

PLANETARY RIGID AXLES



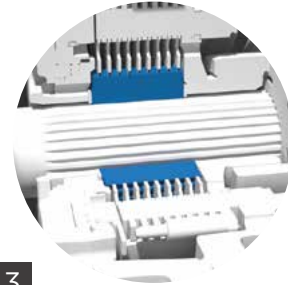
1

CAST DESIGN



2

PATENTED SELF-COOLED
TURBO BRAKE

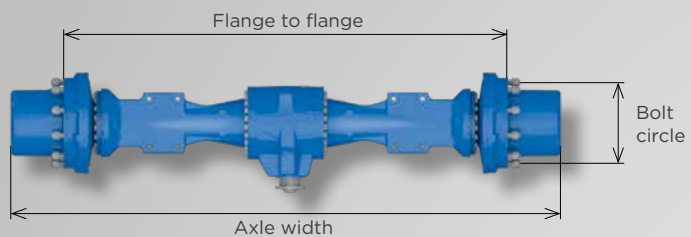


3

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

TYPE	SAP 54	SAP 55	SAP 75	SAP 76	SAP 77	SAP 87	SAP 88	SAP 89
Ratio	16.50 - 25.76	15.29 - 29.32	10.87 - 31.79	11.33 - 34.87	10.87 - 29.39	13.33 - 30.86	16.9 - 23.4	19.38
Static axle load up to [kN]	280	400	440	220	300	340	400	450
Dynamic axle load [kN]	120	200	300	170	180	250	250	300
Max. speed [kph]	40	40	50	55	55	30	60	60
Parking brake	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Service brake	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Input torque [Nm]	2700	3200	3300	4100	5000	6000	6600	7000
Input RPM	3500	3600	3600	3600	3600	3200	4200	3300
Axle width [mm]	2243 - 2530	2100 - 2755	1485 - 2780	2408 - 2850	2408 - 2850	2430 - 3031	3252	2500 - 3300
Flange-to-flange [mm]	1850 - 2090	1742 - 2285	1107 - 2240	2030 - 2424	2028 - 2370	2030 - 2541	2756	2000 - 2800
Bolt circle [mm]	335	335	425	425	425	500	500	500
Drive flange	DIN/ MECHANICS/ SPICER/ in different sizes							
Differential locks	MDDL / NoSpin® / dog clutch / limited slip							





PLANETARY RIGID AXLES

Product features:

- > Modular configuration of track-proven components to meet customer needs
- > Mounting options: fixed or oscillating

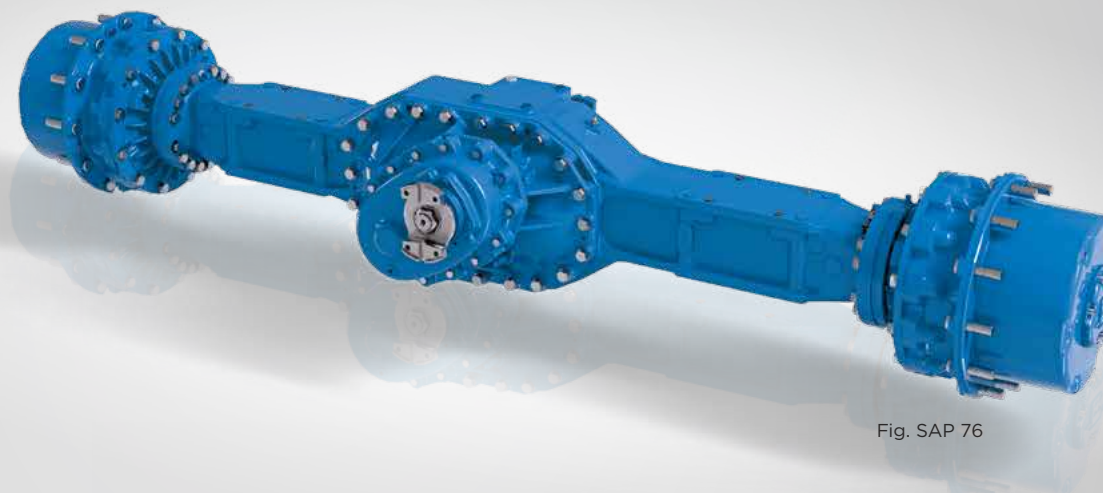


Fig. SAP 76



Fig. SAP 54

Fig. SAP 87



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

NAF Neunkirchener Achsenfabrik AG
Weyhausenstrasse 2
91077 Neunkirchen am Brand
Germany
T: +49 9134 702-0
F: +49 9134 702-640
info@nafaxles.com

For more information about our
branches in North America, France,
Germany (HQ), Russia & China visit:



NAF • MODULAR-MINDED AXLES

NAFAXLES.COM