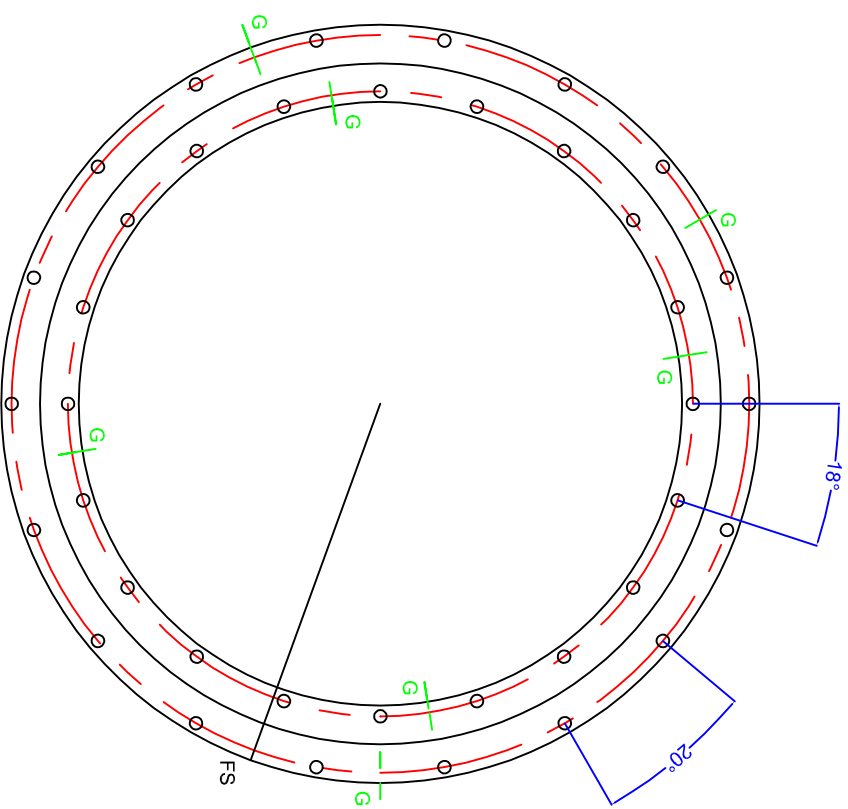
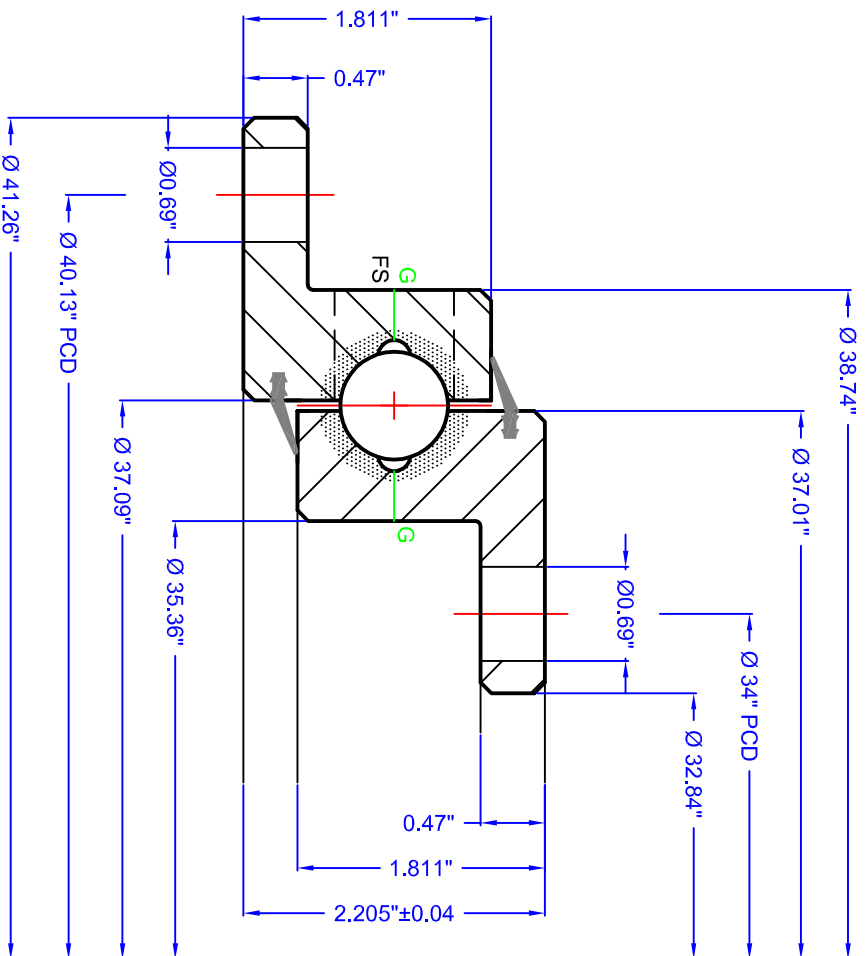
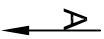



GEN. TOLERANCES								
	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5
GEN. MACHINING	✓	0.4	1.6	✓	3.2	✓	6.3	✓
							12.6	✓
							25 ROUGH	✓
								✓
								±2
								4000 - 8000
								±3



GEAR DATA					
HARDENED GEAR	Designed in accordance with designated QCB SLEWING RING STANDARDS Non tolerated dimensions to ISO 2768-1 m All burrs 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)	MODULE (m)				
PRESSURE ANGLE (α)	DP				
ADDENDUM COEFFICIENT (x)					
APICAL CORRECTION (y _m)					
CALCULATED GEAR STRENGTH					
TRUNCATION (r _m)	F _t (Normal)				
PITCH CIRCLE DIAMETER	F _r (Max)				
MEASUREMENT ON K TEETH	Pin Diameter				
RUNOUT NOT HARDENED/HARDENED					
BOLT DATA					
INNER		20 =	MOUNTING HOLES	Ø0.69"	
OUTER		18 =	MOUNTING HOLES	Ø0.69"	
		G _s	(4+3) 7⁄8 -28 UNF		
		F _S	SOFT ZONE	R _i	
			SEAL SIZE	TBA	
			AXIAL PLAY	0.12-0.28 mm	
			RADIAL PLAY	0.12-0.28 mm	
			TURNING TORQUE	N/m	
			MATERIAL	42CrMo4 Q&T	
			WEIGHT	59.2 kg (est)	
				MMN	
			DEPTH OF HARDENING (standard)		
					
REV		DATE		MODIFICATION	
FUN 1048 20 61 AA LM					
OQB or NBC DRAWING NUMBER					
SLEWING RINGS & DRIVES					
Orleton Lane, Wellington, Telford, TF1 2BG, UK					
P: 019552 222300 F: 019552 242938					
www.nbgroup.co.uk					
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DRAWN:		LW			
DATE:		16/05/2016			
CHECKED:		LMH			
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QCB RS 11/2016					