

## 650/65R42 170D/167E GROUND KING TL

Combining all-terrain mobility with on-road performance

|                   |                   |
|-------------------|-------------------|
| PRODUCT CODE      | T445727           |
| APPLICATION       | Tractor / Trailer |
| LI / SPEED SYMBOL | 170D (167E)       |
| RIM RECOMMENDED   | DW20B             |
| TYPE APPROVAL     | E8 106R-001797    |



### LOAD CAPACITY FOR TRACTOR, KG

#### Tractor

| Pressure (kPa) | Speed (km/h) |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 5            | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   |
| 80             | 4760         | 4200 | 3750 | 3445 | 3320 | 3220 | 3135 | 3065 | 2995 | 2940 | 2885 | 2840 | 2800 | 2550 |
| 120            | 6205         | 5475 | 4890 | 4490 | 4325 | 4200 | 4090 | 3995 | 3905 | 3835 | 3760 | 3705 | 3650 | 3320 |
| 160            | 7225         | 6375 | 5695 | 5230 | 5035 | 4890 | 4760 | 4655 | 4550 | 4465 | 4380 | 4315 | 4250 | 3870 |
| 200            | 8075         | 7125 | 6365 | 5845 | 5630 | 5465 | 5320 | 5200 | 5085 | 4990 | 4895 | 4820 | 4750 | 4325 |
| 240            | 8755         | 7725 | 6900 | 6335 | 6105 | 5925 | 5770 | 5640 | 5510 | 5410 | 5305 | 5225 | 5150 | 4685 |
| 280            | 9520         | 8400 | 7505 | 6890 | 6635 | 6440 | 6270 | 6130 | 5990 | 5880 | 5770 | 5685 | 5600 | 5095 |
| 320            | 10200        | 9000 | 8040 | 7380 | 7110 | 6900 | 6720 | 6570 | 6420 | 6300 | 6180 | 6090 | 6000 | 5460 |

### LOAD CAPACITY FOR TRAILER, KG

#### Trailed

| Pressure (kPa) | Speed (km/h) |      |      |      |      |      |      |      |      |      |
|----------------|--------------|------|------|------|------|------|------|------|------|------|
|                | 5            | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
| 80             | 4760         | 4200 | 3750 | 3445 | 3360 | 3360 | 3360 | 3360 | 3220 | 3050 |
| 120            | 6205         | 5475 | 4890 | 4490 | 4380 | 4380 | 4380 | 4380 | 4200 | 3980 |
| 160            | 7225         | 6375 | 5695 | 5230 | 5100 | 5100 | 5100 | 5100 | 4890 | 4635 |
| 200            | 8075         | 7125 | 6365 | 5845 | 5700 | 5700 | 5700 | 5700 | 5465 | 5180 |
| 240            | 8755         | 7725 | 6900 | 6335 | 6180 | 6180 | 6180 | 6180 | 5925 | 5615 |
| 280            | 9520         | 8400 | 7505 | 6890 | 6720 | 6720 | 6720 | 6720 | 6440 | 6105 |
| 320            | 10200        | 9000 | 8040 | 7380 | 7200 | 7200 | 7200 | 7200 | 6900 | 6540 |

**TIRE DIMENSIONS**

|                         | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER        | 1913 mm  | 1947 mm         |
| TIRE WIDTH              | 634 mm   | 677 mm          |
| PATTERN DEPTH           | 59 mm    |                 |
| MAX. INFLATION PRESSURE | 320 kPa  |                 |

|                               |  |
|-------------------------------|--|
| STATIC LOADED RADIUS          | 872 mm @ 6000 kg / 320 kPa   |
| DYNAMIC ROLLING CIRCUMFERENCE | 5811 mm @ 6000 kg / 320 kPa  |
| DYNAMIC ROLLING RADIUS        | 925 mm @ 6000 kg / 320 kPa   |
| SPEED RADIUS INDEX            | 925  |
| TUBELESS VALVE                | TR618A   |
| BELT MATERIAL                 | Steel  |
| MARKINGS                      | M+S  |
| STUDDABLE                     | Yes<br>Marked stud positions on tread<br>Number of studs 144 pcs<br>Recommended stud 12-20,12-23-12-24,16-19 |
| VOLUME                        | 842 l 100%<br>632 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  |
| 842              | 222     | 632               | 167     | 518                              | 137     | 264  | 582 | 782                   | 1724 |

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.

Tyre have 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/)