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, LB

Pressure (psi)	**Speed** (mph)											
	0	**creep**	**2.5**	**5**	**10**	**12**	**15**	**17.5**	**22.5**	**25**	**27.5**	**30**
80	13975	11330	9965	8750	7595	7320	6990	6715	6440	6105	5830	5500
83	14450	11720	10295	9050	7850	7575	7230	6945	6660	6315	6030	5690
87	14925	12105	10635	9335	8100	7815	7465	7165	6880	6525	6230	5875
91	15390	12480	10970	9635	8355	8060	7695	7385	7090	6725	6415	6050
94	15840	12855	11290	9920	8610	8300	7925	7605	7295	6925	6615	6240
98	16305	13215	11620	10205	8850	8530	8145	7825	7505	7120	6800	6415
102	16755	13580	11940	10485	9105	8775	8380	8045	7715	7320	6990	6590
105	17195	13945	12260	10770	9350	9005	8600	8255	7925	7520	7175	6770
109	17635	14310	12565	11045	9580	9235	8820	8475	8125	7705	7365	6945

LOAD CAPACITY FOR FORK LIFT, LB

Load wheel

Pressure (psi)	**Speed** (mph)					
	0	**creep**	**2.5**	**5**	**12**	**15**
131	16645	14330	14330	14330	14330	14330

Steer wheel

Pressure (psi)	**Speed** (mph)					
	0	**creep**	**2.5**	**5**	**12**	**15**
131	13230	11575	11575	11575	11025	11025

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

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	42 in	44 in
TIRE WIDTH	11.1 in	11.8 in
PATTERN DEPTH	26/32 in	
PATTERN DEPTH ON TIE BAR	15/32 in	
MAX. INFLATION PRESSURE	131 psi	

STATIC LOADED RADIUS	19.7 in @ 6950 lb / 109 psi
DYNAMIC ROLLING CIRCUMFERENCE	124.9 in @ 6950 lb / 109 psi
DYNAMIC ROLLING RADIUS	19.9 in @ 6950 lb / 109 psi
TUBE PRODUCT CODE	T52620
FLAP PRODUCT CODE	T299520
TUBE VALVE	TR78
VOLUME	28 gallons 100% 21 gallons 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/