

# 800/70R38 183D NOKIAN TYRES TRACTOR KING SB TL

Revolutionary from surface to core

PRODUCT CODE	T445852
TIRE CLASSIFICATION CODE	R-1
APPLICATION	Tractor
LI / SPEED SYMBOL	183D
RIM RECOMMENDED	DW27B
RIM PERMITTED	DW25B
TYPE APPROVAL	E4 106R-005688



## 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	15465	13645	12190	11190	10780	10460	10185	9955	9735	9545	9370	9225	9095
17	19865	17525	15655	14375	13845	13435	13085	12800	12500	12270	12035	11860	11685
23	24360	21495	19200	17625	16985	16480	16050	15695	15335	15045	14760	14550	14330
29	26610	23480	20975	19255	18550	18000	17525	17140	16745	16435	16125	15885	15655
35	28110	24800	22155	20340	19600	19015	18520	18110	17690	17360	17030	16790	16535
41	30920	27280	24370	22375	21550	20920	20370	19920	19465	19105	18740	18465	18190
46	32795	28935	25850	23735	22860	22190	21605	21120	20645	20260	19875	19575	19290

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	82 in	83.8 in
TIRE WIDTH	32.5 in	33.8 in
PATTERN DEPTH	71/32 in	
MAX. INFLATION PRESSURE	58 psi	

STATIC LOADED RADIUS 37.4 in @ 19300 lb / 46 psi

DYNAMIC ROLLING CIRCUMFERENCE 248 in @ 19300 lb / 46 psi

DYNAMIC ROLLING RADIUS 39.5 in @ 19300 lb / 46 psi

SPEED RADIUS INDEX 975

TUBELESS VALVE TR618A

BELT MATERIAL Steel

STUDDABLE Yes  
Marked stud positions on tread  
Number of studs 160 pcs

VOLUME 386 gallons 100%  
290 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
1462	386	1097	290	900	238	459	1011	1359	2996

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/)