620/80R42 181A8/177D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445518
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	181A8 (177D)
RIM RECOMMENDED	DW20B
RIM PERMITTED	DW23B
TYPE APPROVAL	E8 106R-001638

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	8580	5430	4680	4225	4095	3965	3900	3835	3740	3640	3510	3415	3350	3250
120	10890	6890	5940	5365	5200	5035	4950	4870	4745	4620	4455	4330	4250	4125
160	13200	8350	7200	6500	6300	6100	6000	5900	5750	5600	5400	5250	5150	5000
200	14785	9350	8065	7280	7055	6830	6720	6610	6440	6270	6050	5880	5770	5600
240	15840	10020	8640	7800	7560	7320	7200	7080	6900	6720	6480	6300	6180	6000
280	17160	10855	9360	8450	8190	7930	7800	7670	7475	7280	7020	6825	6695	6500
320	19270	12190	10510	9490	9200	8905	8760	8615	8395	8175	7885	7665	7520	7300

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	8580	6240	5625	5005	4615	4160	4000	3870	3740	3640	3510	3415	3350	3250
120	10890	7920	7135	6355	5860	5280	5075	4910	4745	4620	4455	4330	4250	4125
160	13200	9600	8650	7700	7100	6400	6150	5950	5750	5600	5400	5250	5150	5000
200	14785	10750	9690	8625	7950	7170	6890	6665	6440	6270	6050	5880	5770	5600
240	15840	11520	10380	9240	8520	7680	7380	7140	6900	6720	6480	6300	6180	6000
280	17160	12480	11245	10010	9230	8320	7995	7735	7475	7280	7020	6825	6695	6500
320	19270	14015	12630	11240	10365	9345	8980	8685	8395	8175	7885	7665	7520	7300

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	2059 mm	2079 mm
TIRE WIDTH	626 mm	638 mm
PATTERN DEPTH	35 mm	
PATTERN DEPTH ON TIE BAR	35 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	925 mm @ 8250 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	6289 mm @ 8250 kg / 320 kPa
DYNAMIC ROLLING RADIUS	1001 mm @ 8250 kg / 320 kPa
SPEED RADIUS INDEX	975
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	1125 l 100% 844 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
1125	297	844	223	692	183	353	778	1045	2304

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/