

710/70R38 177D NOKIAN TYRES TRACTOR KING SB TL

Revolutionary from surface to core

PRODUCT CODE	T445741
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	177D
RIM RECOMMENDED	DW23B
RIM PERMITTED	DW25B
TYPE APPROVAL	E4 106R-005689



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

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	77 in	78.7 in
TIRE WIDTH	28.2 in	29.6 in
PATTERN DEPTH	69/32 in	
MAX. INFLATION PRESSURE	58 psi	

STATIC LOADED RADIUS	35 in @ 16100 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	233.1 in @ 16100 lb / 46 psi
DYNAMIC ROLLING RADIUS	37.1 in @ 16100 lb / 46 psi
SPEED RADIUS INDEX	925
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
STUDDABLE	Yes Marked stud positions on tread Number of studs 160 pcs
VOLUME	281 gallons 100% 211 gallons 75%

WATER AND SALT BALLASTING

(CaCl₂, 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
1063	281	797	211	654	173	333	735	987	2176

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/