# VF710/60R42 176D/173E NOKIAN TYRES SOIL KING VF SB TL

**Next level efficiency for high-power tractors in farming**

| | |
|---|---|
| **PRODUCT CODE** | T445873 |
| **TIRE CLASSIFICATION CODE** | R-1W |
| **APPLICATION** | Tractor |
| **LI / SPEED SYMBOL** | 176D (173E) |
| **RIM RECOMMENDED** | DW25B |
| **RIM PERMITTED** | DW24B, DW23B |
| **TYPE APPROVAL** | E4 106R-006639 |




## 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 | 7935 | 4280 | 3795 | 3625 | 3590 | 3555 | 3520 | 3485 | 3450 | 3450 | 3450 | 3450 | 3450 | 3140 |
| 80 | 9490 | 5115 | 4540 | 4330 | 4290 | 4250 | 4210 | 4165 | 4125 | 4125 | 4125 | 4125 | 4125 | 3755 |
| 100 | 10640 | 5735 | 5090 | 4855 | 4810 | 4765 | 4720 | 4670 | 4625 | 4625 | 4625 | 4625 | 4625 | 4210 |
| 120 | 12190 | 6570 | 5830 | 5565 | 5510 | 5460 | 5405 | 5355 | 5300 | 5300 | 5300 | 5300 | 5300 | 4825 |
| 140 | 13340 | 7190 | 6380 | 6090 | 6030 | 5975 | 5915 | 5860 | 5800 | 5800 | 5800 | 5800 | 5800 | 5280 |
| 160 | 14950 | 8060 | 7150 | 6825 | 6760 | 6695 | 6630 | 6565 | 6500 | 6500 | 6500 | 6500 | 6500 | 5915 |
| 180 | 15410 | 8310 | 7370 | 7035 | 6970 | 6900 | 6835 | 6765 | 6700 | 6700 | 6700 | 6700 | 6700 | 6095 |
| 200–280 | 16330 | 8805 | 7810 | 7455 | 7385 | 7315 | 7240 | 7170 | 7100 | 7100 | 7100 | 7100 | 7100 | 6460 |

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** | 1930 mm | 1953 mm |
| **TIRE WIDTH** | 717 mm | 743 mm |
| **PATTERN DEPTH** | 63 mm | |
| **PATTERN DEPTH ON TIE BAR** | | |
| **MAX. INFLATION PRESSURE** | 280 kPa | |

| | |
|---|---|
| **STATIC LOADED RADIUS** | 861 mm @ 7100 kg / 200 kPa |
| **DYNAMIC ROLLING CIRCUMFERENCE** | 5796 mm @ 7100 kg / 200 kPa |
| **DYNAMIC ROLLING RADIUS** | 922 mm @ 7100 kg / 200 kPa |
| **SPEED RADIUS INDEX** | 925 |
| **TUBELESS VALVE** | TR618A |
| **BELT MATERIAL** | Steel |
| **STUDDABLE** | Yes<br>Marked stud positions on tread<br>Number of studs 120 pcs<br>Recommended stud 12-20,12-23-12-24,16-19 |
| **VOLUME** | 974 l 100%<br>731 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 |
| 974 | 257 | 731 | 193 | 600 | 158 | 306 | 674 | 906 | 1997 |

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/**