

580/65B30 161B TRI TL

Stability and reliable grip for backhoe loaders

PRODUCT CODE	T445293
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Backhoe loader
LI / SPEED SYMBOL	161B (161B)
RIM RECOMMENDED	DW18.00L
RIM PERMITTED	DW16L, DW20B



LOAD CAPACITY FOR BACKHOE LOADER, KG

Constant load

Pressure (kPa)	Speed (km/h)								
	0	5	10	15	20	25	30	35	40
80	4600	2900	2500	2260	2180	2120	2080	2040	2000
120	5925	3735	3220	2910	2805	2730	2680	2625	2575
160	7075	4460	3845	3475	3350	3260	3200	3135	3075
200	7935	5005	4315	3900	3760	3655	3590	3520	3450
240	9490	5980	5155	4660	4495	4375	4290	4210	4125
320	11845	7470	6440	5820	5615	5460	5355	5255	5150

Cyclic load

Pressure (kPa)	Speed (km/h)								
	0	5	10	15	20	25	30	35	40
80	4600	3340	3000	2680	2460	2220	2140	2060	2000
120	5925	4300	3865	3450	3165	2860	2755	2650	2575
160	7075	5135	4615	4120	3780	3415	3290	3165	3075
200	7935	5760	5175	4625	4245	3830	3690	3555	3450
240	9490	6890	6190	5530	5075	4580	4415	4250	4125
320	11845	8600	7725	6900	6335	5715	5510	5305	5150

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1516 mm	1568 mm
TIRE WIDTH	590 mm	623 mm
PATTERN DEPTH		
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	698 mm @ 4625 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4530 mm @ 4625 kg / 320 kPa
DYNAMIC ROLLING RADIUS	721 mm @ 4625 kg / 320 kPa
SPEED RADIUS INDEX	725
TUBELESS VALVE	TR618A
VOLUME	620 l 100% 465 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
620	164	465	123	382	101	195	429	577	1272

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.

Tyre have 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/