

# 710/70R38 177D/174E NOKIAN TYRES GROUND KING TL

Combining all-terrain mobility with on-road performance

PRODUCT CODE	T445744
APPLICATION	Tractor / Trailer
LI / SPEED SYMBOL	177D (174E)
RIM RECOMMENDED	DW23B
RIM PERMITTED	DW25B
TYPE APPROVAL	E8 106R-001879



## LOAD CAPACITY FOR TRACTOR, LB

### Tractor

Pressure (psi)	Speed (mph)													
	2.5	5	10	12	15	17.5	22.5	25	27.5	30	35	37.5	40	42.5
12	12555	11080	9900	9085	8750	8500	8265	8090	7905	7760	7605	7495	7385	6725
17	16400	14475	12930	11860	11430	11090	10805	10560	10320	10130	9930	9790	9645	8775
23	19865	17525	15655	14375	13845	13435	13085	12800	12500	12270	12035	11860	11685	10635
29	21740	19180	17130	15730	15155	14705	14320	14000	13680	13425	13175	12975	12785	11640
35	23050	20340	18165	16680	16070	15600	15190	14850	14505	14240	13965	13755	13560	12335
41	25860	22820	20380	18705	18025	17495	17040	16655	16280	15975	15665	15445	15210	13845
46	27360	24140	21560	19800	19070	18510	18025	17625	17220	16900	16580	16335	16095	14650

## LOAD CAPACITY FOR TRAILER, LB

### Trailer

Pressure (psi)	Speed (mph)									
	2.5	5	10	12	15	17.5	22.5	25	27.5	30
12	12555	11080	9900	9085	8865	8865	8865	8865	8500	8045
17	16400	14475	12930	11860	11575	11575	11575	11575	11090	10515
23	19865	17525	15655	14375	14020	14020	14020	14020	13435	12730
29	21740	19180	17130	15730	15345	15345	15345	15345	14705	13935
35	23050	20340	18165	16680	16270	16270	16270	16270	15600	14780
41	25860	22820	20380	18705	18255	18255	18255	18255	17495	16580
46	27360	24140	21560	19800	19315	19315	19315	19315	18510	17540

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	76.9 in	78.7 in
TIRE WIDTH	27.8 in	29.2 in
PATTERN DEPTH	78/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	34.8 in @ 16100 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	233.6 in @ 16100 lb / 46 psi
DYNAMIC ROLLING RADIUS	37.2 in @ 16100 lb / 46 psi
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	280 gallons 100% 210 gallons 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
1061	280	796	210	653	172	333	734	986	2174

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/)