540/80R38 172A8/167D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round



PRODUCT CODE	T445338
EQUIVALENT SIZE	20.8R28
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	172A8 (167D)
RIM RECOMMENDED	DW18L
RIM PERMITTED	DW16L
TYPE APPROVAL	E8 106R-001616

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	6600	4175	3600	3250	3150	3050	3000	2950	2875	2800	2700	2625	2575	2500
120	8315	5260	4535	4095	3970	3845	3780	3715	3625	3530	3400	3310	3245	3150
160	10230	6470	5580	5040	4885	4730	4650	4575	4455	4340	4185	4070	3990	3875
200	11220	7100	6120	5525	5355	5185	5100	5015	4890	4760	4590	4465	4380	4250
240	12210	7725	6660	6015	5830	5645	5550	5460	5320	5180	4995	4855	4765	4625
280	13200	8350	7200	6500	6300	6100	6000	5900	5750	5600	5400	5250	5150	5000
320	14785	9350	8065	7280	7055	6830	6720	6610	6440	6270	6050	5880	5770	5600

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	6600	4800	4325	3850	3550	3200	3075	2975	2875	2800	2700	2625	2575	2500
120	8315	6050	5450	4850	4475	4030	3875	3750	3625	3530	3400	3310	3245	3150
160	10230	7440	6705	5970	5505	4960	4765	4610	4455	4340	4185	4070	3990	3875
200	11220	8160	7355	6545	6035	5440	5230	5060	4890	4760	4590	4465	4380	4250
240	12210	8880	8000	7125	6570	5920	5690	5505	5320	5180	4995	4855	4765	4625
280	13200	9600	8650	7700	7100	6400	6150	5950	5750	5600	5400	5250	5150	5000
320	14785	10750	9690	8625	7950	7170	6890	6665	6440	6270	6050	5880	5770	5600

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1825 mm	1863 mm
TIRE WIDTH	553 mm	567 mm
PATTERN DEPTH	30 mm	
PATTERN DEPTH ON TIE BAR	25 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	834 mm @ 6300 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	5523 mm @ 6300 kg / 320 kPa
DYNAMIC ROLLING RADIUS	879 mm @ 6300 kg / 320 kPa
SPEED RADIUS INDEX	875
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	740 l 100% 555 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
740	195	555	147	455	120	232	512	687	1515

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/