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, KG

Pressure (kPa)	Speed (km/h)													
	0	5	10 LT	15	20	25	30 10 HT	35	40	50	55	60	65	70
60	9200	4960	4400	4200	4160	4120	4080	4040	4000	4000	4000	4000	4000	3640
80	10925	5890	5225	4990	4940	4895	4845	4800	4750	4750	4750	4750	4750	4325
100	12535	6760	5995	5725	5670	5615	5560	5505	5450	5450	5450	5450	5450	4960
120	14145	7625	6765	6460	6395	6335	6275	6210	6150	6150	6150	6150	6150	5595
140	15410	8310	7370	7035	6970	6900	6835	6765	6700	6700	6700	6700	6700	6095
160	17250	9300	8250	7875	7800	7725	7650	7575	7500	7500	7500	7500	7500	6825
180	17825	9610	8525	8140	8060	7985	7905	7830	7750	7750	7750	7750	7750	7055
200–280	18975	10230	9075	8665	8580	8500	8415	8335	8250	8250	8250	8250	8250	7510

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	1959 mm	1999 mm
TIRE WIDTH	721 mm	750 mm
PATTERN DEPTH	63 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	280 kPa	

STATIC LOADED RADIUS	862 mm @ 8250 kg / 200 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5885 mm @ 8250 kg / 200 kPa
DYNAMIC ROLLING RADIUS	937 mm @ 8250 kg / 200 kPa
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	1119 l 100% 839 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
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/**