

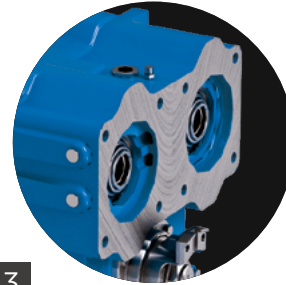
DUAL MOTOR HYDROSTATIC GEARBOX / DualSync®



1
PARKING BRAKE



2
REAR AXLE DISCONNECT



3
DUAL MOTOR DRIVELINE

TYPE	VGZ 75	VGZ 76	VGZ 86	DualSync®
Ratio i1	1.72 - 4.04	3.27 - 4.03	4.35 - 5.02	1.20 - 1.88
Ratio i2	1.33 - 2.36	1.07 - 1.68	1.81 - 2.09	4.00 - 5.92
Parking brake	Optional	Optional	Optional	Optional
Declutch system	Optional	Optional	Optional	Optional
Input torque [Nm]	Max. 2000	Max. 2060	Max. 2200	Max. 1430
Input RPM	Max. 4500	Max. 4500	Max. 4500	Max. 4750
Output torque [Nm]	Max. 6000	Max. 8200	Max. 10500	Max. 8900
Hydraulic motor 1 [max. ccm]	Up to 160	Up to 170	Up to 210	Up to 210
Hydraulic motor 2 [max. ccm]	Up to 160	Up to 170	Up to 210	Up to 210
Output flange	DIN / MECHANICS / SPICER / in different sizes			



VGZ 75 / VGZ 76

Product features:

- > Wide range of standard gearboxes shiftable in standstill
- > Various motor positions possible: side by side, face to face, back to back
- > Various single and two speed ratios available
- > Optional parking brake and rear axle disconnect
- > Well proven and reliable mechanical design

DualSync®

Product features:

- > Different ratios are available for each motor
- > Dual motor gearbox with hydrostatic CVT functionality
- > First motor switches off when reaching its maximum speed
- > Reduced losses and maximised tractive effort
- > 2 operating modes
 - Simultaneous use of both motors for high tractive effort
 - High driving speeds with one motor drive

Advantages of our dual-motor gearboxes:

- > Fuel savings of up to 20 %
- > Jerk-free and precise travel control over the entire speed range
- > Diesel engine operates at most efficient rpm range

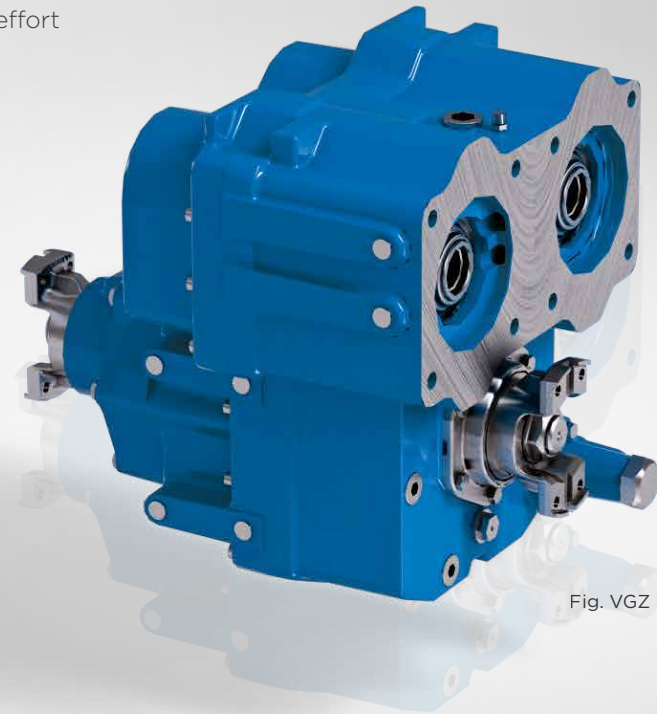


Fig. VGZ 76



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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