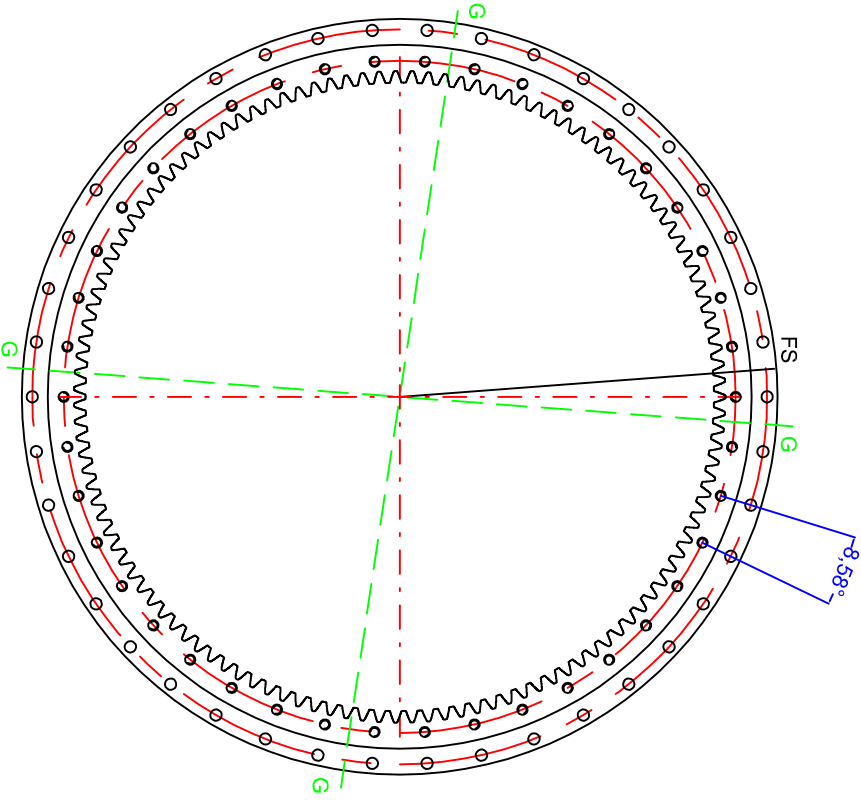
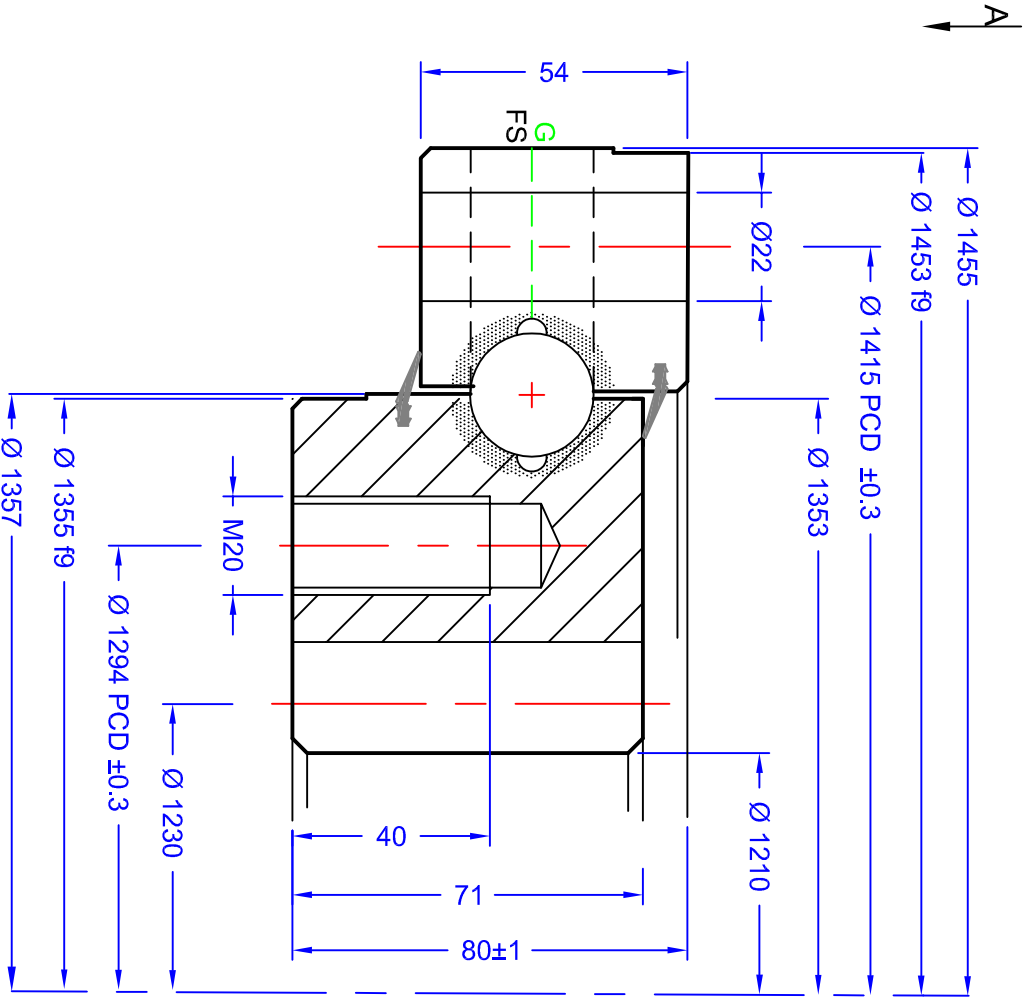


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING		0.4		1.6	3.2		6.3		12.6	25 ROUGH						



GEAR DATA										REV		DATE		MODIFICATION		REVISED BY							
HARDENED GEAR		SPUR		WORM		HELICAL		Designed in accordance with designated QCB SLEWING RING STANDARDS															
Non toleranced dimensions to ISO 2768-1 m																							
All burns and sharp edges to be removed. Standard corner chamfer 1mm x 45°																							
Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof																							
The HARDNESS GAP is to be indicated by stamped letter R or a PAINT mark on the exterior surface																							
The high point of gear eccentricity to be indicated by GREEN or BLUE paint on 3 teeth																							
NUMBER OF TEETH (z)		123		MODULE (m)		10																	
PRESSURE ANGLE (α)		20°		DP																			
ADDENDUM COEFFICIENT (x)		0																					
PROFILE CORRECTION (y)		0																					
CALCULATED GEAR STRENGTH																							
TRUNCATION (mm)		0		Fz (Normal)		KN																	
PITCH CIRCLE DIAMETER		1230 mm		Fz (Max)		KN																	
MEASUREMENT ON K TEETH		mm		Pin Diameter		mm																	
RUNOUT NOT HARDENED/HARDENED																							
BOLT DATA										INNER		42 =		MOUNTING HOLES		M20		TURNING TORQUE		Nm			
										OUTER		42 =		MOUNTING HOLES		Ø 22		MATERIAL		42CrMo4 Q&T			
										GREASE HOLES		G'		4 X M8				WEIGHT		21.5 kg (est)			
										LOADING PLUG		FS		SOFT ZONE		R'		DEPTH OF HARDENING (mm)		mm			
										SEAL SIZE		TBA											
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QCB Bearings		SLEWING RINGS & DRIVES	
QCB is a registered trademark of NBC Group Ltd		Imported by NBC Group Ltd	
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www.nbcgroup.co.uk		DRAWN: LW	
DATE: 02/02/2016		CHECKED: LJM	

QCB RS 11/2016		SIG 1455 25 01 AA LM	
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