

Product manual

TBR 2018



ROYALBLACK

LONG HAUL



RS201

Position : All Position

- High density , flexomatic blading , for outstanding braking on wet surfaces combined with high mileage .
- Groove bottom protectors help deliver additional defense against stone drilling .
- More mileage and greater lateral stability .

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
215/75R17.5	6.0	16	RS201	127/124M	1750	1600	830	120	211	767	12
215/75R17.5	6.0	18	RS201	135/133J	2180	2060	850	123	211	767	12
235/75R17.5	6.75	16	RS201	132/130M	2000	1850	830	120	233	797	12.5
235/75R17.5	6.75	18	RS201	143/141J	2725	2575	875	127	233	797	12.5
225/70R19.5	6.75	14	RS201	128/126M	1800	1700	760	110	226	811	12.5
245/70R19.5	7.5	16	RS201	136/134M	2180	2060	830	120	248	839	12.5
245/70R19.5	7.5	18	RS201	143/141J	2180	2060	830	120	248	839	12.5
265/70R19.5	7.5	16	RS201	140/138M	2500	2360	830	120	260	862	12.5
285/70R19.5	8.25	16	RS201	146/144M	3000	2800	900	131	282	886	13
285/70R19.5	8.25	18	RS201	150/148J	3150	2900	850	123	282	886	13
11R22.5	8.25	16	RS201	148/145M	3000	2725	830	120	279	1054	14.5
11R24.5	8.25	16	RS201	149/146M	3250	3000	830	120	279	1104	14.5
275/70R22.5	8.25	16	RS201	148/145M	3150	2900	900	131	216	952	14.5
295/80R22.5	9.0	18	RS201	154/151M	3550	3250	900	131	298	1044	15.5
295/75R22.5	9.0	16	RS201	146/143M	3000	2725	830	120	298	1014	15.5
315/70R22.5	9.0	20	RS201	154/150M	3750	3350	900	131	312	1014	15
315/80R22.5	9.0	20	RS201	157/154M	4000	3350	850	123	312	1076	15.5
385/55R22.5	12.25	20	RS201	160L	4500	4500	900	131	386	996	15.5
385/65R22.5	11.75	20	RS201	160L	4500	4500	900	131	389	1072	15.5
285/75R24.5	8.25	16	RS201	147/144M	3075	2800	830	120	283	1050	15.5



RS205

Position : All Position

- Premium five-rib tread with various micro sipes to provide high mileage, even wear, low noise.
- Wide, flat tread optimizes footprint shape for improved handling and response in long haul service.
- Latest technology carcass geometry and materials for enhanced damage resistance, durability."

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
11R22.5	8.25	16	RS205	146/143M	3000	2725	830	120	279	1054	13
11R24.5	8.25	16	RS205	149/146M	3250	3000	830	120	279	1104	11
12R22.5	9.0	18	RS205	152/149M	3550	3250	930	135	300	1085	14.5
295/80R22.5	9.0	18	RS205	152/149M	3550	3250	900	131	298	1044	14.5
295/75R22.5	9.0	16	RS205	146/143M	3000	2725	830	120	298	1014	11
315/80R22.5	9.0	20	RS205	156/150M	4000	3350	850	123	312	1076	14.5
285/75R24.5	8.25	16	RS205	147/144M	3075	2800	830	120	283	1050	11



RT706

Position : Trailer Position

- Dual compound rubber helps ensure cool operating temperatures while abrasion resistant upper tread helps keep wear rates low .
- Lateral sipes along rib edges help enhance traction and braking in adverse weather conditions .
- Optimized bead area construction for better durability .

