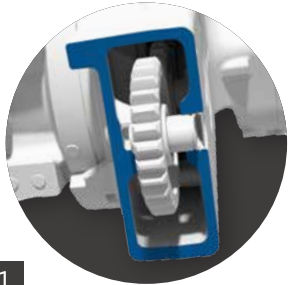


PLANETARY STEERING AXLES



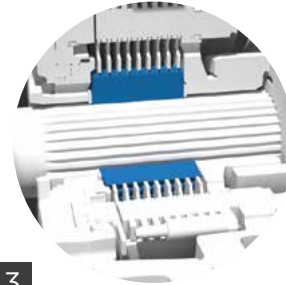
1

CAST DESIGN



2

PATENTED SELF-COOLED
TURBO BRAKE

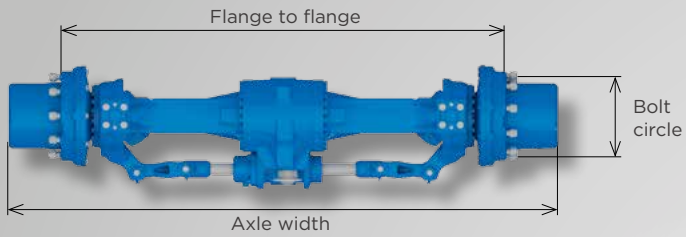


3

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

TYPE	LAP 43	LAP 54	LAP 55	LAP 75	LAP 76
Ratio	17.81-19.95	16.48-22.76	19.32-23.98	16.09-22.3	16.18-32.3
Static axle load up to [kN]	140	280	300	280	340
Dynamic axle load [kN]	70	125	160	140	170
Max. speed [kph]	40	40	40	40	40
Parking brake	Optional	Optional	Optional	Optional	Optional
Service brake	Optional	Optional	Optional	Optional	Optional
Input torque [Nm]	1600	2400	3500	4000	5000
Input RPM	2800	3200	3200	3500	3600
Axle width [mm]	2250-2700	2290-2531	2100-755	2740-2990	2500
Flange-to-flange [mm]	1900-2470	1850-2091	1742-2285	2362-2612	2122
Bolt circle [mm]	275	335	335	425	425
Drive flange	DIN / MECHANICS / SPICER / in different sizes				
Differential locks	Various solutions available				





PLANETARY STEERING AXLES

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

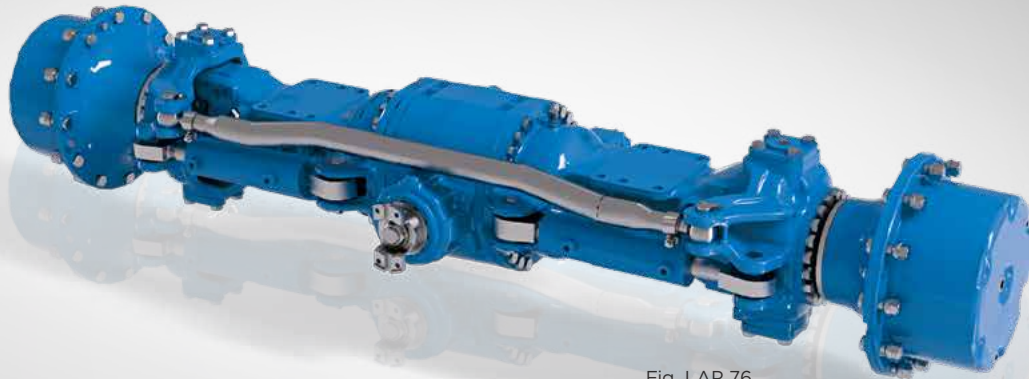


Fig. LAP 76



Fig. LAP 54

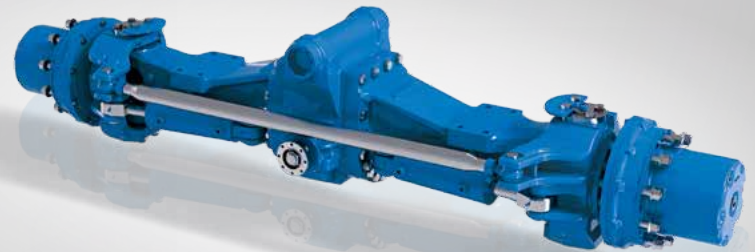


Fig. LAP 55



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

500

Employees in total

30.000 m²

of production space in 17 halls

38.000

Components sold each year

14

Patents and
protected innovations

35

Employees working in
R&D/PDP

Headquarters and production

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