

 <b>APPLICATION BEARING ANALYSIS FORM</b>		No.	
		Date:	
Requested by:			
Customer / Client:			
Customer address:			
Phone / Mail / Fax:			
End user company:			
Bearing type, original			
Bearing type, requested			
Bearing destination			
gearbox <input type="checkbox"/> wheels <input type="checkbox"/> other <input type="checkbox"/>			
Imposed dimensions			
Bore <input type="checkbox"/> Outer diameter <input type="checkbox"/> Width <input type="checkbox"/>			
Speed [rpm]			
constant <input type="checkbox"/> variable <input type="checkbox"/> Diagrams and timing. Please attach			
Ambient temperature range [°C]			
Loads [kN]	Constant		
	Radial <input type="checkbox"/> Axial <input type="checkbox"/>		
Spectrum			
Diagrams of loads and timing - Please attach			
Schedule of loads arrangement (attach)			
Yes <input type="checkbox"/> NO <input type="checkbox"/>			
Rotation angle* Misalignment [°]			
Axis y <input type="checkbox"/> Axis z <input type="checkbox"/>			
Mounting parameters (if imposed)			
Shaft dimensions <input type="checkbox"/> Shaft material <input type="checkbox"/>			
Housing dimensions <input type="checkbox"/> Housing material <input type="checkbox"/>			
Turning ring <input type="checkbox"/> Inner ring <input type="checkbox"/> Outer ring <input type="checkbox"/>			
Moisture presence			
Yes <input type="checkbox"/> NO <input type="checkbox"/> % <input type="checkbox"/>			
Corrosive agents			
Type: <input type="checkbox"/>			
Impurities occurrence			
Dust <input type="checkbox"/>			
Abrasive <input type="checkbox"/>			
Other <input type="checkbox"/>			
Passage of electric current			
Yes <input type="checkbox"/> NO <input type="checkbox"/> Voltage <input type="checkbox"/> Amperage <input type="checkbox"/>			
Vibration			
frequency [hz] <input type="checkbox"/>			
amplitude [mm] <input type="checkbox"/>			
acceleration level [g] <input type="checkbox"/>			
Clearance [µm]			
before mounting: <input type="checkbox"/> after mounting <input type="checkbox"/>			
Noise level			
low <input type="checkbox"/> standard <input type="checkbox"/> imposed <input type="checkbox"/>			
Lubrication			
oil <input type="checkbox"/> filtering degree <input type="checkbox"/> grease <input type="checkbox"/> filling % <input type="checkbox"/> type <input type="checkbox"/>			
Cage material			
steel <input type="checkbox"/> brass <input type="checkbox"/> plastic <input type="checkbox"/> other <input type="checkbox"/>			
Sealed			
Yes <input type="checkbox"/> NO <input type="checkbox"/> seal type <input type="checkbox"/>			
Shielded			
Yes <input type="checkbox"/> NO <input type="checkbox"/> detail <input type="checkbox"/>			
Required life span			
hours <input type="checkbox"/> million revolutions <input type="checkbox"/>			
Recorded life previously			
hours <input type="checkbox"/> million revolutions <input type="checkbox"/>			
Symptoms recorded before failure			
Added info			
as <input type="checkbox"/> CD/stick <input type="checkbox"/> Drawing <input type="checkbox"/> Documentation <input type="checkbox"/>			
Other notifications			

(\*) Shaft bending or misalignment between shaft and housing/s axis. „X” axis - along the shaft.