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
215/75R17.5	6.0	18	RT706	135/133J	1750	1600	830	120	210	766	12
235/75R17.5	6.75	18	RT706	143/141J	2000	1850	830	120	233	797	12.5
225/70R19.5	6.75	14	RT706	128/126M	1800	1700	760	110	224	809	15.5
245/70R19.5	7.5	18	RT706	143/141J	2180	2060	830	120	248	839	12.5
265/70R19.5	7.5	16	RT706	140/138M	2500	2360	830	120	260	862	12.5
265/70R19.5	7.5	18	RT706	143/141J	2725	2575	850	123	260	862	12.5
285/70R19.5	8.25	16	RT706	146/144M	3000	2800	900	131	282	886	13
285/70R19.5	8.25	18	RT706	150/148J	3150	2900	850	123	282	886	13
275/70R22.5	8.25	16	RT706	144/141M	2800	2575	830	120	276	958	15
385/55R22.5	12.25	20	RT706	160L	4500	4500	900	131	386	996	15.5
385/65R22.5	11.75	20	RT706	160L	4500	4500	900	131	389	1072	15



RD808

Position : Drive Position

- Extra deep tread with stone drilling protectors to promote long original mileage.
- Optimised bead area construction for better durability.
- Closed -shoulder tread design provides even wear while maintaining excellent traction.

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
11R22.5	8.25	16	RD808	148/145M	3000	2725	830	120	279	1054	20
11R24.5	8.25	16	RD808	149/146K	3250	3000	830	120	279	1104	20
295/75R22.5	9.0	16	RD808	146/143K	3000	2725	830	120	298	1014	20
285/75R24.5	8.25	16	RD808	147/144L	3075	2800	760	120	283	1050	20



RD270

Position : Drive Position

Optimized block tread patterns along with longitudinal pattern grooves ensures excellent handling, strong driving force, great grip on wet road and provides sufficient power on both curves and ramps.

Wide, flat tread optimizes footprint shape for improved handling and response in long haul service.

Latest technology carcass geometry and materials for enhanced damage resistance, durability.

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
12R22.5	9.0	18	RD270	152/149K	3550	3250	930	135	300	1075	18

REGIONAL



RS618

Position : All Position

Premium five-rib tread with SILICA compound features longer tire life with low rolling resistance .

Latest technology carcass geometry and materials for enhanced damage resistance, durability and loading capacity .

Computer aided carcass design helps improve footprint for better mileage performance .

Size	RIM inch	P.R.	Pattern	L.I./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
11.00R20	8.0	18	RS618	152/149K	3550	3250	930	135	293	1085	17



RS902

Position : Trailer Position

- Longer wear life& service life .
- Improved irregular wear resistance .
- Improved cut/chipping resistance .

Size	RIM inch	P.R.	Pattern	L.I./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
12.00R24	8.5	20	RS902	160/157K	4500	4125	900	131	315	1226	16



RD280

Position : Drive Position

- Wide, flat tread optimizes footprint shape for improved handling and response in long haul service.
- Vertical and horizontal pattern design promotes soft soil mobility and drive property.
- Better structure ensure driving safety and longer mileage.

Size	RIM inch	P.R.	Pattern	L.I./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
12R22.5	9.0	18	RD280	152/149K	3550	3250	930	135	296	1090	22



RT705

Position : Trailer Position

- Five deep circumferential grooves for excellent water evacuation and wet traction .
- Low heat sidewall design, even load distribution for longer mileage and reduced tire wear .
- Optimized bead area construction for better durability .

Size	RIM inch	P.R.	Pattern	L./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
385/65R22.5	11.75	20	RT705	160L	4500	4500	900	131	389	1072	15



RD801

Position : Trailer Position

- Bridged center block design helps improve tread stability .
- Special tread compound and tire casing offers good tire mileage for price sensitive customers .
- Wide tread design guarantees good traction for highway service in all season conditions .

Size	RIM inch	P.R.	Pattern	L./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
215/75R17.5	6.0	16	RD801	127/124M	1750	1600	830	120	211	767	15
215/75R17.5	6.0	18	RD801	135/133J	2180	2060	850	123	211	767	15
235/75R17.5	6.75	16	RD801	132/130M	2000	1850	830	120	233	797	15.5
235/75R17.5	6.75	18	RD801	143/141J	2725	2575	875	127	233	797	15.5
225/70R19.5	6.75	14	RD801	128/126M	1800	1700	760	110	226	811	15.5
245/70R19.5	7.5	16	RD801	136/134M	2180	2060	830	120	248	839	15.5
265/70R19.5	7.5	16	RD801	140/138M	2500	2360	830	120	260	868	15.5
265/70R19.5	7.5	18	RD801	143/141J	2500	2360	830	120	260	868	15.5
285/70R19.5	8.25	16	RD801	146/144M	3000	2800	900	131	282	892	16
10.00R20	7.5	18	RD801	149/146K	3250	3000	930	135	278	1054	20
11R22.5	8.25	16	RD801	148/145M	3000	2725	830	120	279	1054	20
275/70R22.5	8.25	16	RD801	148/145M	3150	2900	900	131	216	959	18
295/75R22.5	9.0	16	RD801	146/143K	3000	2725	830	120	298	1014	20
295/80R22.5	9.0	18	RD801	154/151M	3550	3250	900	131	298	1044	20
315/70R22.5	9.0	20	RD801	154/150M	3750	3350	900	131	312	1014	20
315/80R22.5	9.0	20	RD801	156/150M	4000	3350	850	123	312	1076	20

