

## 14.00-20 20 185A2 NOKIAN TYRES MINE KING E-4 TT

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

PRODUCT CODE	T445617
TIRE CLASSIFICATION CODE	E-4
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	185A2
PLY RATING	20
RIM RECOMMENDED	10.0
RIM PERMITTED	9.0



### LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, LB

Pressure (psi)	Speed (mph)						
	0	creep	2.5	5	10	12	15
102	26490	21515	18870	16555	14395	13900	13240
105	27030	21970	19255	16900	14695	14200	13515
109	27580	22400	19645	17230	14990	14475	13790
112	28110	22840	20030	17570	15290	14760	14055
116	28640	23270	20405	17900	15575	15035	14320
120	29155	23690	20780	18220	15850	15310	14575
123	29675	24110	21140	18540	16140	15575	14835
127	30180	24515	21505	18860	16415	15840	15090
131	30675	24925	21860	19170	16680	16105	15345
134	31175	25330	22210	19490	16955	16370	15585
138	31660	25730	22565	19785	17220	16625	15830
141	32145	26125	22905	20095	17485	16875	16070
145	32630	26510	23250	20395	17745	17130	16315

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	48.2 in	53.8 in
TIRE WIDTH	14.6 in	15.9 in
PATTERN DEPTH	50/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	145 psi	

STATIC LOADED RADIUS	22 in @ 20400 lb / 145 psi
DYNAMIC ROLLING CIRCUMFERENCE	144.4 in @ 20400 lb / 145 psi
DYNAMIC ROLLING RADIUS	23 in @ 20400 lb / 145 psi
TUBE PRODUCT CODE	T52920
FLAP PRODUCT CODE	T299537
TUBE VALVE	V3-02-19
VOLUME	42 gallons 100% 32 gallons 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
158	42	119	31	97	26	50	109	147	324

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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)