

420/70R28 144D/141E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445733
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	144D (141E)
RIM RECOMMENDED	DW13
RIM PERMITTED	DW14L
TYPE APPROVAL	E8 106R-001803



LOAD CAPACITY FOR TRACTOR, KG

Tractor

Pressure (kPa)	Speed (km/h)													
	5	10	15	20	25	30	35	40	45	50	55	60	65	70
80	2245	1980	1770	1625	1565	1520	1480	1445	1410	1385	1360	1340	1320	1200
120	2890	2550	2280	2090	2015	1955	1905	1860	1820	1785	1750	1725	1700	1545
160	3500	3090	2760	2535	2440	2370	2305	2255	2205	2165	2120	2090	2060	1875
200	3810	3360	3000	2755	2655	2575	2510	2455	2395	2350	2305	2275	2240	2040
240	4130	3645	3255	2990	2880	2795	2720	2660	2600	2550	2505	2465	2430	2210
280	4505	3975	3550	3260	3140	3050	2970	2900	2835	2785	2730	2690	2650	2410
320	4760	4200	3750	3445	3320	3220	3135	3065	2995	2940	2885	2840	2800	2550

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	1352 mm	1375 mm
TIRE WIDTH	408 mm	439 mm
PATTERN DEPTH	46 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	620 mm @ 2800 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4102 mm @ 2800 kg / 320 kPa
DYNAMIC ROLLING RADIUS	653 mm @ 2800 kg / 320 kPa
SPEED RADIUS INDEX	650
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	265 l 100% 199 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
265	70	199	53	163	43	83	183	246	542

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/