MINING



RD860

Position : Drive Position

- High-intensity casing carcass materials for reinforcing bead and loading capacity .
- Extra deep tread with stone drilling protectors to promote traction and long original mileage .
- Special rubber compound ensuring more resistance to cuts and tearing .

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
11R22.5	8.25	16	RD860	146/143K	3000	2725	830	120	279	1054	22
11R22.5	9.0	18	RD860	152/149G	3550	3250	930	135	300	1085	22
11R22.5	9.75	20	RD860	156/150G	4000	3650	875	127	320	1124	22
11R22.5	9.0	18	RD860	152/149K	3550	3250	900	131	292	1045	20
11R22.5	8.0	18	RD860	152/149G	3550	3250	930	135	293	1085	21
11R22.5	8.5	20	RD860	156/153G	4000	3650	900	131	315	1125	22
11R22.5	8.5	20	RD860	160/157K	4500	4125	900	131	315	1226	24



RD880

Position : Drive Position

- Extra deep tread with stone drilling protectors to promote traction and floatation capacity on rough roads.
- Latest technology carcass materials for reinforcing bead and loading capacity.
- Special rubber compound for high resistance against tread cut.

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
11R22.5	6.50H	16	RD880	128/124G	1800	1600	770	112	225	861	18
11R22.5	6.5	16	RD880	139/137G	2430	2300	930	135	234	978	19
11R22.5	7.0	16	RD880	144/142G	2800	2650	900	131	259	1019	19
11R22.5	7.5	18	RD880	149/146G	3250	3000	930	135	276	1058	20
11R22.5	8.0	18	RD880	152/149G	3550	3250	930	135	288	1097	25
11R22.5	8.5	20	RD880	156/153G	4000	3650	900	131	309	1134	26



RS600

Position : All Position

- Latest technology carcass geometry and materials for enhanced damage resistance, durability and loading capacity .
- Premium Zigzag design promotes soft soil mobility .
- Offset block shoulder design with SILICA compound promotes good traction and abrasion resistance .

Size	RIM inch	P.R.	Pattern	L.I./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
7.00R16LT	5.50F	14	RS600	118/114L	1320	1180	770	112	200	775	11
7.50R16LT	6.00G	14	RS600	122/118L	1500	1320	770	112	215	805	13
8.25R16LT	6.50H	16	RS600	128/124K	1800	1600	770	112	235	855	13
8.25R20	6.5	16	RS600	139/137K	2430	2300	930	135	234	970	15
9.00R20	7.0	16	RS600	144/142K	2800	2650	900	131	259	1019	15.5
10.00R20	7.5	18	RS600	149/146K	3250	3000	930	135	278	1054	16.5
11.00R20	8.0	18	RS600	152/149K	3550	3250	930	135	293	1085	16
12.00R20	8.5	18	RS600	154/151K	3750	3450	830	120	315	1125	16
12.00R20	8.5	20	RS600	156/153K	4000	3650	900	131	315	1125	16
11R22.5	8.25	16	RS600	148/145M	3000	2725	830	120	279	1054	14.5
12R22.5	9.0	18	RS600	152/149M	3550	3250	930	135	300	1085	14.5
13R22.5	9.75	20	RS600	156/150L	3750	3450	830	120	320	1124	15.5
295/75R22.5	9.0	16	RS600	146/143M	3000	2725	830	120	298	1014	14.5
295/80R22.5	9.0	18	RS600	152/149M	3550	3250	900	131	298	1044	14.5
315/80R22.5	9.0	20	RS600	156/150M	4000	3350	850	123	312	1076	14.5
12.00R24	8.5	20	RS600	160/157K	4500	4125	900	131	315	1226	15



RS901

Position : All Position

- Special designed tread with SILICA compound features longer tire life with low rolling resistance .
- Low heat build-up, even load distribution for longer mileage and reduced tire wear .
- Optimized bead area construction for better durability .

