710/75R42 181D/178E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445722
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor / Trailer
LI / SPEED SYMBOL	181D (178E)
RIM RECOMMENDED	DW23B
TYPE APPROVAL	E8 106R-001794

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	14055	12400	11080	10175	9800	9515	9260	9050	8850	8685	8520	8390	8265	7530
17	18275	16125	14405	13215	12730	12355	12035	11775	11495	11290	11065	10915	10750	9780
23	22485	19840	17725	16270	15675	15210	14815	14485	14155	13890	13625	13425	13230	12035
29	24360	21495	19200	17625	16985	16480	16050	15695	15335	15045	14760	14550	14330	13040
35	25860	22820	20380	18705	18025	17495	17040	16655	16280	15975	15665	15445	15210	13845
41	28110	24800	22155	20340	19600	19015	18520	18110	17690	17360	17030	16790	16535	15045
46	30920	27280	24370	22375	21550	20920	20370	19920	19465	19105	18740	18465	18190	16555

LOAD CAPACITY FOR TRAILER, LB

Trailed

Pressure (psi)	**Speed** (mph)									
	2.5	**5**	**10**	**12**	**15**	**17.5**	**22.5**	**25**	**27.5**	**30**
12	14055	12400	11080	10175	9920	9920	9920	9920	9515	9015
17	18275	16125	14405	13215	12895	12895	12895	12895	12355	11720
23	22485	19840	17725	16270	15875	15875	15875	15875	15210	14420
29	24360	21495	19200	17625	17195	17195	17195	17195	16480	15620
35	25860	22820	20380	18705	18255	18255	18255	18255	17495	16580
41	28110	24800	22155	20340	19840	19840	19840	19840	19015	18025
46	30920	27280	24370	22375	21825	21825	21825	21825	20920	19830

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	83.9 in	85.6 in
TIRE WIDTH	27.7 in	29.2 in
PATTERN DEPTH	78/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	38 in @ 18200 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	255 in @ 18200 lb / 46 psi
DYNAMIC ROLLING RADIUS	40.6 in @ 18200 lb / 46 psi
SPEED RADIUS INDEX	1000
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	333 gallons 100% 250 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
1261	333	946	250	776	205	396	872	1172	2584

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/