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, LB

Forestry service (LT)

Pressure (psi)	**Speed** (mph)
	5
23	8045
29	9095
35	9920
41	11025
46	11685
52	12785
58	13890
65	14770
73	15655

Road

Pressure (psi)	**Speed** (mph)		
	12	**17.5**	**25**
23	8135	7075	6615
29	9085	7905	7385
35	9900	8610	8045
41	11190	9735	9095
46	11530	10030	9370
52	12885	11210	10470
58	13965	12145	11355
65	14780	12855	12015
73	15730	13680	12785

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	49.2 in	51.4 in
TIRE WIDTH	31.3 in	34.4 in
PATTERN DEPTH	60/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	80 psi	

STATIC LOADED RADIUS	22.8 in @ 12800 lb / 73 psi
STATIC LOADED RADIUS	22.5 in @ 15700 lb / 73 psi
DYNAMIC ROLLING CIRCUMFERENCE	150.3 in @ 12800 lb / 73 psi
DYNAMIC ROLLING CIRCUMFERENCE	149.8 in @ 15700 lb / 73 psi
DYNAMIC ROLLING RADIUS	23.9 in @ 12800 lb / 73 psi
DYNAMIC ROLLING RADIUS	23.8 in @ 15700 lb / 73 psi
TUBE PRODUCT CODE	T545448
TUBE VALVE	TR218A
BREAKER MATERIAL	Steel
VOLUME	116 gallons 100% 87 gallons 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/