

480/70R28 151D/148E NOKIAN TYRES GROUND KING SB TL

A crossover tire for mixed agricultural work

PRODUCT CODE	T445735
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	151D (148E)
RIM RECOMMENDED	DW15L
RIM PERMITTED	DW16L, DW14L
TYPE APPROVAL	E8 106R-001805



LOAD CAPACITY FOR TRACTOR, LB

Tractor

Pressure (psi)	Speed (mph)													
	2.5	5	10	12	15	17.5	22.5	25	27.5	30	35	37.5	40	42.5
12	5995	5290	4730	4345	4180	4055	3945	3860	3770	3705	3640	3585	3525	3210
17	7715	6810	6085	5590	5380	5225	5080	4970	4860	4775	4675	4610	4540	4135
23	9370	8265	7385	6780	6535	6340	6175	6040	5895	5785	5675	5600	5510	5015
29	10495	9260	8265	7595	7320	7100	6910	6755	6605	6480	6360	6260	6175	5620
35	10870	9590	8565	7860	7575	7350	7165	7000	6845	6715	6580	6495	6395	5820
41	12180	10750	9600	8820	8490	8245	8025	7850	7670	7530	7385	7275	7165	6525
46	12930	11410	10195	9360	9015	8750	8520	8335	8135	7990	7835	7715	7605	6925

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	55.5 in	57 in
TIRE WIDTH	18.5 in	19.8 in
PATTERN DEPTH	60/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	25.3 in @ 7600 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	168.1 in @ 7600 lb / 46 psi
DYNAMIC ROLLING RADIUS	26.8 in @ 7600 lb / 46 psi
SPEED RADIUS INDEX	675
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	149 gallons 100% 112 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
564	149	423	112	347	92	177	390	524	1155

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/