

10.00-20 16 164A5 NOKIAN TYRES ARMOR GARD 2 MINE TT

Strong tire for drill rigs with mining compound and improved, wider tread

PRODUCT CODE	T445770
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	164A5
PLY RATING	16
RIM RECOMMENDED	7.5
RIM PERMITTED	8.0



LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, KG

Pressure (kPa)	Speed (km/h)					
	0	1	5	10	20	25
550	5660	4875	4875	4875	3750	3750
575	5810	5000	5000	5000	3845	3845
600	5955	5125	5125	5125	3945	3945
625	6100	5250	5250	5250	4040	4040
650	6240	5375	5375	5375	4135	4135
675	6380	5495	5495	5495	4225	4225
700	6520	5610	5610	5610	4315	4315
725	6655	5730	5730	5730	4405	4405
750	6785	5840	5840	5840	4495	4495
775	6920	5955	5955	5955	4580	4580
800	7045	6065	6065	6065	4665	4665
825	7175	6175	6175	6175	4750	4750
850	7300	6285	6285	6285	4835	4835
875	7425	6395	6395	6395	4920	4920
900	7550	6500	6500	6500	5000	5000

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1069 mm	1097 mm
TIRE WIDTH	285 mm	300 mm
PATTERN DEPTH	21 mm	
MAX. INFLATION PRESSURE	900 kPa	

STATIC LOADED RADIUS	484 mm @ 5000 kg / 900 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3209 mm @ 5000 kg / 900 kPa
DYNAMIC ROLLING RADIUS	511 mm @ 5000 kg / 900 kPa
TUBE PRODUCT CODE	T52620
FLAP PRODUCT CODE	T299520
TUBE VALVE	TR78
VOLUME	105 l 100% 79 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
105	28	79	21	65	17	33	73	98	216

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/