

Questionnaire for Vehicles**Contact details:**

Company: _____ Address: _____
Dept.: _____
Person of contact: _____ email: _____
Phone: _____ fax: _____

Vehicle model: _____ Type: _____

Wheels x drive wheels: 4 x 2 6 x 2 4 x 4 6 x 4 6 x 6 8 x 4 8 x 6

**Operating conditions/
traffic type:**

town: ____ % Bus-route: ____ % suburban: ____ % long-distance: ____ % off-road: ____ % building site: ____ %

Operating temperature: Continuous temp.: ____ °C max. temp.: ____ °C min. temp.: ____ °C

Drive machine: diesel engine petrol engine electric motor Type: _____
max. power: kW: ____ rpm: ____ max. torque: Nm: ____ rpm: ____

Coupling: mech. hydr. converter Stall ratio $i_{WF} =$ ____ Stall torque: ____ Nm

Gears: mech. autom. 1st gear $i_{g \max} =$ ____ nth gear $i_{g \min} =$ ____

Transfer box: $t_{\text{vert max}} =$ ____ $t_{\text{vert min}} =$ ____ Moment distribution = FA ____ % / RA ____ % Transfer lock: yes no

Final drive: $i_{\text{axle}} = i_{\text{diff}} \times i_{\text{wheel}}$ $i_{\text{diff}} =$ ____ $i_{\text{wheel}} =$ ____ Differential lock: yes no

Retarder: Type: _____ electric hydraulic primary secondary Braking torque: ____ Nm

Tyres: Type: _____ radius = ____ m coef. of friction $\mu =$ ____

Max. axle load:

Axle weights:

	1 st front axle	2 nd front axle	3 rd front axle
Gross combination weight rating: GCWR: ____ t	FA 1: ____ t	FA 2: ____ t	FA 3: ____ t
	1 st rear axle	2 nd rear axle	3 rd rear axle
Gross vehicle weight rating: GVWR: ____ t	RA 1: ____ t	RA 2: ____ t	RA 3: ____ t

Required lifespan: _____ km Greasable: yes no

Install. dimensions: Length between flanges L: _____ mm Required length extension L₂: _____ mm

Operating deflection angle β : _____ °

Connection flanges: for ISO 7646 for ISO 7647 acc. to ISO 12667

flange-Ø: _____ mm centring-Ø: _____ mm

Screw-holes: number _____ x bore-Ø _____ mm

In addition, we require the following informations:

Arrangement of the propshaft on vehicle (sketch)

Extreme operating conditions L_{max} and β_{\max}

Limitation of rotation-diameter yes no

Load spectrum

Limitations of the propshaft should be illustrated in a sketch.

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