Size	RIM inch	P.R.	Pattern	L.I./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
12.00R24	8.5	20	RS901	160/157K	4500	4125	900	131	315	1226	16



RT609

Position : All Position

- Optimized carcass construction for better durability .
- High-intensity casing carcass materials for reinforcing bead and loading capacity .
- Offset block shoulder design with SILICA compound promotes good traction and abrasion resistance .

Size	RIM inch	P.R.	Pattern	L./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
9.00R20	7	16	RT609	144/142K	2800	2650	900	131	259	1019	15.5
10.00R20	7.5	18	RT609	149/146K	3250	3000	930	135	278	1054	16.5
11.00R20	8	18	RT609	152/149K	3550	3250	930	135	293	1085	16
12.00R20	8.5	18	RT609	154/151K	3750	3450	830	120	315	1125	16.5
12.00R20	8.5	20	RT609	156/153K	4000	3650	900	131	315	1125	16.5



RD688

Position : Drive Position

- Wide tread and open shoulder blocks help enhance traction and braking on rough roads with mud or gravel .
- Wide and depth pattern design with low heat generating formula provides good turning stability .
- Outstanding self-cleaning tread design ensures long-life service in ON/OFF road conditions .

Size	RIM inch	P.R.	Pattern	L./S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
7.00R16LT	5.50F	14	RD688	118/114K	1320	1180	770	112	200	775	11
7.50R16LT	6.00G	14	RD688	122/118K	1500	1320	770	112	215	805	12
8.25R16LT	6.50H	16	RD688	128/124K	1800	1600	770	112	235	855	14.5
8.25R20	6.5	16	RD688	139/137J	2430	2300	930	135	234	974	17
9.00R20	7.0	16	RD688	144/142J	2800	2650	900	131	259	1019	19
10.00R20	7.5	18	RD688	149/146K	3250	3000	930	135	278	1054	18
11.00R20	8.0	18	RD688	152/149K	3550	3250	930	135	293	1085	18.5
12.00R20	8.5	20	RD688	156/153K	4000	3650	900	131	315	1125	19.5

ON&OFF MIXED



RD268

Position : Drive Position

- Suitable to drive position of truck on rough road .
- Wide tread and open shoulder blocks help enhance traction and braking on rough roads with mud or gravel .
- Special tread compounds resist chipping, chunking and tearing .

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
12R22.5	9.0	18	RD268	152/149K	3550	3250	930	135	292	1091	20
315/80R22.5	9.0	20	RD268	156/150K	4000	3350	850	123	312	1076	18



RD805

Position : Drive Position

- Drive axle tire applicable for mud and sand terrain with short on high-way use .
- Wide tread and open shoulder blocks help enhance traction and braking on rough roads with mud or gravel .
- Special tread compounds resist chipping, chunking and tearing .

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
315/80R22.5	9.0	20	RD805	156/150K	4000	3350	850	123	312	1076	18



RD802

Position : Drive Position

- Maximized traction in soft soil and mud through massive, open lateral shoulder grooves .
- Aggressive direction tread with robust tread blocks providing extra traction for on&off road condition .
- Special rubber compound ensuring more resistance to cuts and tearing .

Size	RIM inch	P.R.	Pattern	L.I/S.R.	Max load(kg)		A.P.		S.W. mm	O.D. mm	T.D. mm
					Single	Dual	KPA	PSI			
11R22.5	8.25	16	RD802	148/145M	3000	2725	830	120	279	1054	20
13R22.5	9.75	20	RD802	156/150K	4000	3350	875	127	320	1124	20
295/80R22.5	9.0	18	RD802	152/149L	3550	3250	900	131	298	1044	20
315/80R22.5	9.0	20	RD802	156/150K	4000	3350	850	123	312	1076	20
11R24.5	8.25	16	RD802	149/146K	3250	3000	830	120	279	1104	20