9.00-20 16 160A5 NOKIAN TYRES ARMOR GARD MINE TT

Long service life for material-handling machines and excavators

PRODUCT CODE	T445562
TIRE CLASSIFICATION CODE	E-2
APPLICATION	Drill rigs and other mining machines
LI / SPEED SYMBOL	160A5
PLY RATING	16
RIM RECOMMENDED	7.0
RIM PERMITTED	7.5

LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, KG

Pressure (kPa)	Speed (km/h)					
	0	1	5	10	20	25
800	5965	5135	5135	5135	3950	3950
825	6070	5225	5225	5225	4020	4020
850	6180	5320	5320	5320	4090	4090
875	6285	5410	5410	5410	4160	4160
900	6390	5500	5500	5500	4230	4230
925	6490	5590	5590	5590	4300	4300
950	6595	5675	5675	5675	4365	4365
975	6695	5765	5765	5765	4435	4435
1000	6795	5850	5850	5850	4500	4500

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1038 mm	1070 mm
TIRE WIDTH	278 mm	280 mm
PATTERN DEPTH	20 mm	
MAX. INFLATION PRESSURE	1000 kPa	

STATIC LOADED RADIUS	480 mm @ 4500 kg / 1000 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3123 mm @ 4500 kg / 1000 kPa
DYNAMIC ROLLING RADIUS	497 mm @ 4500 kg / 1000 kPa
TUBE PRODUCT CODE	T52520
FLAP PRODUCT CODE	T299520
TUBE VALVE	TR175
VOLUME	90 l 100% 68 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
90	24	68	18	55	15	28	62	83	183

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/