

OEM _____ Date _____
 Project name _____
 Vehicle type _____
 Information furnished by/Title _____
 Telephone _____
 E-Mail _____

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Scope of Supply by Kessler + Co Electric Motor Inverter Drive Control

Drivetrain Layout (Please add sketch) Central Drive Axle Drive Wheel Drive

Number of traction motors per vehicle _____

If related to existing Axle or Transmission proposals Installation drawing: _____

1. Power source/supply

Vehicle System	Diesel Electric	Battery Electric	Fuel Cell
	External Supply	Hybrid	_____
DC Voltage Range	min. DC Voltage without motor power reduction		_____ V _{DC}
	nominal DC Voltage		_____ V _{DC}
	max. DC Voltage at normal driving conditions		_____ V _{DC}
	max. allowed DC link voltage (including error conditions)		_____ V _{DC}
DC Power	at Driving (discharge)	nom. _____ kW	max. _____ kW
	at Recuperation (charge)	nom. _____ kW	max. _____ kW
Battery Energy	_____ kWh		usable: _____ %
Brake Chopper	not intended	intended	_____ kW

2. Load Cycle

Nom. Power/Cont. Power/S1-Power _____ kW per Motor

Short Time Power/S2-Power _____ kW per Motor S2 _____ -min

Required Duration of max. Torque/Tractive Effort _____ s

3. Cooling

Electric Motor:	Water/WEG	Oil	Air
Inverter:	Water/WEG	Oil	Air
Max. Input Temperature of Cooling Medium (at motor/inverter)			_____ °C
Ambient Temperature	min. _____ °C	max. _____ °C	

4. Communication Protocol CANopen J1939 _____

5. Required Functions for Drive Control (e.g. Hillhold, Torque-Vectoring...) _____

6. Requirements for Functional Safety (Product Standards and Safety Functions)

7. Further Remarks and Requirements _____

System Approval by Kessler + Co GmbH & Co. KG

For Execution due to Inst. drawing	_____	Date	_____
	_____	Date	_____
	_____	Date	_____

Signed, Date _____

The recommended drive system and components for the particular application described, indicated by the drawing-no. and document-no., are based on the specifications and data supplied by the OEM. Although Kessler + Co has approved the above mentioned components the OEM has superior knowledge concerning its products and the circumstances under which its products will be utilized. **The OEM, therefore, must give Kessler proof that they did the appropriate vehicle testing, before Kessler will approve the particular volume production.**

