650/65R38 169D/166E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445738
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	169D (166E)
RIM RECOMMENDED	DW20B
TYPE APPROVAL	E8 106R-001807

LOAD CAPACITY FOR TRACTOR, LB

Tractor

Pressure (psi)	**Speed** (mph)													
	2.5	**5 LT**	**10**	**12**	**15**	**17.5 5 HT**	**22.5**	**25**	**27.5**	**30**	**35**	**37.5**	**40**	**42.5**
12	9930	8765	7825	7185	6925	6725	6550	6395	6250	6140	6020	5930	5840	5315
17	12930	11410	10195	9360	9015	8750	8520	8335	8135	7990	7835	7715	7605	6925
23	15465	13645	12190	11190	10780	10460	10185	9955	9735	9545	9370	9225	9095	8280
29	16865	14880	13295	12205	11760	11410	11110	10870	10615	10415	10220	10075	9920	9030
35	18275	16125	14405	13215	12730	12355	12035	11775	11495	11290	11065	10915	10750	9780
41	19865	17525	15655	14375	13845	13435	13085	12800	12500	12270	12035	11860	11685	10635
46	21740	19180	17130	15730	15155	14705	14320	14000	13680	13425	13175	12975	12785	11640

LOAD CAPACITY, LB

Trailed

Pressure (psi)	**Speed** (mph)									
	2.5	**5**	**10**	**12**	**15**	**17.5**	**22.5**	**25**	**27.5**	**30**
12	9930	8765	7825	7185	7010	7010	7010	7010	6725	6370
17	12930	11410	10195	9360	9125	9125	9125	9125	8750	8290
23	15465	13645	12190	11190	10915	10915	10915	10915	10460	9910
29	16865	14880	13295	12205	11905	11905	11905	11905	11410	10815
35	18275	16125	14405	13215	12895	12895	12895	12895	12355	11720
41	19865	17525	15655	14375	14020	14020	14020	14020	13435	12730
46	21740	19180	17130	15730	15345	15345	15345	15345	14705	13935

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	71.7 in	72.6 in
TIRE WIDTH	25 in	26.7 in
PATTERN DEPTH	74/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	32.6 in @ 12800 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	218.1 in @ 12800 lb / 46 psi
DYNAMIC ROLLING RADIUS	34.7 in @ 12800 lb / 46 psi
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	210 gallons 100% 158 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
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.

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/