480/80R38 166A8/161D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445377
EQUIVALENT SIZE	18.4R38
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	166A8 (161D)
RIM RECOMMENDED	DW15L
RIM PERMITTED	DW16L, DW18L
TYPE APPROVAL	E8 106R-001622

LOAD CAPACITY FOR TRACTOR, KG

Constant load

Pressure (kPa)	**Speed** (km/h)													
	0	**5**	**10 LT**	**15**	**20**	**25**	**30 10 HT**	**35**	**40**	**45**	**50**	**55**	**60**	**65**
80	5440	3440	2965	2680	2595	2515	2470	2430	2370	2305	2225	2165	2120	2060
120	6995	4425	3815	3445	3340	3235	3180	3125	3050	2970	2860	2785	2730	2650
160	8580	5430	4680	4225	4095	3965	3900	3835	3740	3640	3510	3415	3350	3250
200	9370	5930	5110	4615	4475	4330	4260	4190	4085	3975	3835	3730	3655	3550
240	10230	6470	5580	5040	4885	4730	4650	4575	4455	4340	4185	4070	3990	3875
280	10890	6890	5940	5365	5200	5035	4950	4870	4745	4620	4455	4330	4250	4125
320	12210	7725	6660	6015	5830	5645	5550	5460	5320	5180	4995	4855	4765	4625

Cyclic load

Pressure (kPa)	Speed (km/h)													
	0	5	10 LT	15	20	25	30 10 HT	35	40	45	50	55	60	65
80	5440	3955	3565	3170	2925	2635	2535	2450	2370	2305	2225	2165	2120	2060
120	6995	5090	4585	4080	3765	3390	3260	3155	3050	2970	2860	2785	2730	2650
160	8580	6240	5625	5005	4615	4160	4000	3870	3740	3640	3510	3415	3350	3250
200	9370	6815	6140	5465	5040	4545	4365	4225	4085	3975	3835	3730	3655	3550
240	10230	7440	6705	5970	5505	4960	4765	4610	4455	4340	4185	4070	3990	3875
280	10890	7920	7135	6355	5860	5280	5075	4910	4745	4620	4455	4330	4250	4125
320	12210	8880	8000	7125	6570	5920	5690	5505	5320	5180	4995	4855	4765	4625

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1733 mm	1763 mm
TIRE WIDTH	466 mm	503 mm
PATTERN DEPTH	29 mm	
PATTERN DEPTH ON TIE BAR	24 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	793 mm @ 5300 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5256 mm @ 5300 kg / 320 kPa
DYNAMIC ROLLING RADIUS	837 mm @ 5300 kg / 320 kPa
SPEED RADIUS INDEX	825
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 192 pcs Recommended stud 12-20,12-23,12-24,16-19
VOLUME	560 l 100% 420 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
560	148	420	111	345	91	176	387	521	1149

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/