

600/50R22.5 163D NOKIAN TYRES CT TL

Stability for transporting high loads

| | |
|-------------------|----------------|
| PRODUCT CODE | T445627 |
| APPLICATION | Trailer |
| LI / SPEED SYMBOL | 163D |
| RIM RECOMMENDED | AG20.00 |
| TYPE APPROVAL | E8 106R-001195 |



LOAD CAPACITY FOR TRAILER, KG

Mixed

| Pressure (kPa) | Speed (km/h) | | | | | | | | | | | |
|-------------------|--------------|------|------|------|------|------|------|------|------|------|------|------|
| | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 |
| 80 | 2610 | 2510 | 2395 | 2290 | 2190 | 2090 | 1970 | 1870 | 1755 | 1655 | 1550 | 1450 |
| 120 | 3330 | 3200 | 3055 | 2925 | 2795 | 2665 | 2515 | 2385 | 2240 | 2110 | 1980 | 1850 |
| 160 | 4030 | 3875 | 3695 | 3540 | 3380 | 3225 | 3045 | 2890 | 2710 | 2555 | 2395 | 2240 |
| 200 | 4500 | 4325 | 4125 | 3950 | 3775 | 3600 | 3400 | 3225 | 3025 | 2850 | 2675 | 2500 |
| 240 | 5220 | 5015 | 4785 | 4580 | 4380 | 4175 | 3945 | 3740 | 3510 | 3305 | 3105 | 2900 |
| 280 | 5850 | 5625 | 5365 | 5135 | 4910 | 4680 | 4420 | 4195 | 3935 | 3705 | 3480 | 3250 |
| 320 | 6570 | 6315 | 6025 | 5765 | 5510 | 5255 | 4965 | 4710 | 4415 | 4160 | 3905 | 3650 |
| 360 | 7200 | 6920 | 6600 | 6320 | 6040 | 5760 | 5440 | 5160 | 4840 | 4560 | 4280 | 4000 |
| 400 | 7875 | 7570 | 7220 | 6915 | 6605 | 6300 | 5950 | 5645 | 5295 | 4990 | 4680 | 4375 |
| 450 | 8325 | 8000 | 7630 | 7310 | 6985 | 6660 | 6290 | 5965 | 5595 | 5275 | 4950 | 4625 |
| 500 | 8775 | 8435 | 8045 | 7705 | 7360 | 7020 | 6630 | 6290 | 5900 | 5560 | 5215 | 4875 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER | 1173 mm | 1196 mm |
| TIRE WIDTH | 597 mm | 621 mm |
| PATTERN DEPTH | 22 mm | |
| MAX. INFLATION PRESSURE | 500 kPa | |

| | |
|-------------------------------|-----------------------------|
| STATIC LOADED RADIUS | 528 mm @ 4875 kg / 500 kPa |
| DYNAMIC ROLLING CIRCUMFERENCE | 3574 mm @ 4875 kg / 500 kPa |
| DYNAMIC ROLLING RADIUS | 569 mm @ 4875 kg / 500 kPa |
| SPEED RADIUS INDEX | 550 |
| TUBE PRODUCT CODE | T55089 |
| TUBE VALVE | TR218A |
| TUBELESS VALVE | TR618A |
| BELT MATERIAL | Steel |
| VOLUME | 370 l 100% 278 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 |
| 370 | 98 | 278 | 73 | 228 | 60 | 116 | 256 | 344 | 758 |

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/