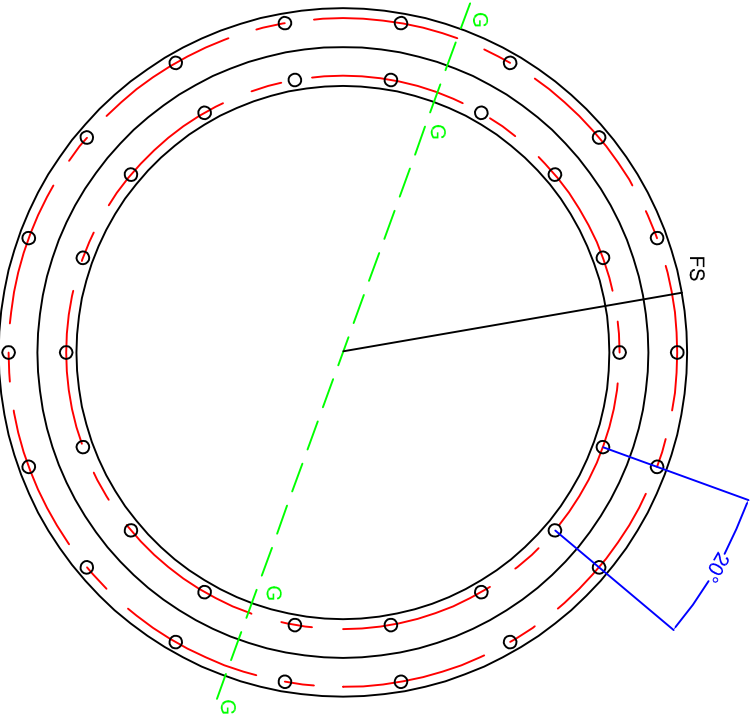
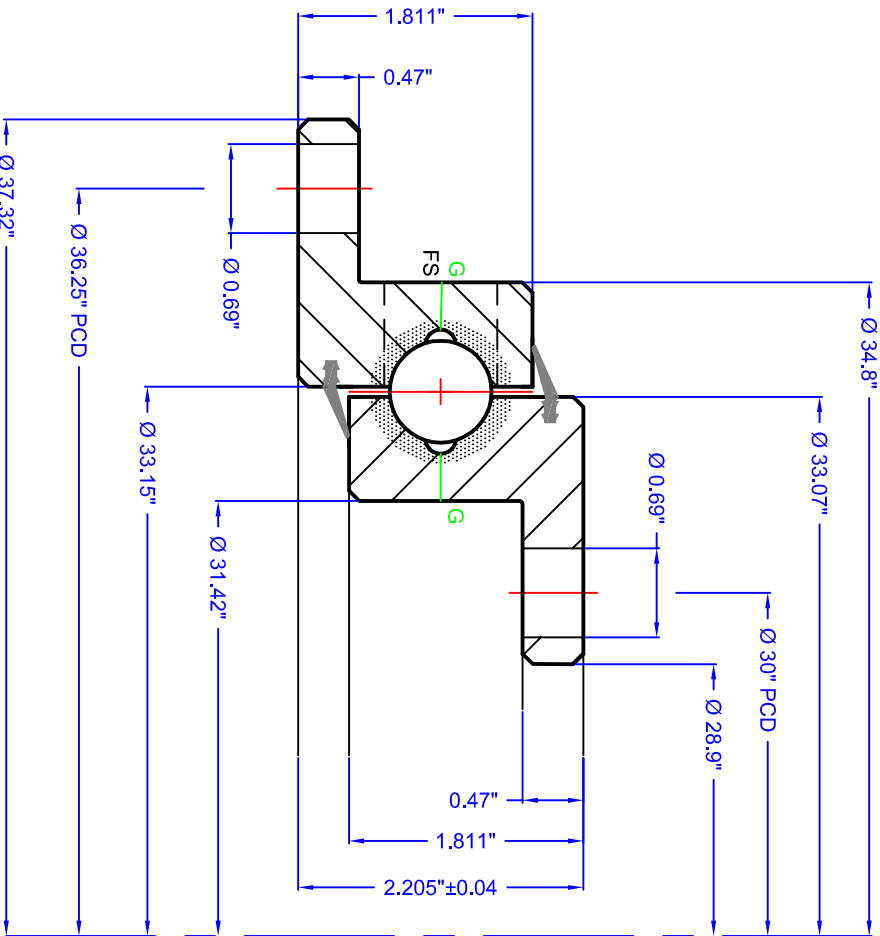
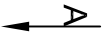


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	✓	0.4	✓	1.6	✓	3.2	✓	6.3	✓	12.6	✓	25 ROUGH	✓			



VIEW ON 'A' SHOWING DRILLING PATTERN AND OTHER DETAILS

REV	DATE	MODIFICATION	REVISED BY
1			

GEAR DATA										Designed in accordance with designated QCB SLEWING RING STANDARDS									
HARDENED GEAR										Non tolerated dimensions to ISO 2768-1 m									
NUMBER OF TEETH (Z)										All burrs and sharp edges to be removed; Standard corner chamfer 1mm x 45°									
PRESSURE ANGLE (α)										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									
ADDENDUM COEFFICIENT (x)																			
PROFILE CORRECTION (mm)																			
CALCULATED GEAR STRENGTH																			
TRUNCATION (mm)										INNER	18 ±	MOUNTING HOLES	Ø0.69"	TURNING TORQUE					
PITCH CIRCLE DIAMETER										OUTER	18 ±	MOUNTING HOLES	Ø0.69"	MATERIAL					
MEASUREMENT ON K TEETH										GREASE HOLES	G'	(2+2) 1"-28 UNF	WEIGHT						
RUNOUT NOT HARDENED/HARDENED										LOADING PLUG	FS'	SOFT ZONE	R'						
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QCB

Bearings

SLEWING RINGS & DRIVES

Orleton Lane, Wellington, Telford, TF1 2BG, UK

P: 01952 222300 F: 01952 242938

www.nbgroup.co.uk

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DATE: 13/05/2016

CHECKED: LJM