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, KG

Pressure (kPa)	Speed (km/h)											
	0	1	5	10	15	20	25	30	35	40	45	50
550	6945	5630	4950	4345	3775	3635	3470	3335	3200	3035	2900	2735
575	7180	5825	5115	4495	3900	3760	3590	3450	3305	3140	2995	2825
600	7415	6010	5280	4640	4025	3880	3705	3560	3415	3240	3095	2920
625	7645	6200	5445	4785	4155	4000	3820	3670	3520	3340	3190	3010
650	7870	6385	5610	4925	4275	4120	3935	3780	3625	3440	3285	3100
675	8095	6565	5770	5070	4400	4240	4050	3890	3730	3540	3380	3190
700	8320	6750	5930	5210	4520	4355	4160	3995	3835	3635	3475	3275
725	8545	6930	6090	5350	4640	4475	4270	4105	3935	3735	3565	3365
750	8765	7105	6245	5485	4760	4590	4380	4210	4035	3830	3655	3450

LOAD CAPACITY FOR FORK LIFT, KG

Load wheel

Pressure (kPa)	Speed (km/h)					
	0	1	5	10	20	25
900	9060	7800	7800	7800	7800	7800

Steer wheel

Pressure (kPa)	Speed (km/h)					
	0	1	5	10	20	25
900	7200	6300	6300	6300	6000	6000

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1106 mm	1126 mm
TIRE WIDTH	306 mm	358 mm
PATTERN DEPTH	23 mm	
PATTERN DEPTH ON TIE BAR	14 mm	
MAX. INFLATION PRESSURE	900 kPa	

STATIC LOADED RADIUS	518 mm @ 3450 kg / 750 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3361 mm @ 3450 kg / 750 kPa
DYNAMIC ROLLING RADIUS	535 mm @ 3450 kg / 750 kPa
TUBE PRODUCT CODE	T52720
FLAP PRODUCT CODE	T299530
TUBE VALVE	TR179
VOLUME	120 l 100% 90 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
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/