitment.

Truck radial (TBR) — 26 patterns

Pattern	Published sizes	Specified features
TBR Tyre KG666	9.00R20, 10.00R20, 11.00R20, 12.0R20	Radial tyre High quality
TBR Tyre KG901	See KG901 table	—
TBR Tyre KG686	11R22.5, 12R22.5, 11R24.5, 295/80R22.5, 295/75R22.5, 315/80R22.5	Radial tyre High quality
TBR Tyre KG675	245/70R19.5, 265/R7019.5	Radial tyre High quality
TBR Tyre KG678	425/65R22.5	Radial tyre High quality
TBR Tyre KG689A	215/75R17.5, 235/75R17.5, 225/70R19.5, 245/70R19.5	Radial tyre High quality
TBR Tyre KG698	9.00R20, 10.00R20, 11.00R20	Applicable for all wheels of trucks & dumping trucks on city and unpaved roads. This pattern tire with a good driving and durability. With special long life and excellent retreading ability.
TBR Tyre KG638	8.25R20, 7.50R20	Radial tyre High quality
TBR Tyre KG679	11.00R22	Radial tyre High quality
TBR Tyre KG695	9.00R20, 10.00R20, 11.00R20, 12.00R20, 10R22.5, 11R22.5, 12R22.5, 13R22.5	Designed for front wheels and all wheels. Anti-side skid and wet skid resistance. Super traction and brak With extra performance. High load and high speed.
TBR Tyre KG619	9.00R20, 10.00R20	Radial tyre High quality
TBR Tyre KG677	11R22.5	Radial tyre High quality
TBR Tyre KG618	8.25R16LT	Radial Tyre High Quality
TBR Tyre KG657-JS	TBC — confirm on enquiry	—
TBR Tyre KG618-I	TBC — confirm on enquiry	—
TBR Tyre KG628	9.00R20, 10.00R20, 11.00R20, 12.00R20, 12.00R24	Radial Tyre High Quality
TBR Tyre KG66	335/80R20MPT	Suitable for both civil usage and military usage. With extra aggressive passing performance. Designed for all driving wheels of all driving vehicles. It is not only adequate for hard non-paving road but also desert and marsh.

Pattern	Published sizes	Specified features
TBR Tyre KG699-JS	TBC — confirm on enquiry	—
TBR Tyre KG685	215/75R17.5, 235/75R17.5, 225/70R19.5, 245/70R19.5	Radial tyre High quality
TBR Tyre KG669	10.00R20, 11.00R20, 12.00R20, 13R22.5	Radial tyre High quality
TBR Tyre KG668	8.20R20, 9.00R20, 10.00R20, 11.00R20, 12.00R20, 11R22.5, 315/80R22.5, 11R24.5, 13R22.5	Radial tyre High quality
TBR Tyre KG656	8.5R17.5, 8R19.5, 255/70R22.5, 275/70R22.5, LT235/85R16	Radial tyre High quality
TBR Tyre KG688	9.00R20, 11R22.5, 12R22.5, 11R24.5, 295/80R22.5 315/80R22.5, 295/75R22.5	Radial tyre High quality
TBR Tyre KG665	9R22.5, 10R22.5, 315/80R22.5, 10.00R20	Radial tyre Special quality
TBR Tyre KG629	LT235/85R16	Applicable for all wheels of bus and front wheels of trucks on city and good roads. This pattern has an excellent resistance to uneven wearing and with higher driving mileage. Applicable for higher speed driving and with lower noise.
TBR Tyre KG697	385/65R22.5	Applicable for all the wheels of truck on city and unpaved roads. This patterned tire with excellent pulling force. With a very long life.

Off-the-road (OTR) — 5 patterns

Pattern	Published sizes	Specified features
OTR Tyre KG558S	16.00R25 E-4	Deep tread, heavy duty radial construction for container handler applications. Strong resistance to puncture and sidewall damage.
OTR Tyre KG526S	18.00R33, 24.00R35	Rock-deep tread pattern with tough lug and side-wall protectors. Specially designed for construction & mining trucks/tractors engaged in earth-moving. High resistance to cutting and chipping for long tread life.
OTR Tyre KG516	17.5R25 E -3 L -3, 20.5R25 E -3 L -3, 23.5R25 E -3 L -3 26.5R25 E -3 L -3, 29.5R25 E -3 L -3, 29.5R29 E -3 L -3	Wearable tread Excellent cross traction. Improved puncture resistance. Good flotation. Stability with quiet. Comfortable performance driving. Perfect integrative performance on all kinds of road.
OTR Tyre KG536	14.00R24 E-2, 14.00R 24 L -2, 14.00R 24 G -2 14.00R25 E-2, 14.00R25 E-2	With high passing performance. Super wearable tread. Perfect puncture resistance. Low fuel consumption.
OTR Tyre KG516S	14.00R24, 14.00R25, 18.00R25	With deepen traction pattern. Excellent traction. Excellent puncture resistance. Suitable for the severe grending condition. Stable handing. Low heat build-up at high speed.

