

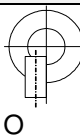
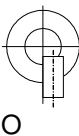
**CYLKRO® FACE GEAR REQUEST FORM:**

**DESIGN AND CALCULATION CRITERIA FOR CUSTOMER SPECIFIC GEAR DESIGN**

In order to process your request smoothly, we kindly ask you to complete as much as possible. Please do not hesitate to contact us for support: +41 26 492 99 11

Company/ Branch	_____
Name:	_____
E-Mail	_____
# face gear sets:	_____
Date:	_____
Order Number	CP _____

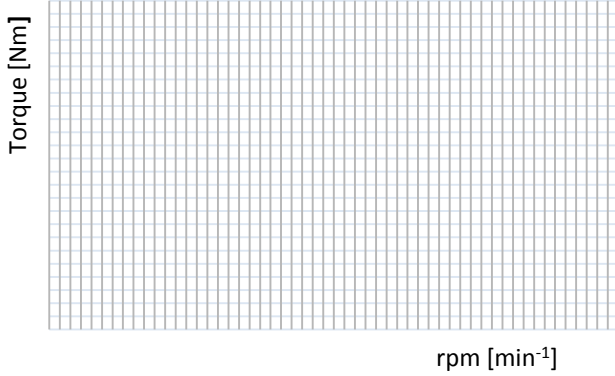
**DESIGN DATA**

			PINION		GEAR WHEEL
Nominal power	$P_{nom}$	[kW]			
Nominal torque	$T_{nom}$	[Nm]			
rpm	$n$	$[\text{min}^{-1}]$			
Gear ratio	$i$	[-]	$(z_1)$	$(i)$	$(z_2)$
Deviation from gear ratio	$\Delta i$	[%]			
Achswinkel	$\Sigma$	[°]			
Off – set	$a$	[mm]			
Maximum outside diameter	$d_a$	[mm]		O	O
Preferred material	-	[-]			

Turning direction changes		yes / no	
Pinion		driving / driven	
External load on shaft <sup>1)</sup>		no / yes	
Arrangement of bearings (pinions / gear wheel)		one- /two-sided	
Driving motor (e.g. E – Motor)			
Proportionate operation time	$E_d$	[%]	
Environmental conditions (e.g. Sea – wather)			
Shocks		no / yes	
Preferred lubrication		no / yes	
If oil			
ISO VG – class			
Avarage operation temperature		[°C]	
Temperature scope		[°C]	
Ways of lubrication to be respected		no /yes	

NECESSARY DATA FOR LOAD BEARING CALCULATION ACCORDING TO ISO 6336 / DIN 390:

**Characteristic of driving motor**



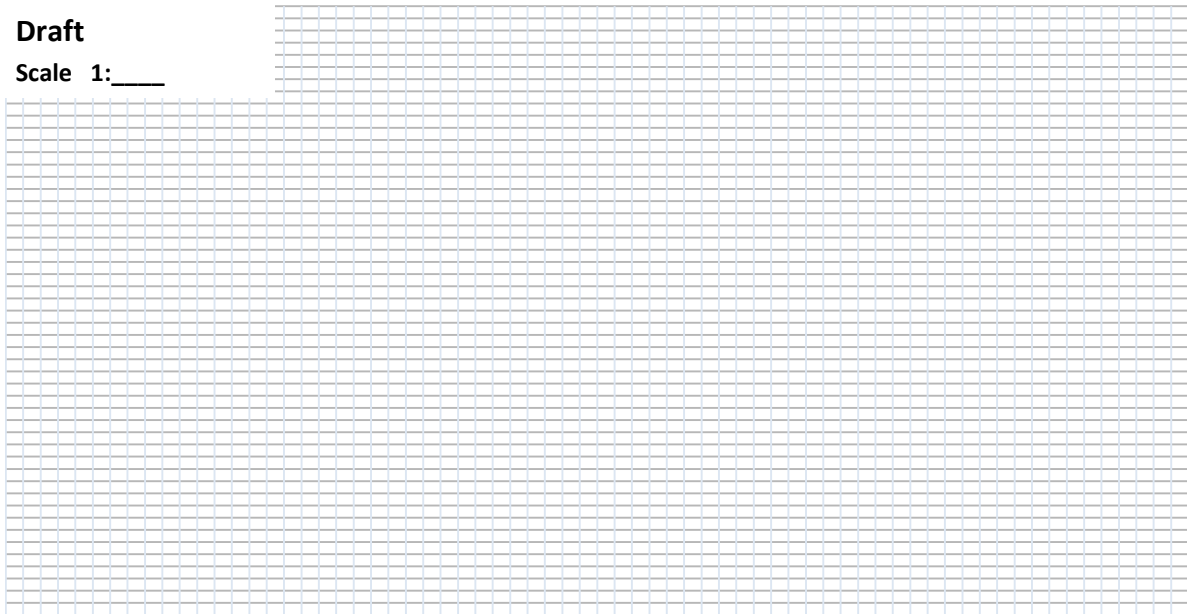
Application factor <sup>2)</sup>	$K_A$	[-]	<input type="text"/>
Safety factor for bending stress <sup>2)</sup>	$S_{F-min}$	[-]	<input type="text"/>
Safety factor for pitting <sup>2)</sup>	$S_{H-min}$	[-]	<input type="text"/>
Expected service life	$L_h$	[h]	<input type="text"/>

1) In case to be drawn in draft

2) Only to be filled in if known

**Draft**

Scale 1: \_\_\_\_\_



Drawings enclosed  no / yes

Drawings with the number(s)

Special demands concerning the application:

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Extra remarks:

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