

Drive Wheel Unit Inquiry Form

Company:		Contact Person:	
Country:		E-mail:	
Telephone:		Date:	
Project name:		Project release:	

Traction Motor in Wheel Unit

Vehicle Data:

Vehicle Type: _____

Number of drives per vehicle: _____

Gearbox ratio: _____

Diameter of the traction wheel: _____

Steerable drive: ☐ Yes ☐ No

Ambient Temperature: Min _____ °C Max _____ °C

Humidity level: _____ % Describe the floor: _____

Voltage: _____ V

Traction Motor: ☐ DC ☐ AC ☐ PMAC Steering Motor: ☐ DC ☐ AC ☐ PMAC

	Vehicle Only	Vehicle + Load
Vehicle weight:	Kg	Kg
Max Radial Wheel Load:	Kg	Kg
Gradient:	%	%
Vehicle speed on flat:	Km/h	Km/h
Vehicle speed on slope:	Km/h	Km/h
Duty cycle:	☐ S1 S2: _____ S3: _____	☐ S1 S2: _____ S3: _____

☐ Horizontal

☐ Without steering system

☐ With electrical steering set



☐ Vertical

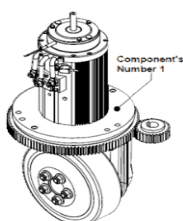
☐ Steering by tiller hand

☐ With electrical Steering set

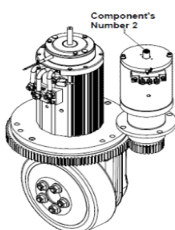


1	Drive wheel base
2	Model 1 + steering gear motor
3	Model 2 + Encoder gear
4	Model 3 + Plate

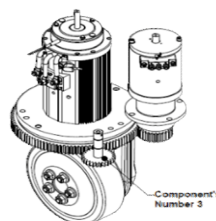
☐ 1



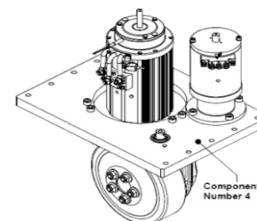
☐ 2



☐ 3

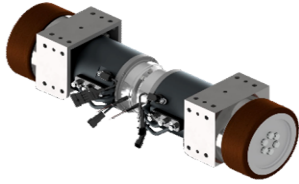


☐ 4

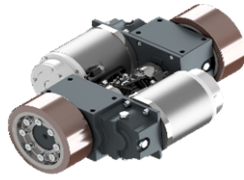


☐ **Dual Drive**

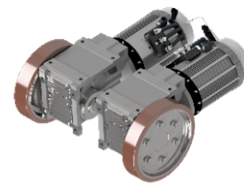
☐ In line gearbox



☐ Parallel shaft gearbox



☐ Ortogonal gearbox



☐ **Thermal sensor**

☐ 110°C normal closed

☐ Analogic Thermal sensor STS1 U129

☐ Forced Ventilation

☐ Brush detectable wear system

☐ Steering limit switch $\pm 100^\circ$

Encoder

☐ **With high resolution encoder on the traction system**

☐ Incremental

N° of pulse per revolution: _____ ppr

Voltage: _____

☐ 5V

☐ 9-30V

Operating temperature: _____ °C

Output signal: _____

☐ TTL

☐ HTL

With: _____

☐ Connector

☐ Cable

☐ Absolute

Resolution: _____ bit

Serial: _____

☐ SSI

☐ EnDat2.2

With: _____

☐ Connector

☐ Cable

Fieldbus: _____

☐ Profibus

☐ Profinet

☐ CANopen

☐ DeviceNet

With: _____

☐ Connector

☐ Cable

☐ **Just prepared for the high resolution encoder**

Shaft's lenght: _____ mm

Shaft's diameter: _____ mm

Thread holes:

Type: _____ (M)

Holes's number _____

on diameter _____ mm

☐ **With high resolution encoder on the steering system**

☐ Incremental

N° of pulse per revolution: _____ ppr

Voltage: _____

☐ 5V

☐ 9-30V

Operating temperature: _____ °C

Output signal: _____

☐ TTL

☐ HTL

With: _____

☐ Connector

☐ Cable

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