

## SAFETY BRAKES INQUIRY FORM

### Instruction on the sending of the form

The following form can be filled out and sent in 2 ways:

1. Fill out and transfer electronically  
Please fill in the PDF form in Adobe Acrobat or [Acrobat Reader](#), then click „Submit Form” (for the English version of the program) in the upper right hand corner of the application. Then, a mail application will open, where the completed form will be sent via e-mail to Rialex Crane Systems.
2. Fill out electronically or manually and send by fax  
Please fill in the PDF form either in Adobe Acrobat or [Acrobat Reader](#), save and print. You can also print a blank form and fill it out by hand. The finished document, should be sent by fax to the Rialex Crane Systems address. Current contact information can be found on the [www.rialex.pl](http://www.rialex.pl) website.

### How to fill out the form?

Please complete the form as accurately as possible. After completing the form please check if the correct data was provided for the product requested, and make sure your contact details are correct. Thus, we can send you an offer sooner.

### Rialex Crane Systems

ul. Ossowskiego 55  
46-203 Kluczbork  
Poland

Tel. +48 77 418 31 99  
Tel. +48 77 418 23 18  
Tel. +48 77 418 24 21  
Tel. +48 77 418 19 35  
Tel./Fax +48 77 418 12 97

### Registration information

Przedsiębiorstwo Usług  
Inżynierskich Rialex Sp. z o.o.  
ul. Ossowskiego 55  
46-203 Kluczbork  
Poland

Taxpayer Identification Number  
751 000 17 98  
State Statistical Number  
530576014

Company registered in  
District Court in Opole,  
VIII Commercial Division  
of the National Court Registry  
under No. 0000155265

### Initial capital

240 000 PLN

### Bank account

BZ WBK S.A. O/Kluczbork  
49 1090 2170 0000 0005 6400 1391

### Management board

Adam Byczyński  
President of the  
Management Board

Krzysztof Kotowski  
Vice-President of the  
Management Board

Form

Please complete the following information about your device, so that we can prepare the appropriate calculations and offer:

Data:	
Diameter of the rope drum	$d_T = \dots\dots\dots$ m
Weight	$m_1 = \dots\dots\dots$ kg
Lifting capacity	$m_2 = \dots\dots\dots$ kg
Lifting speed	$v_H = \dots\dots\dots$ m/min
Braking time n1 ... n2 *	$t_B = \dots\dots\dots$ s
Torque during braking start point	$n_1 = \dots\dots\dots$ min <sup>-1</sup>
	$n_2 = \dots\dots\dots$ min <sup>-1</sup>
Required safety coefficient, if the braking time was not specified (tB)	$n_{Br} = \dots\dots\dots$
Motor power rating	$P_N = \dots\dots\dots$ kW
Number of motors	$x_M = \dots\dots\dots$
Inertia moment reduced on the shaft *	
■ on the discs and clutch	$J_B = \dots\dots\dots$ kg m <sup>2</sup>
■ on the rotor	$J_M = \dots\dots\dots$ kg m <sup>2</sup>
■ on the gearbox	$J_G = \dots\dots\dots$ kg m <sup>2</sup>
■ on the rope drum	$J_{Str} = \dots\dots\dots$ kg m <sup>2</sup>
Operating temperature	$J_2 = \dots\dots\dots$ °C
ED load	ED = $\dots\dots\dots$ %
Number of halts (total)	$z_{Brem} = \dots\dots\dots$
incl. lifting from	$z_e = \dots\dots\dots$

Gearbox mechanical efficiency coefficient (gearbox, cable drum, guiding rollers)	$h_G = \dots\dots\dots$
Gear transmission	$i_G = \dots\dots\dots$
Compound pulley efficiency	$h_F = \dots\dots\dots$
Compound pulley transmission	$i_F = \dots\dots\dots$
Number of gearboxes	$x_G = \dots\dots\dots$
Number of cable drums	$x_{Str} = \dots\dots\dots$

\* Fill out, in case the value has already been set

Click to load a sketch

If possible, please attach a sketch of the mechanism

### Notes and additional requirements

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### Contact details

Name and surname:	.....	Address:	.....
Position:	.....		.....
Company:	.....		.....
Phone:	.....		.....
Fax:	.....		.....
e-mail:	.....		.....