



Questionnaire Vehicle Application

SEV-Gearbox

This information sheet must be completed and sent to: powertrain@oberaigner.com

Customer details

Company name	Address
Contact partner	
Email	Telephone number
Project designation	Enquiry date

Application description

Vehicle

Curb weight (kg)	Gross vehicle weight (kg)
Axle weight rating (drive axle) unladen (kg)	Gross axle weight rating (drive axle) (kg)
Maximum speed (km/h)	Maximum speed is electronically limited No / Yes
Technically permissible max. mass of the combination (vehicle + trailer) (kg)	Maximum trailer load (kg)
Standard axle ratio	Optional axle ratios
Tyre rolling circumference (mm) or tyre dimension	

Drive data

Load spectrum (speed, torque, time share) available	No / Yes (attached with enquiry)
Required service life (h)	Required service life (km) Average speed (km/h)
Designation of the drive motor (make, type, inverter, voltage)	
Actual power (at gearbox input) – if power parameters are limited during operation (e.g.: speed), list the actual values	
Peak power (kW)	Continuous power (kW)
Peak torque (Nm)	Continuous torque (Nm)
Peak speed (rpm)	Continuous speed (rpm)

Field of application

Breakdown of road conditions	Gradient range (road shares for total service life)
Road share motorway operation (%)	Gradient range 0% - 6% (e.g. 85%)
Road share rural road operation (%)	Gradient range 6% - 12% (e.g. 14%)
Road share urban operation (%)	Gradient range 12% - 18% (e.g. 0.9%)
Road share off-road operation (%)	Gradient range max. gradient >18% (e.g. 0.1%)
Total (%) 100%	Total (%) 100%
Use with trailer (%)	Maximum gradient (%)

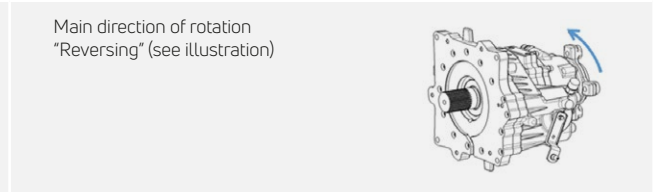
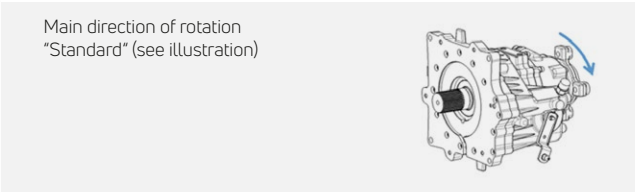
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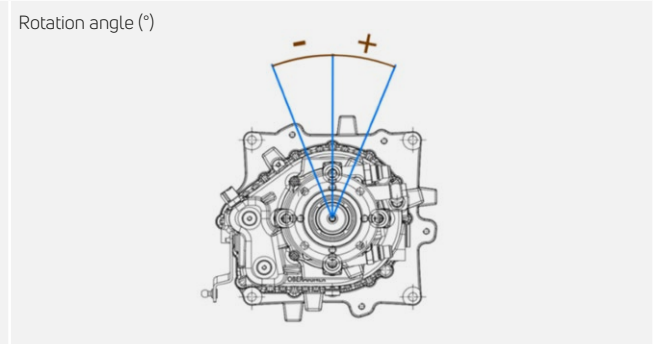
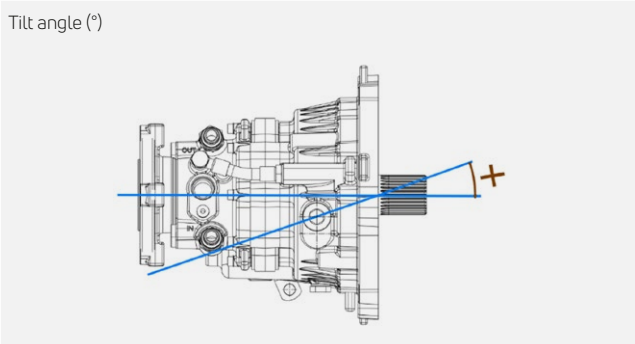
SEV-Gearbox

Main direction of rotation (for driving forwards)



The arrows on the illustrations indicate the main direction of rotation of the gearbox. This is the direction of rotation in which the gearbox must be operated for the majority of the time! (Separate designs are available for different main directions of rotation)

Installation position (zero installation position)



Cooling

Air cooling	Enclosed (no/low circulation)	Airflow (airstream)
Liquid cooling		
Average temperature cooling medium (°C)		Maximum temperature cooling medium (°C)
Volume flow cooling medium (l/min)		

Oiling

The gear oil used corresponds to the specification and quantity in the installation drawing	Yes
The gearbox oil is used within the specified temperature range according to the installation drawing	Yes

Parking lock

The parking lock is used	No /	Yes
The maximum gearbox output torque generated is lower than specified on the installation drawing		Yes

Units per year	Term (years)
Additional information (special regulations: e.g. dangerous goods, special environmental conditions, special requirements, etc.)	

All information and notes, in particular from the operating instructions and installation drawing, must be taken into account and considered authoritative. You can access the latest version of this information and documents at etk.oberaigner.com.

The suitability of the gearbox for the intended field of application must be individually tested and approved (product and system homologation) and shall be the sole responsibility of the manufacturer of the overall system (vehicle manufacturer, vehicle retrofitter, etc.) and not of Oberaigner Powertrain GmbH.

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