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

A crossover tire for mixed agricultural work

PRODUCT CODE	T445744
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor / Trailer
LI / SPEED SYMBOL	177D (174E)
RIM RECOMMENDED	DW23B
RIM PERMITTED	DW25B
TYPE APPROVAL	E8 106R-001879

LOAD CAPACITY FOR TRACTOR, KG

Tractor

Pressure (kPa)	**Speed** (km/h)													
	5	**10 LT**	**15**	**20**	**25**	**30 10 HT**	**35**	**40**	**45**	**50**	**55**	**60**	**65**	**70**
80	5695	5025	4490	4120	3970	3855	3750	3670	3585	3520	3450	3400	3350	3050
120	7440	6565	5865	5380	5185	5030	4900	4790	4680	4595	4505	4440	4375	3980
160	9010	7950	7100	6520	6280	6095	5935	5805	5670	5565	5460	5380	5300	4825
200	9860	8700	7770	7135	6875	6670	6495	6350	6205	6090	5975	5885	5800	5280
240	10455	9225	8240	7565	7290	7075	6890	6735	6580	6460	6335	6240	6150	5595
280	11730	10350	9245	8485	8175	7935	7730	7555	7385	7245	7105	7005	6900	6280
320	12410	10950	9780	8980	8650	8395	8175	7995	7810	7665	7520	7410	7300	6645

LOAD CAPACITY FOR TRAILER, KG

Trailed

Pressure (kPa)	**Speed** (km/h)									
	5	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**
80	5695	5025	4490	4120	4020	4020	4020	4020	3855	3650
120	7440	6565	5865	5380	5250	5250	5250	5250	5030	4770
160	9010	7950	7100	6520	6360	6360	6360	6360	6095	5775
200	9860	8700	7770	7135	6960	6960	6960	6960	6670	6320
240	10455	9225	8240	7565	7380	7380	7380	7380	7075	6705
280	11730	10350	9245	8485	8280	8280	8280	8280	7935	7520
320	12410	10950	9780	8980	8760	8760	8760	8760	8395	7955

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	1953 mm	1999 mm
TIRE WIDTH	705 mm	741 mm
PATTERN DEPTH	62 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	884 mm @ 7300 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5934 mm @ 7300 kg / 320 kPa
DYNAMIC ROLLING RADIUS	944 mm @ 7300 kg / 320 kPa
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	1061 l 100% 796 l 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
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.

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/