Questionnaire for selecting Brake Calipers

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Company: ..... Department: .....

Address: ..... Name: .....

..... Enquiry Ref.: .....

Phone: ..... Date: .....

Fax: ..... E-mail: .....

1. Application ☐ Stopping brake ☐ Control brake ☐ Holding brake

2. Function

Activation:	Release:	Existing pressure:
○ spring	○ pneumatically ○ hydraulically ○ electromagnetically ○ manually with Pull Cable	_____ bar _____ bar
○ pneumatically	○ spring	_____ bar
○ hydraulically	○ spring ○ non-releasing	_____ bar
○ manually with threaded spindle ○ manually with Pull Cable	○ manually with threaded spindle ○ manually with Pull Cable	

3. Friction block wear

Adjustment of brake: ○ Automatic ○ Manual

Control required? ○ Yes ○ No

4. The following safety rules must be observed .....

.....

.....

5. Type of machine .....

.....

6. Part to be braked .....

.....

7. Technical Data

Stopping brake:

Required braking torque		_____ Nm
Required braking time		_____ s
Reduced mass inertia moment to be braked		_____ kgm²
Weight of linear masses to be braked		_____ kg
Transmission up to brake shaft	i	_____
Driving speed	v	_____ m/s
Chassis wheel diameter	D_R	_____ mm
Angle of inclination	γ	_____ °
Speed before braking	n_1	_____ min⁻¹
Speed after braking	n_2	_____ min⁻¹
Idling speed	n	_____ min⁻¹
Braking cycles per hour	z	_____ h⁻¹

Control brake:

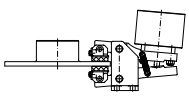
Tension on winding material	F_S	_____ N
Speed of material	v	_____ m/s
Max. winding diameter	d_a	_____ m
Min. winding diameter	d_i	_____ m
Length of feed reels	L	_____ m
Material to be wound		_____
		_____
		_____
Duration of operation	t	_____ s

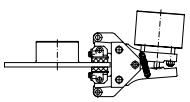
Holding brake:

Holding brake _____ Nm

Please note the information given under braking torques and parking torques on page 132.

8. Mounting of brake to the machine

○ Parallel to brake disc 

○ Right-angled to brake disc 

9. Brake disc

Required disc diameter _____ mm

Max. permissible disc diameter _____ mm

○ Form F, without bore or roughbored

○ Form F, with bore d_F^{H7} _____ mm

○ Form B, without bore or roughbored

○ Form B, with bore d_B^{H7} with keyway _____ mm

○ Form S with Shrink Disc RLK 608 for clamping diameter d_S _____ mm

10. Installation conditions Ambient temperature from ____ ° C to ____ ° C Other information (e. g. special ambient conditions) _____

11. Estimated requirement _____ pieces (one off application) _____ pieces/month _____ pieces/year