800/40-24.5 LS 20 169A8/176A2 NOKIAN TYRES FOREST KING TRS 3 SF TT

Traction tire for harvesters and forwarders



PRODUCT CODE	T445893
TIRE CLASSIFICATION CODE	LS-2
APPLICATION	Forwarder and Harvester
LI / SPEED SYMBOL	169A8 (176A2)
PLY RATING	20
RIM RECOMMENDED	AG28.00
TYPE APPROVAL	E4 106R-007058

LOAD CAPACITY FOR FORWARDER AND HARVESTER, KG

Forestry service (LT)

Pressure (kPa)	**Speed** (km/h)
	10
160	3650
200	4125
240	4500
280	5000
320	5300
360	5800
400	6300
450	6700
500	7100

Road

Pressure (kPa)	**Speed** (km/h)		
	20	**30**	**40**
160	3690	3210	3000
200	4120	3585	3350
240	4490	3905	3650
280	5075	4415	4125
320	5230	4550	4250
360	5845	5085	4750
400	6335	5510	5150
450	6705	5830	5450
500	7135	6205	5800

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1250 mm	1306 mm
TIRE WIDTH	795 mm	873 mm
PATTERN DEPTH	48 mm	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	550 kPa	

STATIC LOADED RADIUS	578 mm @ 5800 kg / 500 kPa
STATIC LOADED RADIUS	571 mm @ 7100 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3817 mm @ 5800 kg / 500 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3805 mm @ 7100 kg / 500 kPa
DYNAMIC ROLLING RADIUS	607 mm @ 5800 kg / 500 kPa
DYNAMIC ROLLING RADIUS	606 mm @ 7100 kg / 500 kPa
TUBE PRODUCT CODE	T545448
TUBE VALVE	TR218A
BREAKER MATERIAL	Steel
VOLUME	440 l 100% 330 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
440	116	330	87	271	72	138	304	409	902

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/