

710/70R42 179D/175E GROUND KING TL

Combining all-terrain mobility with on-road performance

| | |
|-------------------|-------------------|
| PRODUCT CODE | T445725 |
| APPLICATION | Tractor / Trailer |
| LI / SPEED SYMBOL | 179D (175E) |
| RIM RECOMMENDED | DW23B |
| TYPE APPROVAL | E8 106R-001795 |



LOAD CAPACITY FOR TRACTOR, LB

Tractor

| Pressure (psi) | Speed (mph) | | | | | | | | | | | | | |
|----------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2.5 | 5 | 10 | 12 | 15 | 17.5 | 22.5 | 25 | 27.5 | 30 | 35 | 37.5 | 40 | 42.5 |
| 12 | 13305 | 11740 | 10485 | 9625 | 9270 | 9005 | 8765 | 8565 | 8380 | 8225 | 8060 | 7950 | 7825 | 7120 |
| 17 | 16865 | 14880 | 13295 | 12205 | 11760 | 11410 | 11110 | 10870 | 10615 | 10415 | 10220 | 10075 | 9920 | 9030 |
| 23 | 20990 | 18520 | 16545 | 15190 | 14630 | 14200 | 13825 | 13515 | 13205 | 12965 | 12720 | 12535 | 12345 | 11235 |
| 29 | 23050 | 20340 | 18165 | 16680 | 16070 | 15600 | 15190 | 14850 | 14505 | 14240 | 13965 | 13755 | 13560 | 12335 |
| 35 | 24360 | 21495 | 19200 | 17625 | 16985 | 16480 | 16050 | 15695 | 15335 | 15045 | 14760 | 14550 | 14330 | 13040 |
| 41 | 26610 | 23480 | 20975 | 19255 | 18550 | 18000 | 17525 | 17140 | 16745 | 16435 | 16125 | 15885 | 15655 | 14240 |
| 46 | 29045 | 25630 | 22895 | 21020 | 20250 | 19655 | 19135 | 18705 | 18285 | 17945 | 17605 | 17340 | 17085 | 15555 |

LOAD CAPACITY FOR TRAILER, LB

Trailed

| Pressure (psi) | Speed (mph) | | | | | | | | | |
|----------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 2.5 | 5 | 10 | 12 | 15 | 17.5 | 22.5 | 25 | 27.5 | 30 |
| 12 | 13305 | 11740 | 10485 | 9625 | 9390 | 9390 | 9390 | 9390 | 9005 | 8530 |
| 17 | 16865 | 14880 | 13295 | 12205 | 11905 | 11905 | 11905 | 11905 | 11410 | 10815 |
| 23 | 20990 | 18520 | 16545 | 15190 | 14815 | 14815 | 14815 | 14815 | 14200 | 13460 |
| 29 | 23050 | 20340 | 18165 | 16680 | 16270 | 16270 | 16270 | 16270 | 15600 | 14780 |
| 35 | 24360 | 21495 | 19200 | 17625 | 17195 | 17195 | 17195 | 17195 | 16480 | 15620 |
| 41 | 26610 | 23480 | 20975 | 19255 | 18785 | 18785 | 18785 | 18785 | 18000 | 17065 |
| 46 | 29045 | 25630 | 22895 | 21020 | 20505 | 20505 | 20505 | 20505 | 19655 | 18630 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER | 81.1 in | 82.7 in |
| TIRE WIDTH | 28 in | 29.2 in |
| PATTERN DEPTH | 78/32 in | |
| MAX. INFLATION PRESSURE | 46 psi | |

| | |
|-------------------------------|--------------------------------------------------------------------------------------------------------------|
| STATIC LOADED RADIUS | 36.7 in @ 17100 lb / 46 psi |
| DYNAMIC ROLLING CIRCUMFERENCE | 245.9 in @ 17100 lb / 46 psi |
| DYNAMIC ROLLING RADIUS | 39.1 in @ 17100 lb / 46 psi |
| SPEED RADIUS INDEX | 975 |
| TUBELESS VALVE | TR618A |
| BELT MATERIAL | Steel |
| MARKINGS | M+S |
| STUDDABLE | Yes Marked stud positions on tread Number of studs 144 pcs Recommended stud 12-20,12-23-12-24,16-19 |
| VOLUME | 302 gallons 100% 227 gallons 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 |
| 1142 | 302 | 857 | 226 | 703 | 186 | 358 | 790 | 1061 | 2339 |

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/