10.00-20 16 148B/164A5 NOKIAN TYRES ARMOR GARD 2 TT

Premium stability for urban excavation



PRODUCT CODE	T445649
TIRE CLASSIFICATION CODE	E-2
APPLICATION	Wheeled excavator / Fork lift
LI / SPEED SYMBOL	148B (164A5)
PLY RATING	16
RIM RECOMMENDED	7.5
RIM PERMITTED	8.0

LOAD CAPACITY FOR WHEELED EXCAVATOR, KG

Pressure (kPa)	**Speed** (km/h)											
	0	**1**	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**
550	6340	5140	4520	3970	3445	3320	3170	3045	2920	2770	2645	2495
575	6555	5315	4670	4105	3560	3435	3280	3150	3020	2865	2735	2580
600	6770	5490	4825	4235	3675	3545	3385	3250	3120	2960	2825	2665
625	6980	5660	4975	4370	3790	3655	3490	3350	3215	3050	2910	2745
650	7185	5830	5120	4500	3905	3765	3595	3450	3310	3140	3000	2830
675	7395	5995	5270	4630	4015	3870	3695	3550	3405	3230	3085	2910
700	7600	6160	5415	4755	4130	3980	3800	3650	3500	3320	3170	2990
725	7800	6325	5560	4885	4240	4085	3900	3745	3595	3410	3255	3070
750	8000	6490	5700	5010	4345	4190	4000	3845	3685	3495	3340	3150

LOAD CAPACITY FOR FORK LIFT, KG

Load wheel

Pressure (kPa)	**Speed** (km/h)					
	0	**1**	**5**	**10**	**20**	**25**
900	7550	6500	6500	6500	6500	6500

Steer wheel

Pressure (kPa)	**Speed** (km/h)					
	0	**1**	**5**	**10**	**20**	**25**
900	6000	5250	5250	5250	5000	5000

SUITABLE SPACER RING FOR DUAL MOUNTING - HTTSR00001 TYRE SPACER RING 75mm

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1066 mm	1118 mm
TIRE WIDTH	283 mm	300 mm
PATTERN DEPTH	21 mm	
PATTERN DEPTH ON TIE BAR	12 mm	
MAX. INFLATION PRESSURE	900 kPa	

STATIC LOADED RADIUS	500 mm @ 3150 kg / 750 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3173 mm @ 3150 kg / 750 kPa
DYNAMIC ROLLING RADIUS	505 mm @ 3150 kg / 750 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.

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/