VF710/70R38 181D/178E NOKIAN TYRES SOIL KING VF SB TL

Next level efficiency for high-power tractors in farming



PRODUCT CODE	T445812
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	181D (178E)
RIM RECOMMENDED	DW25B
RIM PERMITTED	DW24B, DW23B
TYPE APPROVAL	E4 106R-006067

LOAD CAPACITY FOR TRACTOR, LB

Pressure (psi)	**Speed** (mph)													
	0	**2.5**	**5 LT**	**10**	**12**	**15**	**17.5 5 HT**	**22.5**	**25**	**30**	**35**	**37.5**	**40**	**42.5**
9	20285	10935	9700	9260	9170	9085	8995	8905	8820	8820	8820	8820	8820	8025
12	24085	12985	11520	11000	10890	10790	10680	10580	10470	10470	10470	10470	10470	9535
15	27635	14905	13215	12620	12500	12380	12260	12135	12015	12015	12015	12015	12015	10935
17	31185	16810	14915	14240	14100	13965	13835	13690	13560	13560	13560	13560	13560	12335
20	33975	18320	16250	15510	15365	15210	15070	14915	14770	14770	14770	14770	14770	13435
23	38030	20505	18190	17360	17195	17030	16865	16700	16535	16535	16535	16535	16535	15045
26	39295	21185	18795	17945	17770	17605	17430	17260	17085	17085	17085	17085	17085	15555
29–41	41835	22555	20005	19105	18915	18740	18550	18375	18190	18190	18190	18190	18190	16555

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. 60kPa (0,6 bar , 9 psi) low torque application only.

TIRE DIMENSIONS

	New tire	**Max. in service**
OVERALL DIAMETER	77.1 in	78.7 in
TIRE WIDTH	28.4 in	29.5 in
PATTERN DEPTH	79/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	41 psi	

STATIC LOADED RADIUS	33.9 in @ 18200 lb / 29 psi
DYNAMIC ROLLING CIRCUMFERENCE	231.7 in @ 18200 lb / 29 psi
DYNAMIC ROLLING RADIUS	36.9 in @ 18200 lb / 29 psi
SPEED RADIUS INDEX	925
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
STUDDABLE	Yes Marked stud positions on tread Number of studs 120 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	296 gallons 100% 222 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
1119	296	839	222	689	182	351	774	1040	2293

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/**