

## PROJECT QUESTIONNAIRE

Customer:

Date:

Vehicle manufacturer:

Contact person:

Vehicle identification:

### General information about the vehicle

Field of application:

other:

Drive train system:

other:

#### Required deceleration / slope

#### Permissible operating forces

Service brake: m/s<sup>2</sup>

Permissible hand brake force: N

Parking brake: %

Permissible pedal force: N

Auxillary brake: m/s<sup>2</sup>

Or according to acceptance of:

### Information about operating medium for drum brakes / disc brakes

Actuation medium:

other:

Description

other:

### Information about the axle oil / transmission oil for multi disc brakes

Description of hydraulic oil:

#### Calculated maximum pressure:

Hydraulic pressure: bar

Pneumatic pressure: bar

### General information for brake calculation or selection

#### Technical information about the vehicle:

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Gross vehicle weight:	kg	kg
Axle load 1st axle:	kg	kg
Axle load 2nd axle:	kg	kg
Axle load 3rd axle:	kg	kg
Axle load 4th axle:	kg	kg
Top speed:	km/h	km/h
Rolling resistance:	m/s <sup>2</sup>	m/s <sup>2</sup>
Wheelbase 1st - 2nd axle:	mm	
Wheelbase 2nd - 3rd axle:	mm	
Wheelbase 3rd - 4th axle:	mm	
height of center of gravity:	mm	mm
Center of gravity distance to 1st axle:	mm	mm

## PROJECT QUESTIONNAIRE

### General information for brake calculation or selection

	1st axle	2nd axle	3rd axle	4th axle
Wheel size:				
Dynamic tire radius:				
Max. drum diameter / brake disk diameter				

**Number of brakes**

Service brake (quantity):  
 Parking brake:  
 Auxiliary brake:

Type of application	Brake type	Type of actuation	Actuating system
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Service brake:  
 Parking brake:  
 Auxiliary brake:

Ratio	Efficiency
Wheel : Service brake 1:	Actuation system (%):
Wheel : Parking brake 1:	
Wheel : Auxiliary brake 1:	
Hand brake lever : Brake 1:	

### Extraordinary requirements for the braking system

yes / no

Braking with contious direction reversal?  
 Steering brake necessary?  
 Wading and fording missions?  
 Other operations?

Comments:

### Sales information (required information)

yes / no

New project ?  
 Project designation:

<b>Expected demand:</b>	quantity	scheduled delivery date
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Prototypes:  
 Pilot series:  
 Series (anual quantity):  
 Total (quantity of contract):