Agricultural (AGR) — 5 patterns

Pattern	Published sizes	Specified features
AGR Tyre 16.9-30	TBC — confirm on enquiry	—
AGR Tyre 6.50-20	TBC — confirm on enquiry	—
AGR Tyre 5.00-12	TBC — confirm on enquiry	—
AGR Tyres	TBC — confirm on enquiry	Product Description Suitable for country road and loose ground. Stripe pattern, excellent steering. Optimum delivers stability. Suitable sizes: 4. 00-
AGR Tyre	TBC — confirm on enquiry	Product Description Suitable for arable land & vile road. Overstriking nylon cord thread, new-style design, makes more loading. Intensification breake

Passenger and light commercial (PCR) — 15 patterns

Pattern	Published sizes	Specified features
PCR Tyre KG266	145/70R12, 155R12LT	Rib design & excellent water-dispersion. Low fuel consumption & fine treadwear resistance. Outstanding high-speed performance and safety.
PCR Tyre KG998	195/50R15, 205/60R15, 195/65R15, 205/65R15	With streamlined directional pattern design and beautiful appearance Sidewall with the advanced rim-protection system. With excellent anti-skidding performance and self-cleaning performance. Smooth driving and stable handling.
PCR Tyre KG246W	31*10.5R15LT	Curved and streamlined design assisting in channeling water in a rainy day and improving aesthetic feeling With high driving and passing performance With excellent traction and cross-country performance Continuous block pattern makes it easy to ride on the road
PCR Tyre KG643	ST175/80R13, ST205/75R14, ST215/75R14, ST205/75R15, ST225/75R15, ST235/80R16	With suitable loading ability and high-speed performance. Safe and stable handling. With long life and low fuel consumption.
PCR Tyre KG268	175/65R14	Pattern design bordered with steel slice enhancing its beauty and providing comfortable ride. With excellent anti-side skid and wet skid resistance. Offering quiet and comfortable driving and smooth cornering. With strong passing performance.
PCR Tyre KG645W	195R 14C, 205/75r 14c	Longitudinal curve grooves suit to high speed driving. Steel sliceenhancing road grasping ability. Deep pattern channels suit to long distance. Excellent wear resistance, with a strong power on both dry and wet, mud road. Sidewall with gibbous white border design fully shows the tough and unruly mien.
PCR Tyre KG246	P235/75R15, P265/75R15	The pattern has a good holding, flexibility and skidding resistance as well as heat emission. The tire pattern is applicable to the various complicated roads. The tire can meet the need of high speed ride.
PCR Tyre KG999	175/60R13, 145/70R12, 165/70R13, 175/70R13	With excellent anti-side skid and wet skid resistance. Stable and comfortable ride Low rolling noise Long life and low fuel consumption
PCR Tyre KG216	205R14, 155R13LT, 205R 14C	Variable pitch pattern with irregular arrangement, which lowers the noise and provides comfortable feelings. With excellent safety and endurance. With outstanding anti-side skid and wet skid resistance. With strong smooth driving and stable handling.
PCR Tyre KG919	5.00R12	With extra adhesion on road surfaces With high driving and passing performance Little abnormal abrasion on the shoulder Long life and low fuel consumption
PCR Tyre KG248	145R12LT, 165/70R13LT	Excellent drainage ability and safety at high speed. Excellent passing performance With excellent comfortable and handling performance Low fuel consumption and fine tread wear resistance
PCR Tyre KG288	205/70R14, 205/70R15	Outstanding wearable performance. With smooth driving and quiet handling. Low rolling noise and comfortable ride. With excellent anti-side skid and wet skid resistance.
PCR Tyre KG286	165/60R14, 175/60R14, 165/65R14	Extra traction and braking performance, Low rolling noise and comfortable ride. With smooth driving and stable handling. Good safety and endurance at high speed.
PCR Tyre KG256	155/65R13, 165/65R13, 165/70R13, 165/70R14, 175/70R13, 195/60R14	Three longitudinal straight grooves suit to a high speed drive. With comfortable and quiet driving and smooth cornering. Steamlined pattern desingn best matches the fashion vehicles.

Pattern	Published sizes	Specified features
PCR Tyre KG645	185R 14C, 195R 14C, 195/70R 15C	Longitudinal curve grooves suit to high speed driving. Steel sipes enhancing road grasping ability. Deep pattern channels suit to long distance. Excellent wear resistance, with a strong power on dry and wet road.

Standards

The tyre range is produced against ISO 9001, ISO 14001 EMS, ISO/TS 16949, CCC, DOT and ECE. Certificate copies are supplied with the quotation.

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