

# VF650/85R38 182D/179E NOKIAN TYRES SOIL KING VF SB TL

Next level efficiency for high-power tractors in farming

PRODUCT CODE	T445808
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	182D (179E)
RIM RECOMMENDED	DW23B
RIM PERMITTED	DW21B, DW20B
TYPE APPROVAL	E4 106R-006052



## 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	9775	5270	4675	4465	4420	4380	4335	4295	4250	4250	4250	4250	4250	3870
80	11215	6045	5365	5120	5070	5020	4975	4925	4875	4875	4875	4875	4875	4435
100	12880	6945	6160	5880	5825	5770	5710	5655	5600	5600	5600	5600	5600	5095
120	14490	7810	6930	6615	6550	6490	6425	6365	6300	6300	6300	6300	6300	5735
140	16330	8805	7810	7455	7385	7315	7240	7170	7100	7100	7100	7100	7100	6460
160	17825	9610	8525	8140	8060	7985	7905	7830	7750	7750	7750	7750	7750	7055
180	18400	9920	8800	8400	8320	8240	8160	8080	8000	8000	8000	8000	8000	7280
200-280	19550	10540	9350	8925	8840	8755	8670	8585	8500	8500	8500	8500	8500	7735

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	2064 mm	2115 mm
TIRE WIDTH	668 mm	696 mm
PATTERN DEPTH	63 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	280 kPa	

STATIC LOADED RADIUS	900 mm @ 8500 kg / 200 kPa
DYNAMIC ROLLING CIRCUMFERENCE	6190 mm @ 8500 kg / 200 kPa
DYNAMIC ROLLING RADIUS	985 mm @ 8500 kg / 200 kPa
SPEED RADIUS INDEX	975
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
STUDDABLE	Yes Marked stud positions on tread Number of studs 126 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	1165 l 100% 874 l 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 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
1165	308	874	231	717	189	365	806	1082	2385

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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)