

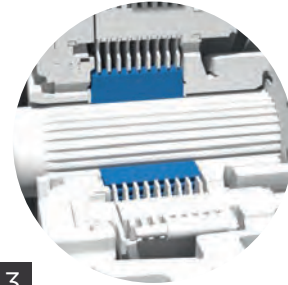
# DIRECTLY DRIVEN PLANETARY RIGID AXLES



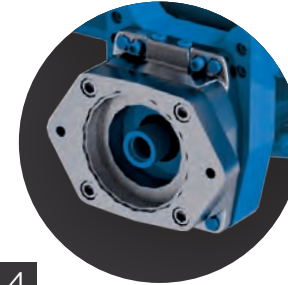
**1**  
CAST DESIGN



**2**  
PATENTED SELF-COOLED  
TURBO BRAKE



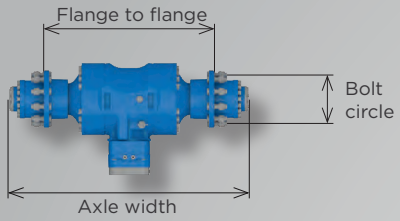
**3**  
DIFFERENTIAL LOCKS  
MDDL  
OR NOSPIN®  
OR DOG CLUTCH  
OR LIMITED SLIP



**4**  
DIRECT MOTOR ATTACHMENT  
WITH GEAR DRIVE

TYPE	SAP 34	SAP 55	SAP 75	SAP 85
Ratio	49.54	23.98	49.48 - 96.35	75.62
Static axle load up to [kN]	310	320	420	579
Dynamic axle load [kN]	260	200	300	579
Max. speed [kph]	6	20	15	8
Parking brake	Optional			
Service brake	Optional			
Max. input torque [Nm]	800	1300	700	360
Input RPM	2000	3400	3500	1780
Axle width [mm]	1123	2570	1485 - 2084	1676
Flange-to-flange [mm]	800	2100	1107 - 1826	1186
Bolt circle [mm]	225	335	425	500
Driven by	Directly attached gearbox/hydrostatic, hydrodynamic or electric driveline			
Differential locks	MDDL/NoSpin®/dog clutch/limited slip			

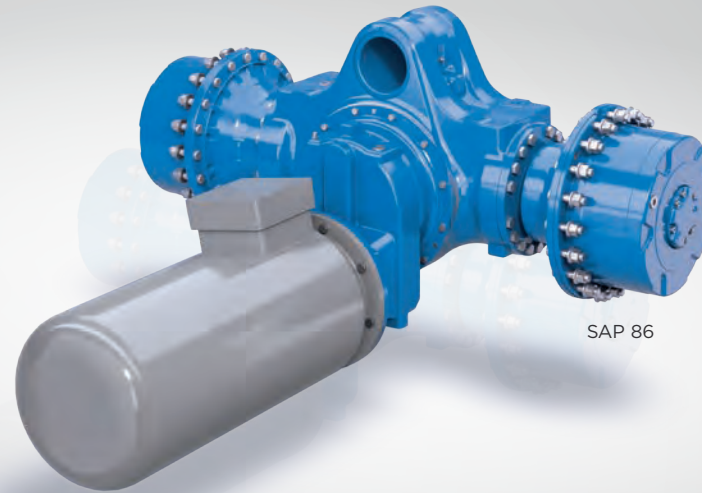




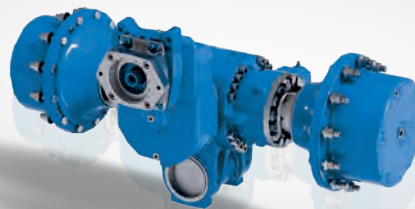
## DIRECTLY DRIVEN PLANETARY RIGID AXLES

### Product features:

- > Very compact design
- > Mounting options: fixed or oscillating
- > Various hydraulic or electric motor sizes and models can be attached



SAP 86



SAP 75



SAP 34



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



**48**

Supplied countries worldwide

**600**

Employees in total

**28.000 m<sup>2</sup>**

of production area

**40.000**

Components sold each year

**18**

Patents and  
protected innovations

**20**

Employees working in  
R&D/PDP

## Headquarters and production

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