



S.C. SIRCA s.a.  
 610202 PIATRA NEAMT - ROMANIA  
 str Dumbravei nr 6 B,  
 Tel. +40 233 210583/210523/232380  
 Fax +40 233 232375  
 E-mail: export@sirca.com.ro  
 www.sirca.com.ro

Date : \_\_\_\_\_

### 4 point contact bearing technical questionnaire

Company	_____
E-mail:	_____
Tel.	_____
Fax.	_____

Application	
New application ? <input type="radio"/> Yes <input type="radio"/> No Existent solution : _____ _____ _____	Usage typology * Other application type _____ <input type="radio"/> Aerial platform <input type="radio"/> Excavator <input type="radio"/> Crane <input type="radio"/> with SR at the base <input type="radio"/> with SR at the tower <input type="radio"/> Solar tracker <input type="radio"/> Wind turbine

\* for these applications a special form is needed

Rotational axle position <input type="radio"/> Vertical <input type="radio"/> Other _____° <input type="radio"/> Horizontal	Load type <input type="radio"/> Axial Load - compression <input type="radio"/> Axial Load - traction	Constant rotation Number of working rotation (SR) _____ Number of working rotation (max) _____
Working temperature, °C Minimum _____ Maximum _____	Lubrication type <input type="radio"/> Oli <input type="radio"/> Grease	Rotation with break Angular accelerations _____ Acceleration time _____

Gear:		Whell	Pinion	Measure Unit
<input type="radio"/> Without <input type="radio"/> Internal <input type="radio"/> External				
Module m				
Teeth number				
Teeth length				
Correction factor x				
Wheelbase				
Maximum tangential force Ft, KN				

Other data	
Are there vibrations or shocks ?	<input type="radio"/> Si <input type="radio"/> No
Oscilating rotations ?	<input type="radio"/> Si <input type="radio"/> No
Life time, in years :	_____
Daily working hours :	_____
Athmosferic parameters	
Wind speed, Km/h	_____
Humidity	<input type="radio"/> Si <input type="radio"/> No
Saline zones	<input type="radio"/> Si <input type="radio"/> No

Load conditions	Working load		Testing load	Other cases				
	Normal	Maximum		Test 1	Test 2	Test 3	Test 4	Test 5
Axial Load Fa, KN								
Radial Load Fr, KN								
Tilting Moment, Mr								
Time percent, %								

Comments : \_\_\_\_\_

Sign: \_\_\_\_\_