

PRODUCT SPECIFICATION

Inquiry Form



COMPANY FACTS

company	
address	
website	

PROJECT FACTS

projekt name	
contact person	
phone	
function/capacity	
email	

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1. description of the application

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2. performance data

duty cycle			
starts/hour			
operating time/day			
rotational direction under load		cw	both directions
		ccw	slewing mode _____ °
transmission ratio i	_____ mathematical exact ratio required		

LOADLEVEL		1	2	3	4	5
input speed	n_1 [min ⁻¹]					
output speed	n_2 [min ⁻¹]					
output torque	T_2 [Nm]					
input power	P_1 [kW]					
time slice	t []					
rotational direction	[cw/ccw]					

required life-time L_h	_____ in h
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PRODUCT SPECIFICATION Inquiry Form



3. further requirements

self-locking required	no	static	dynamic
noise requirements	none	max. _____ dB(A)	
backlash	standard	max. _____ °	adjustable
particular standards/guidelines/ regulations the gear has to comply			
other requirements			

4. operating conditions

installation position	vertical output		horizontal output			
	Betriebslagen					
	B3	B3I	B8	B6	V5	V5II
						
output torque	even, no impacts ($\Delta T = 10\%$), small masses to be accelerated					
	uneven, medium impacts ($\Delta T = 25\%$), larger masses to be accelerated mass moment of inertia $J =$ _____ kg m^2					
	very uneven, heavy impacts ($\Delta T = 50\%$), huge masses to be accelerated mass moment of inertia $J =$ _____ kg m^2					
additional forces	output	axial $F_{A2} =$ _____ N		radial $F_{R2} =$ _____ N		
	input	axial $F_{A1} =$ _____ N		radial $F_{R1} =$ _____ N		
	point of effect	$\beta_1 =$ _____ °		$\alpha_1 =$ _____ °		
	$\beta_2 =$ _____ °		$\alpha_2 =$ _____ °			

PRODUCT SPECIFICATION Inquiry Form



5. ambient conditions			
outdoor/open air installation	no	yes	
ambient temperature	_____ °C to _____ °C		
humidity	normal	increased _____ %	
protection against splash water	no	yes	
contact with chemicals	no	yes	
contact with foods	no	yes	
increased dust appearance	no	yes	
explosion-proof required	no	yes	
		equipment group: _____ category: _____	
		zone: _____ temperature class: _____	
other			

PRODUCT SPECIFICATION Inquiry Form



6. equipment / connecting dimensions / installation space

input shaft	solid shaft		with feather key groove	
			with splines	
			other: _____	
	hollow shaft with feather key groove			
2nd shaft extension				
output shaft	hollow shaft		with feather key groove	
			with splines	
			other: _____	
	solid shaft		with feather key groove	
		with splines		
		other: _____		
2nd shaft extension				
gearbox mounting by	flange	base(plate)	torque arm	other: _____
input flange	no	yes	IEC size: _____	
			NEMA size: _____	
			other: _____	
output flange	no	yes		
friction / safety / overload clutch	no	yes		
end stop	no	yes		
allowable cooling system (if necessary)	passive fan	active fan	external cooling circuit	
oil level sensor	no	yes		
brake	no	yes		
encoder	no	yes		
installation space restrictions	no	yes		
other				

PRODUCT SPECIFICATION Inquiry Form



7. painting						
corrosivity category	C1	C2	C3	C4	C5-I	C5-M
protection period	2 – 5 years		5 – 15 years		> 15 years	
top coat	no		standard silver grey		RAL _____	

8. scope of delivery			
instruction manual	german / english		language(s): _____
certificates	none	certificate of compliance with the order 2.1	
		test report 2.2	
		inspection certificate 3.1	
		inspection certificate 3.2 – external certifier:	
		ABS	DNV
	Germanischer Lloyd	TÜV	
	content / scope of inspection:		_____
other			

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9. further information

A large, empty rectangular area with a light blue gradient background, intended for providing further information.

Please use the send function in this pdf-document or send the completed inquiry form to:
inquiries.driv@auma.com