11.00-20 16 151B/170A5 NOKIAN TYRES ARMOR GARD 2 TT

Premium stability for urban excavation



PRODUCT CODE	T445650
TIRE CLASSIFICATION CODE	E-2
APPLICATION	Wheeled excavator / Fork lift
LI / SPEED SYMBOL	151B (170A5)
PLY RATING	16
RIM RECOMMENDED	8.0
RIM PERMITTED	8.5

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	15310	12410	10915	9580	8320	8015	7650	7350	7055	6690	6395	6030
83	15830	12840	11275	9910	8600	8290	7915	7605	7285	6925	6605	6230
87	16345	13250	11640	10230	8875	8555	8170	7850	7530	7145	6825	6440
91	16855	13670	12005	10550	9160	8820	8420	8090	7760	7365	7035	6635
94	17350	14075	12370	10860	9425	9085	8675	8335	7990	7585	7240	6835
98	17845	14475	12720	11175	9700	9350	8930	8575	8225	7805	7450	7035
102	18340	14880	13075	11485	9965	9600	9170	8805	8455	8015	7660	7220
105	18840	15280	13425	11795	10230	9865	9415	9050	8675	8235	7860	7420
109	19325	15665	13770	12090	10495	10120	9655	9280	8895	8445	8060	7605

LOAD CAPACITY FOR FORK LIFT, LB

Load wheel

Pressure (psi)	Speed (mph)					
	0	creep	2.5	5	12	15
131	19975	17195	17195	17195	17195	17195

Steer wheel

Pressure (psi)	Speed (mph)					
	0	creep	2.5	5	12	15
131	15875	13890	13890	13890	13230	13230

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	43.5 in	44.3 in
TIRE WIDTH	12 in	14.1 in
PATTERN DEPTH	29/32 in	
PATTERN DEPTH ON TIE BAR	18/32 in	
MAX. INFLATION PRESSURE	131 psi	

STATIC LOADED RADIUS	20.4 in @ 7600 lb / 109 psi
DYNAMIC ROLLING CIRCUMFERENCE	132.3 in @ 7600 lb / 109 psi
DYNAMIC ROLLING RADIUS	21.1 in @ 7600 lb / 109 psi
TUBE PRODUCT CODE	T52720
FLAP PRODUCT CODE	T299530
TUBE VALVE	TR179
VOLUME	32 gallons 100% 24 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
120	32	90	24	74	20	38	83	112	247

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/