12.00-20 20 176A5/176A5 NOKIAN TYRES ARMOR GARD TT

Long service life for material-handling machines and loaders

PRODUCT CODE	T445459
TIRE CLASSIFICATION CODE	E-2
APPLICATION	Fork lift
LI / SPEED SYMBOL	176A5 (176A5)
PLY RATING	20
	8.5
RIM RECOMMENDED	Nominal dimensions and rim recommendations from TRA standard
RIM PERMITTED	9.0

LOAD CAPACITY FOR FORK LIFT, KG

Load wheel

Pressure (kPa)	**Speed** (km/h)					
	0	**1**	**5**	**10**	**20**	**25**
800	9410	8100	8100	8100	8100	8100
825	9580	8250	8250	8250	8250	8250
850	9750	8395	8395	8395	8395	8395
875	9915	8535	8535	8535	8535	8535
900	10080	8680	8680	8680	8680	8680
925	10245	8820	8820	8820	8820	8820
950	10405	8955	8955	8955	8955	8955
975	10565	9095	9095	9095	9095	9095
1000	10720	9230	9230	9230	9230	9230

Steer wheel

Pressure (kPa)	**Speed** (km/h)					
	0	**1**	**5**	**10**	**20**	**25**
800	7475	6545	6545	6545	6230	6230
825	7615	6660	6660	6660	6345	6345
850	7745	6780	6780	6780	6455	6455
875	7880	6895	6895	6895	6565	6565
900	8010	7010	7010	7010	6675	6675
925	8140	7125	7125	7125	6785	6785
950	8270	7235	7235	7235	6890	6890
975	8395	7345	7345	7345	6995	6995
1000	8520	7455	7455	7455	7100	7100

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1149 mm	1192 mm
TIRE WIDTH	329 mm	340 mm
PATTERN DEPTH	25.5 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	1000 kPa	

STATIC LOADED RADIUS	521 mm @ 7100 kg / 1000 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3431 mm @ 7100 kg / 1000 kPa
DYNAMIC ROLLING RADIUS	546 mm @ 7100 kg / 1000 kPa
TUBE PRODUCT CODE	T52810
FLAP PRODUCT CODE	T299537
TUBE VALVE	V3.02.16
VOLUME	145 l 100% 109 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
145	38	109	29	89	24	45	100	134	295

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/