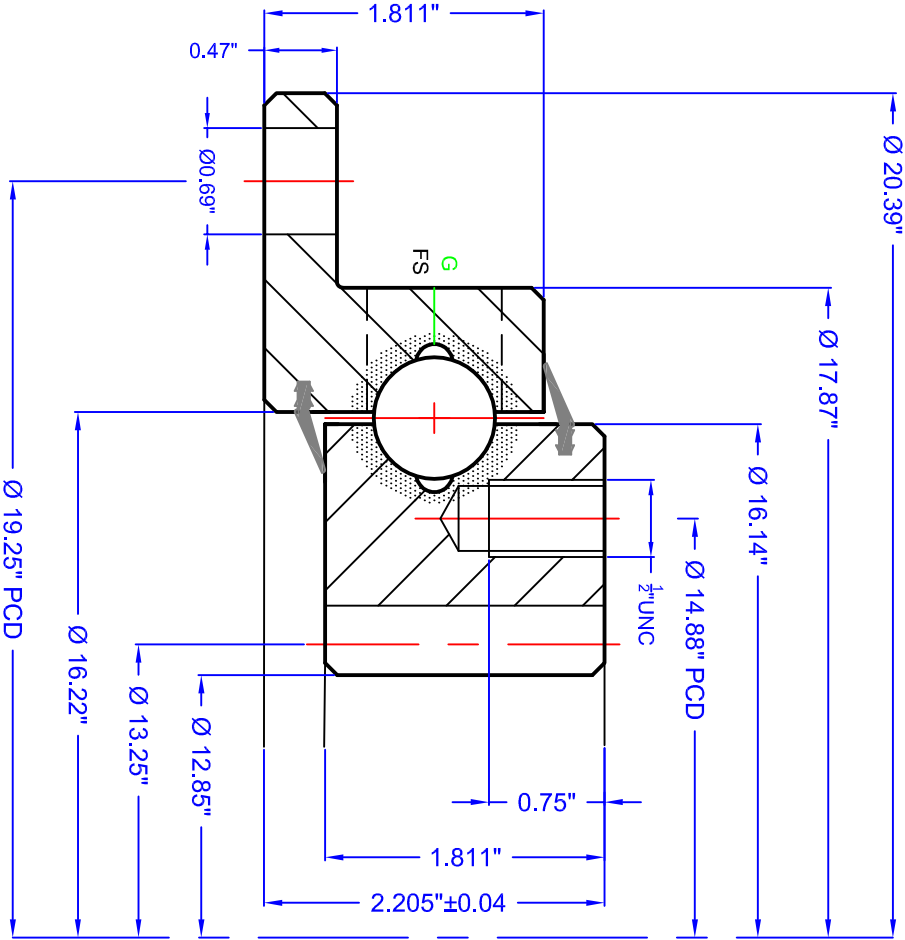
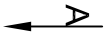


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	✓	0.4	✓	1.6	✓	3.2	✓	6.3	✓	12.6	✓	25 ROUGH	✓	✓	✓	✓



GEAR DATA

HARDED GEAR	NO
NUMBER OF TEETH (Z)	53
PRESSURE ANGLE (°)	20
ADDENDUM COEFFICIENT (X)	4
PROFILE CORRECTION (mm)	

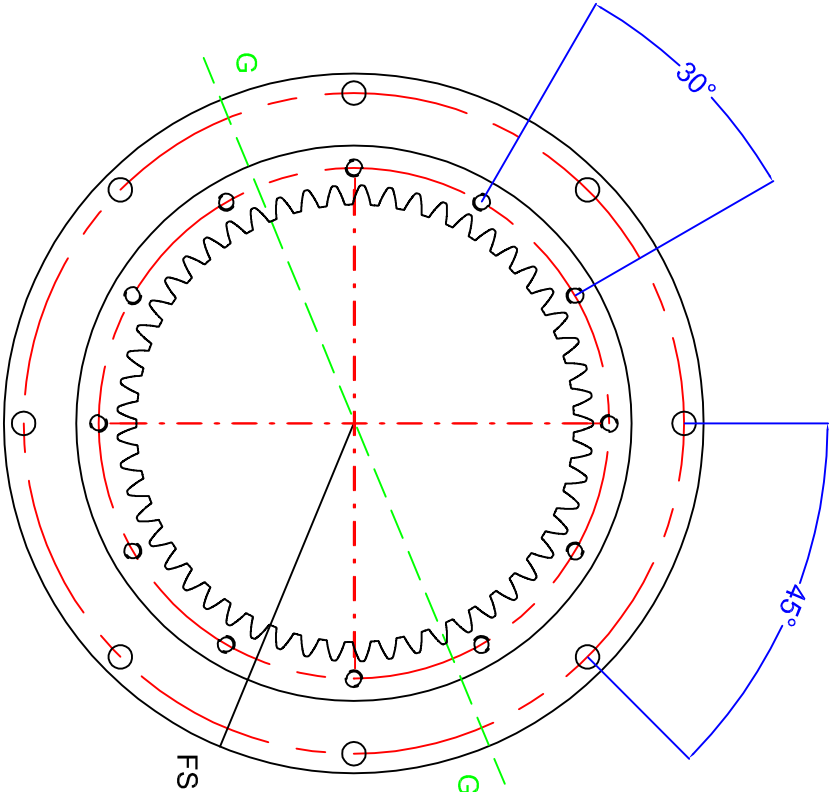
TRUNCATION (mm)	
PITCH CIRCLE DIAMETER	13.25"
RUNOUT NOT HARDENED/HARDED	

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	

BOLT DATA	
INNER	12 =
OUTER	8 =
GREASE HOLES	'G'
LOADING PLUG	'FS'
SEAL SIZE	TBA

AXIAL PLAY	0.07-0.17 mm
RADIAL PLAY	0.07-0.17 mm
TURNING TORQUE	Nm
MATERIAL	42CrMo4 Q&T
WEIGHT	30 kg (66lb)
DRUM	LW

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VIEW ON 'A' SHOWING DRILLING PATTERN AND OTHER DETAILS

REV	DATE	MODIFICATION	REVISED BY
1			
QCB Bearings SLEWING RINGS & DRIVES			
Orelton Lane, Wellington, Telford, TF1 2BG, UK			
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www.nbgroup.co.uk			
QCB® is a registered trademark of NBC Group Ltd			
FIG 518 20 61 AA LM			
QCB RS 11/2016			
DRAWN: LW			
DATE: 23/05/2016			
CHECKED: LLM			