

# VF650/65R42 174D/170E NOKIAN TYRES SOIL KING VF SB TL

Next level efficiency for high-power tractors in farming

PRODUCT CODE	T445810
TIRE CLASSIFICATION CODE	R-1W
APPLICATION	Tractor
LI / SPEED SYMBOL	174D (170E)
RIM RECOMMENDED	DW23B
RIM PERMITTED	DW21B, DW20B
TYPE APPROVAL	E4 106R-006063



## 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	7705	4155	3685	3520	3485	3450	3415	3385	3350	3350	3350	3350	3350	3050
80	9200	4960	4400	4200	4160	4120	4080	4040	4000	4000	4000	4000	4000	3640
100	10350	5580	4950	4725	4680	4635	4590	4545	4500	4500	4500	4500	4500	4095
120	11500	6200	5500	5250	5200	5150	5100	5050	5000	5000	5000	5000	5000	4550
140	12880	6945	6160	5880	5825	5770	5710	5655	5600	5600	5600	5600	5600	5095
160	13800	7440	6600	6300	6240	6180	6120	6060	6000	6000	6000	6000	6000	5460
180	14490	7810	6930	6615	6550	6490	6425	6365	6300	6300	6300	6300	6300	5735
200-280	15410	8310	7370	7035	6970	6900	6835	6765	6700	6700	6700	6700	6700	6095

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	1923 mm	1947 mm
TIRE WIDTH	658 mm	683 mm
PATTERN DEPTH	59 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	280 kPa	

STATIC LOADED RADIUS	855 mm @ 6700 kg / 200 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5770 mm @ 6700 kg / 200 kPa
DYNAMIC ROLLING RADIUS	918 mm @ 6700 kg / 200 kPa
SPEED RADIUS INDEX	925
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	884 l 100% 663 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
884	234	663	175	544	144	277	611	821	1810

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/)