

# 650/65R42 170D/167E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445727
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor / Trailer
LI / SPEED SYMBOL	170D (167E)
RIM RECOMMENDED	DW20B
TYPE APPROVAL	E8 106R-001797



## LOAD CAPACITY FOR TRACTOR, KG

### Tractor

Pressure (kPa)	Speed (km/h)													
	5	10 LT	15	20	25	30 10 HT	35	40	45	50	55	60	65	70
80	4760	4200	3750	3445	3320	3220	3135	3065	2995	2940	2885	2840	2800	2550
120	6205	5475	4890	4490	4325	4200	4090	3995	3905	3835	3760	3705	3650	3320
160	7225	6375	5695	5230	5035	4890	4760	4655	4550	4465	4380	4315	4250	3870
200	8075	7125	6365	5845	5630	5465	5320	5200	5085	4990	4895	4820	4750	4325
240	8755	7725	6900	6335	6105	5925	5770	5640	5510	5410	5305	5225	5150	4685
280	9520	8400	7505	6890	6635	6440	6270	6130	5990	5880	5770	5685	5600	5095
320	10200	9000	8040	7380	7110	6900	6720	6570	6420	6300	6180	6090	6000	5460

## LOAD CAPACITY FOR TRAILER, KG

### Trailed

Pressure (kPa)	Speed (km/h)									
	5	10	15	20	25	30	35	40	45	50
80	4760	4200	3750	3445	3360	3360	3360	3360	3220	3050
120	6205	5475	4890	4490	4380	4380	4380	4380	4200	3980
160	7225	6375	5695	5230	5100	5100	5100	5100	4890	4635
200	8075	7125	6365	5845	5700	5700	5700	5700	5465	5180
240	8755	7725	6900	6335	6180	6180	6180	6180	5925	5615
280	9520	8400	7505	6890	6720	6720	6720	6720	6440	6105
320	10200	9000	8040	7380	7200	7200	7200	7200	6900	6540

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	1913 mm	1947 mm
TIRE WIDTH	634 mm	677 mm
PATTERN DEPTH	59 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	872 mm @ 6000 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5811 mm @ 6000 kg / 320 kPa
DYNAMIC ROLLING RADIUS	925 mm @ 6000 kg / 320 kPa
SPEED RADIUS INDEX	925
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	842 l 100% 632 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
842	222	632	167	518	137	264	582	782	1724

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/)