

12.00-20 20 176A5 NOKIAN TYRES MINE KING E-4 TT

Purpose designed and built special tire for drill rigs and utility vehicles

PRODUCT CODE	T445712
TIRE CLASSIFICATION CODE	E-4
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	176A5
PLY RATING	20
	8.5
RIM RECOMMENDED	Nominal dimensions and rim recommendations from TRA Off-The-Road standard
RIM PERMITTED	9.0, 8.0



LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, KG

Pressure (kPa)	Speed (km/h)					
	0	1	5	10	20	25
700	8700	7490	7490	7490	5765	5765
725	8880	7645	7645	7645	5880	5880
750	9060	7800	7800	7800	6000	6000
775	9235	7950	7950	7950	6115	6115
800	9410	8100	8100	8100	6230	6230
825	9580	8250	8250	8250	6345	6345
850	9750	8395	8395	8395	6455	6455
875	9915	8535	8535	8535	6565	6565
900	10080	8680	8680	8680	6675	6675
925	10245	8820	8820	8820	6785	6785
950	10405	8955	8955	8955	6890	6890
975	10565	9095	9095	9095	6995	6995
1000	10720	9230	9230	9230	7100	7100

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1147 mm	1214 mm
TIRE WIDTH	330 mm	340 mm
PATTERN DEPTH	35 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	1000 kPa	

STATIC LOADED RADIUS	520 mm @ 7100 kg / 1000 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3449 mm @ 7100 kg / 1000 kPa
DYNAMIC ROLLING RADIUS	549 mm @ 7100 kg / 1000 kPa
TUBE PRODUCT CODE	T52810
FLAP PRODUCT CODE	T299537
TUBE VALVE	V3.02.16
VOLUME	130 l 100% 98 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
130	34	98	26	80	21	41	90	121	267

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/