

# 710/70R42 179D/175E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445725
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor / Trailer
LI / SPEED SYMBOL	179D (175E)
RIM RECOMMENDED	DW23B
TYPE APPROVAL	E8 106R-001795



## LOAD CAPACITY FOR TRACTOR, KG

### Tractor

Pressure (kPa)	Speed (km/h)													
	5	10	15	20	25	30	35	40	45	50	55	60	65	70
80	6035	5325	4755	4365	4205	4085	3975	3885	3800	3730	3655	3605	3550	3230
120	7650	6750	6030	5535	5335	5175	5040	4930	4815	4725	4635	4570	4500	4095
160	9520	8400	7505	6890	6635	6440	6270	6130	5990	5880	5770	5685	5600	5095
200	10455	9225	8240	7565	7290	7075	6890	6735	6580	6460	6335	6240	6150	5595
240	11050	9750	8710	7995	7705	7475	7280	7120	6955	6825	6695	6600	6500	5915
280	12070	10650	9515	8735	8415	8165	7950	7775	7595	7455	7315	7205	7100	6460
320	13175	11625	10385	9535	9185	8915	8680	8485	8295	8140	7985	7865	7750	7055

## LOAD CAPACITY FOR TRAILER, KG

### Trailer

Pressure (kPa)	Speed (km/h)									
	5	10	15	20	25	30	35	40	45	50
80	6035	5325	4755	4365	4260	4260	4260	4260	4085	3870
120	7650	6750	6030	5535	5400	5400	5400	5400	5175	4905
160	9520	8400	7505	6890	6720	6720	6720	6720	6440	6105
200	10455	9225	8240	7565	7380	7380	7380	7380	7075	6705
240	11050	9750	8710	7995	7800	7800	7800	7800	7475	7085
280	12070	10650	9515	8735	8520	8520	8520	8520	8165	7740
320	13175	11625	10385	9535	9300	9300	9300	9300	8915	8450

Increase the inflation pressure by 40 kPa (0,4 bar , 7 psi) for : Extensive road driving and use on slopes with inclination more than 20%. Do not exceed maximum pressure. In dual formation the load capacity is 0,88 x single tire load capacity per tire. For high torque field application use 30km/h line.

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	2059 mm	2101 mm
TIRE WIDTH	706 mm	741 mm
PATTERN DEPTH	62 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	933 mm @ 7750 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	6245 mm @ 7750 kg / 320 kPa
DYNAMIC ROLLING RADIUS	994 mm @ 7750 kg / 320 kPa
SPEED RADIUS INDEX	975
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 144 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	1142 l 100% 857 l 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 75%, -30°C) Always use a tube when filled with water/salt.

Tire volume 100%		Water filling 75%		Water/salt filling (75% / -30°C)				Total weight increase	
				Water		Salt			
Litres	Gallons	Litres	Gallons	Litres	Gallons	kg	lbs	kg	lbs
1142	302	857	226	703	186	358	790	1061	2339

NOKIAN TYRES PLC is a full member of ETRTO and affiliated member of TRA. In design and production, we certify that products made in Nokian factory (YL) are according the ETRTO and TRA standards.

The tire has been manufactured and tested in accordance with the requirements of ISO 9001 and ISO 14001. Nokian Tyres Plc has the following certificates:

- Quality Management System Standard, ISO 9001, Certificate No: 76363-2010-AQ-FIN-FINAS
- Environmental Management System Standard, ISO 14001, Certificate No: 76361-2010-AE-FIN-FINAS

More information: [www.nokiantyres.com/heavy/technical-tire-manual/](http://www.nokiantyres.com/heavy/technical-tire-manual/)