

## 650/65R38 169D/166E GROUND KING TL

Combining all-terrain mobility with on-road performance

PRODUCT CODE	T445738
APPLICATION	Tractor
LI / SPEED SYMBOL	169D (166E)
RIM RECOMMENDED	DW20B
TYPE APPROVAL	E8 106R-001807



### 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	4505	3975	3550	3260	3140	3050	2970	2900	2835	2785	2730	2690	2650	2410
120	5865	5175	4625	4245	4090	3970	3865	3780	3690	3625	3555	3500	3450	3140
160	7015	6190	5530	5075	4890	4745	4620	4515	4415	4330	4250	4185	4125	3755
200	7650	6750	6030	5535	5335	5175	5040	4930	4815	4725	4635	4570	4500	4095
240	8290	7315	6535	5995	5775	5605	5460	5340	5215	5120	5020	4950	4875	4435
280	9010	7950	7100	6520	6280	6095	5935	5805	5670	5565	5460	5380	5300	4825
320	9860	8700	7770	7135	6875	6670	6495	6350	6205	6090	5975	5885	5800	5280

### LOAD CAPACITY, KG

#### Trailed

Pressure (kPa)	Speed (km/h)									
	5	10	15	20	25	30	35	40	45	50
80	4505	3975	3550	3260	3180	3180	3180	3180	3050	2890
120	5865	5175	4625	4245	4140	4140	4140	4140	3970	3760
160	7015	6190	5530	5075	4950	4950	4950	4950	4745	4495
200	7650	6750	6030	5535	5400	5400	5400	5400	5175	4905
240	8290	7315	6535	5995	5850	5850	5850	5850	5605	5315
280	9010	7950	7100	6520	6360	6360	6360	6360	6095	5775
320	9860	8700	7770	7135	6960	6960	6960	6960	6670	6320

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	1821 mm	1845 mm
TIRE WIDTH	645 mm	677 mm
PATTERN DEPTH	59 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	827 mm @ 5800 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5540 mm @ 5800 kg / 320 kPa
DYNAMIC ROLLING RADIUS	882 mm @ 5800 kg / 320 kPa
SPEED RADIUS INDEX	875
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	796 l 100% 597 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
796	210	597	158	490	129	250	551	740	1631

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.

Tyre have 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/)