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, 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	6375	5625	5025	4615	4445	4315	4200	4105	4015	3940	3865	3805	3750	3415
120	8290	7315	6535	5995	5775	5605	5460	5340	5215	5120	5020	4950	4875	4435
160	10200	9000	8040	7380	7110	6900	6720	6570	6420	6300	6180	6090	6000	5460
200	11050	9750	8710	7995	7705	7475	7280	7120	6955	6825	6695	6600	6500	5915
240	11730	10350	9245	8485	8175	7935	7730	7555	7385	7245	7105	7005	6900	6280
280	12750	11250	10050	9225	8890	8625	8400	8215	8025	7875	7725	7615	7500	6825
320	14025	12375	11055	10150	9775	9490	9240	9035	8830	8665	8500	8375	8250	7510

LOAD CAPACITY FOR TRAILER, KG

Trailed

Pressure (kPa)	**Speed** (km/h)									
	5	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**
80	6375	5625	5025	4615	4500	4500	4500	4500	4315	4090
120	8290	7315	6535	5995	5850	5850	5850	5850	5605	5315
160	10200	9000	8040	7380	7200	7200	7200	7200	6900	6540
200	11050	9750	8710	7995	7800	7800	7800	7800	7475	7085
240	11730	10350	9245	8485	8280	8280	8280	8280	7935	7520
280	12750	11250	10050	9225	9000	9000	9000	9000	8625	8175
320	14025	12375	11055	10150	9900	9900	9900	9900	9490	8995

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	2132 mm	2175 mm
TIRE WIDTH	703 mm	741 mm
PATTERN DEPTH	62 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	964 mm @ 8250 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	6476 mm @ 8250 kg / 320 kPa
DYNAMIC ROLLING RADIUS	1031 mm @ 8250 kg / 320 kPa
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	1261 l 100% 946 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
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/