INDIVIDUALITÄT
PRÄZISION
QUALITÄT

GSC Schwörer GmbH • Antriebstechnik • D-79871 Eisenbach

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GSC Schwörer GmbH
Antriebstechnik
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Inquiry for gearboxes	
Datum:	28.05.2004

Inquiry for gearboxes

Thank you very much for your interest in our products and services. You may use this form to place an inquiry for customised geraboxes. According to the supplied information we will generate an uncommittend offer for you.

Please take your time an try to fill out the form completely and correctly. Only by receiving specific data we can generate a qualified offer.

Afterwards we would be glad to receive your inquiry by mail or by fax. Our sales department will process your inquiry as soon as possible and contact you in time.

Please include technical drawings if possible. We also accept sample gearboxes if available.

1. General Information

Company	
Address	
City	
Zip-Code / Region	
Country Code	

Fon	
Fax	
E-Mail	
Internet	

Industrial Sector	
Number of Employees	

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2. Contact Persons

Name	Position	Fon	Fax	@Mail

3. Function and Type of Gearbox

Description of Geabox Function	

Type of Gearbox	☐ planetary	☐ worm
	☐ bevel	☐ spur
	☐ other, please specify :	
	☐ by choice of manufacturer	

Motivation for Inquiry	☐ new development
	☐ revision of an existing concept as additional version
	☐ revision of an existing concept as reinforced version
	☐ revision of an existing concept with additional functions
	☐ revision of an existing concept for cost reduction

4. Gearbox Specifications

4a. Technical Data

Nominal Torque	$M_{2,nom}$	(Nm)	
Maximum Torque	$M_{2,max}$	(Nm)	
Nominal Revolution	$n_{2,nom}$	(1/min)	

Ratio	i	(1)	value:
	☐ exact mathematical		
	☐ with tolerance :	±	(%)

Emergency-Stop-Torque Required	(Nm)	
Fractur Torque Required	(Nm)	
Self-Locking Required	☐ ja ☐ nein	
Efficiency Required	(%)	
Forces on Output Shaft	☐ radial force value (N) : position[1]:	
	☐ axial force value (N): position[1]:	
Rotational Direction of Output Shaft	☐ counterrotating to input shaft ☐ parallel to input shaft	

[1] Please include a drawing or a sketch if possible !!

4b. Geometrical Data

Construcion Volume Available	☐ cubic H x B x L (mm) :
	☐ cylindrical D x L (mm) :

Position of Input and Output Shaft to each other	☐ coaxial
	☐ parallel with distance (mm) :
	☐ crossed with angle (°) :
	☐ skew with distance (mm) : angle (°) :

Rotational Direction in View of Output Shaft	☐ clockwise ☐ counterclockwise ☐ alternating

Position of Installation	☐ horizontal
	☐ vertikal, shaft downwards
	☐ vertikal, shaft upwards
	☐ other :

4c. Additional Data

Operating Time Required	(h)	
Acoustic Pressure Max.	(dB(A))	
Temperature Max.	(°C)	
Weight Max.	(kg)	
Protection Required		
Lubrication	☐ lifetime grease lubrication ☐ oil lubrication	

Backlash	allowable tooth flank backlash between input and output		
	☐	(arcmin)	value:
	☐	(°)	value:

5. Betriebsfaktoren

Operation Mode	☐S1 ☐S2 ☐S3 with : % ED	
Start-Ups / Day		
Acceleration Time	(s)	
Braking Time	(s)	
Operation Time / Day	(h)	with : % clockwise ; % counterclockwise
Amount of Impacts / Day		
Estimated Overall Lifetime	(h)	

6. Spezifikation der Antriebsseite des Getriebes

Type of Main Engine			
Manufacturers Description of Type			
Model	☐B3 ☐B5 ☐B14		
	☐other:		
Rotational Direction in View of Output Shaft	☐ clockwise ☐ counterclockwise ☐alternating		
Nominal Torque	$M_{1,nom}$	(Nm)	
Maximum Torque	$M_{1,max}$	(Nm)	
Nominal Revolution	$n_{1,nom}$	(1/min)	
Maximum Revolution	$n_{1,max}$	(1/min)	
Power	P	(kW)	
Voltage	U	(V)	
Frequenzy	f	(Hz)	

Type of Connection	☐clutch ☐clamping set ☐parallel key

Other Requirements	

7. Mounting on Work Machine

Torque Transmission to Work Machine	☐ clutch	☐ belt-drive gearbox	☐ spur gear stage
	☐ chain wheel gearbox	☐ other:	

Description of Mounting Situation	

8. Environment Conditions

Temperature	☐	(°C)	Wert :
Dust	☐		
Dirt	☐		
Shower Water	☐		
Acid	☐		
Steam	☐		
Oil	☐		
Other			

9. Special Regulations, Standards, Guidelines

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10. Other Requirements

11. Basic Economic / Time Conditions

Required Quantity[2]	amount : pcs. ☐ per year ☐ once

		quantity required pcs.	*lot size on call pcs.*	*target price €/piece*
Options				
	1			
	2			
	3			
	4			

Guiding Price until	date	
Blueprint Offer until	date	
Sample Gears until	date	
Zero Series until	date	
Start of Production	date	

Remarks	

[2] Please mind that it is not possible to create a qualified order without indication of the required quantities!!

12. Attachments

Drawings	☐ amount:	drawing numbers:
Sample Gearboxes	☐ amount:	

Declaration on data protection:

All supplied data from within this inquiry form will be treated with respect to the general rules of data protection. The data will only be used for internal purposes concerning the pre-calculation of the GSC Schwörer GmbH. The data will at no time be accessible for any third-party..

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Name in block letters Signature Date