

# Questionnaire for RINGSPANN Tru-Line Flange-Couplings RFK

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**EDMAYR**  
ANTRIEBSTECHNIK

Please photocopy or use the PDF-File from our website!

Company: .....	Department: .....
Address: .....	Name: .....
.....	Enquiry Ref.: .....
Phone: .....	Date: .....
Fax: .....	E-mail: .....

## 1. Where will the Tru-Line Flange-Couplings be used?

1.1 Type of machine, machine group or installation:

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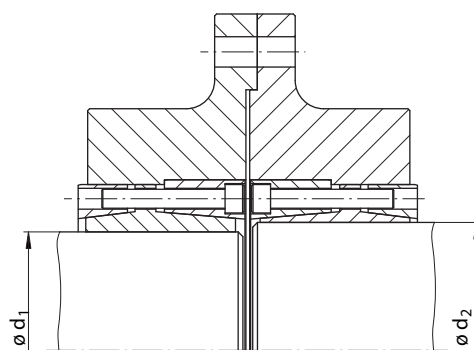
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1.2 Drawing of the coupling with dimensions of journals of the shafts



## 2. Operating data

Drive power	$P_n$ .....	[kW]	Temperature range	from .....	[°C]
Max. shaft speed	$n_M$ .....	[min <sup>-1</sup> ]		to .....	[°C]
Nominal torque	$M_N$ .....	[Nm]	Max. bending moment	$M_b$ .....	[Nm]
Max. torque	$M_{max}$ .....	[Nm]	Max. radial force	$F_{rad}$ .....	[N]
Minimum safety factor	$S_{min}$ .....	[1]	Max. axial force	$F_{ax}$ .....	[N]
Installation conditions	<input type="checkbox"/> Outside <input type="checkbox"/> In a closed room				

## 3. Dimensions

### Shaft 1/Flange 1

Shaft diameter  $d_1$  ..... [mm]  
 Shaft material .....  
 Shaft tolerance  $T_{1W}$  ..... [mm]  
 Average surface roughness  $R_{z1}$  ..... [μm]

### Shaft 2/Flange 2

Shaft diameter  $d_2$  ..... [mm]  
 Shaft material .....  
 Shaft tolerance  $T_{2W}$  ..... [mm]  
 Average surface roughness  $R_{z2}$  ..... [μm]

## 4. Estimated requirements

..... Pieces (one-off)      ..... Pieces/month      ..... Pieces/year

## 5. Enclosures

☐ Specifications     
 ☐ Data sheet     
 ☐ Sketch/drawing

# Questionnaire for RINGSPANN

## Tru-Line Flange-Couplings RFK

To be filled out in addition when using motor gear unit on rocker

Please photocopy or use the PDF-File from our website!

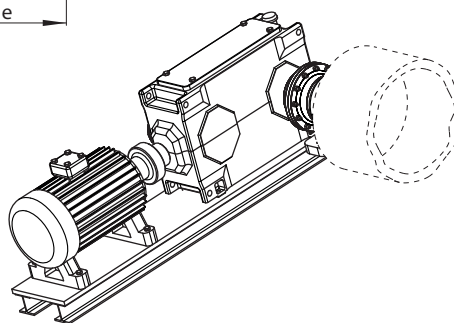
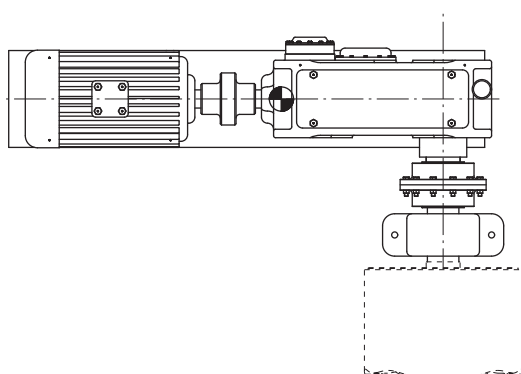
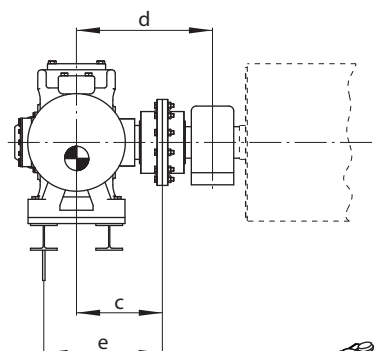
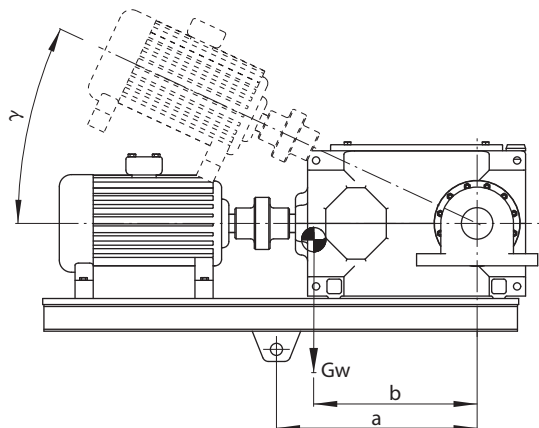
Company: .....  
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Tru-Line Flange-Couplings RFK are primarily used in conveyor systems where the drive unit is compactly arranged on a rocker with a torque support or similar mechanisms. Here, bending moments are applied in the shafts on

both sides of the Tru-Line Flange-Coupling. These are caused by the reaction force of the drive torque in the torque support and the weight of the rocker. In order to avoid fatigue failures of these shafts, a suitable verification

calculation is to be performed, in accordance for example with the state of the art of DIN 743, 2012 edition. We will be happy to assist you with this, but we do need the questionnaire to be filled out completely first.



### 2.1 Addition to operating data

If the installation conditions are different, please send us a description and drawing. We will be happy to look at these and make suggestions.

### 3.1 Addition to dimensions

Distance to the torque support a \_\_\_\_\_ [mm]  
e \_\_\_\_\_ [mm]  
Distance to the bearing d \_\_\_\_\_ [mm]

Distance to the centre of gravity b \_\_\_\_\_ [mm]  
c \_\_\_\_\_ [mm]

Angle  $\gamma$  \_\_\_\_\_ [°]  
Total weight  $G_w$  \_\_\_\_\_ [kg]