650/65R42 170D/167E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445727
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor / Trailer
LI / SPEED SYMBOL	170D (167E)
RIM RECOMMENDED	DW20B
TYPE APPROVAL	E8 106R-001797

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	10495	9260	8265	7595	7320	7100	6910	6755	6605	6480	6360	6260	6175	5620
17	13680	12070	10780	9900	9535	9260	9015	8805	8610	8455	8290	8170	8045	7320
23	15930	14055	12555	11530	11100	10780	10495	10265	10030	9845	9655	9515	9370	8530
29	17800	15710	14030	12885	12410	12050	11730	11465	11210	11000	10790	10625	10470	9535
35	19300	17030	15210	13965	13460	13060	12720	12435	12145	11925	11695	11520	11355	10330
41	20990	18520	16545	15190	14630	14200	13825	13515	13205	12965	12720	12535	12345	11235
46	22485	19840	17725	16270	15675	15210	14815	14485	14155	13890	13625	13425	13230	12035

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	10495	9260	8265	7595	7410	7410	7410	7410	7100	6725
17	13680	12070	10780	9900	9655	9655	9655	9655	9260	8775
23	15930	14055	12555	11530	11245	11245	11245	11245	10780	10220
29	17800	15710	14030	12885	12565	12565	12565	12565	12050	11420
35	19300	17030	15210	13965	13625	13625	13625	13625	13060	12380
41	20990	18520	16545	15190	14815	14815	14815	14815	14200	13460
46	22485	19840	17725	16270	15875	15875	15875	15875	15210	14420

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	75.3 in	76.7 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	34.3 in @ 13200 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	228.8 in @ 13200 lb / 46 psi
DYNAMIC ROLLING RADIUS	36.4 in @ 13200 lb / 46 psi
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	222 gallons 100% 167 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
842	222	632	167	518	137	264	582	782	1724

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/