SLEW RING DESIGN DATA FORM

1a	**Customer**					Tel							
1b	Address					Fax							
1c	Contact					e-mail							
2a	**Project reference**					New project or replacement?		New		Rep			
2b													
3a	**Load data (include structural loads, but exclude safety factors)**					Loads Applied		Loads Suspended					
3b			Dynamic loads			Static loads							
3c	Load type(e.g. normal/ max/ test)		1	2	3	4	5	6					
3d	Axial load	KN											
3e	Radial load	KN											
3f	Moment load	KNm											
3g	Rotation Speed	rpm											
3h	%-age cycle time	Total 100%											
3i	Rotating ring	Inner		Outer									
3j	Has customer specified a raceway safety factor ?		Detail:										
3l	Oscillatory motion (Note: if the bearing moves "x" degrees off a centreline, 1 full oscillation defined as = "4x" degrees												
3m	Degrees off centreline		degrees		Time to swing "x" degrees		seconds						
3n	Rotation axis	Horizontal		Vertical		Inclined							
3o													
3p	Operation	Continuous		Intermittent		Other							
3k	Expected service life (i.e actual operation hours)												
4a	**Gear data**	External		Internal		Module							
4b	Number of teeth on geared ring					No. of pinions							
4c	Number of teeth on pinion gear					Speed ratio							
4d	Calculated torque on slewing ring		KNm			Tangential gear force / Geared ring		KN					
4e	Calculated torque on each pinion		KNm			Tangential gear force / pinion		KN					
5a	**Critical dimensions**	*(Kindly list any critical dimensions which must be considered in our selection)*											
5b													
5c													
5d													
5e													

Kindly fill in the required data and submit to **technical@nbcgroup.co.uk** or fax **+44 1952 242938**

A sketch would assist in our visualisation of your requirements. We have both CAD and 3D software available

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