

PLANETARY STEERING AXLES



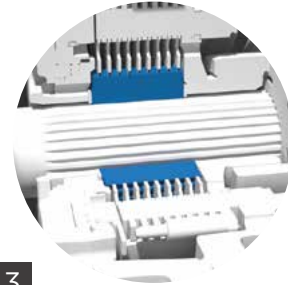
1

CAST DESIGN



2

PATENTED SELF-COOLED
TURBO BRAKE



3

DIFFERENTIAL LOCKS
MDDL
OR NOSPIN®
OR DOG CLUTCH
OR LIMITED SLIP

TYPE	LAP 54	LAP 55	LAP 75	LAP 76
Ratio	16.48 - 22.76	19.32 - 23.98	16.09 - 22.3	16.18 - 32.3
Static axle load up to [kN]	280	300	280	340
Dynamic axle load [kN]	125	160	140	170
Max. speed [kph]	40	40	40	40
Parking brake	Optional	Optional	Optional	Optional
Service brake	Optional	Optional	Optional	Optional
Input torque [Nm]	2400	3500	4000	5000
Input RPM	3200	3200	3500	3600
Axle width [mm]	2290 - 2531	2100 - 755	2740 - 2990	2500
Flange-to-flange [mm]	1850 - 2091	1742 - 2285	2362 - 2612	2122
Bolt circle [mm]	335	335	425	425
Drive flange	DIN / MECHANICS / SPICER / in different sizes			
Differential locks	Various solutions available			



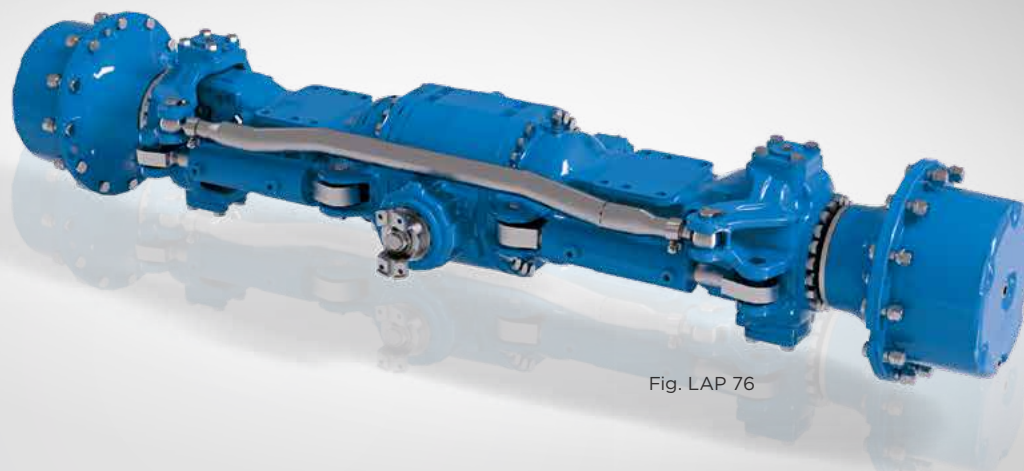
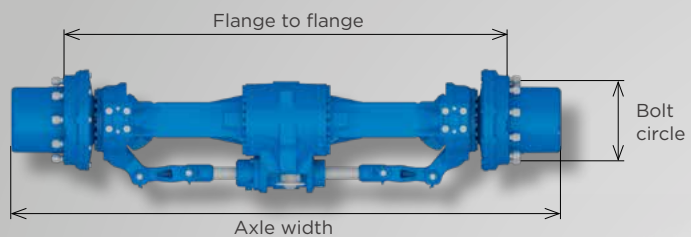


Fig. LAP 76

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Product features:

- > Mounting options: fixed or oscillating
- > High wheel load under static and dynamic working conditions
- > Brake acts directly on the wheel hub, providing high stability during on-site operation

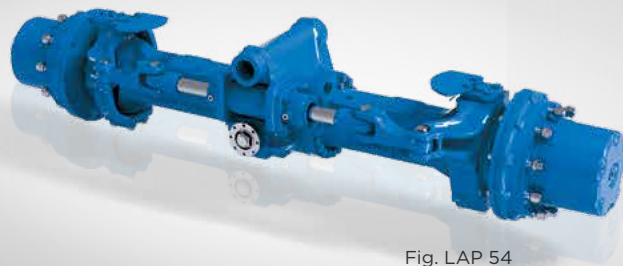


Fig. LAP 54

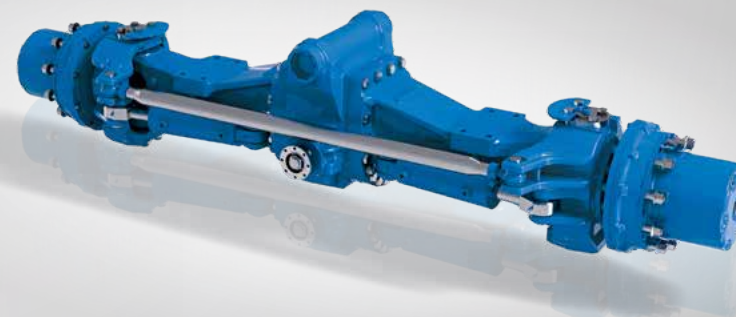


Fig. LAP 55



NAF is the expert for power transmission, traction and load capacity on mobile working machines. Our gears and axles create a substantial competitive advantage in the heavy-duty off-highway industry. As a system partner we have been mastering the tasks of our market-leading customers since 1960 and invest 5% of our annual turnover into research and development.

As our customer you benefit directly from our passion for innovation that guarantees your success.



AT HOME ON **3** CONTINENTS



46

Supplied countries worldwide

620

Employees in total

35.000 m²

of production space in 17 halls

38.000

Components sold each year

15

Patents and
protected innovations

35

Employees working in
R&D/PDP

Headquarters and production

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