

# 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, 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	21550	11620	10305	9845	9745	9655	9555	9470	9370	9370	9370	9370	9370	8530
12	24725	13325	11830	11290	11175	11065	10970	10860	10750	10750	10750	10750	10750	9780
15	28395	15310	13580	12965	12840	12720	12590	12465	12345	12345	12345	12345	12345	11235
17	31945	17220	15280	14585	14440	14310	14165	14030	13890	13890	13890	13890	13890	12645
20	36000	19410	17220	16435	16280	16125	15960	15805	15655	15655	15655	15655	15655	14240
23	39295	21185	18795	17945	17770	17605	17430	17260	17085	17085	17085	17085	17085	15555
26	40565	21870	19400	18520	18340	18165	17990	17815	17635	17635	17635	17635	17635	16050
29-41	43100	23235	20615	19675	19490	19300	19115	18925	18740	18740	18740	18740	18740	17055

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	81.3 in	83.3 in
TIRE WIDTH	26.3 in	27.4 in
PATTERN DEPTH	79/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	41 psi	

STATIC LOADED RADIUS	35.4 in @ 18700 lb / 29 psi
DYNAMIC ROLLING CIRCUMFERENCE	243.7 in @ 18700 lb / 29 psi
DYNAMIC ROLLING RADIUS	38.8 in @ 18700 lb / 29 psi
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	308 gallons 100% 231 gallons 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/)