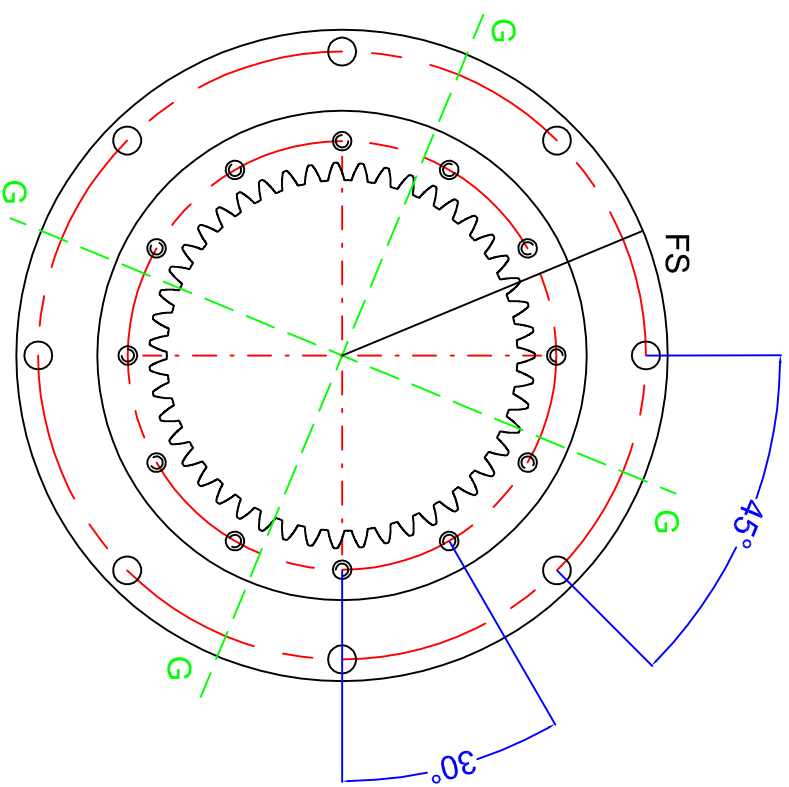
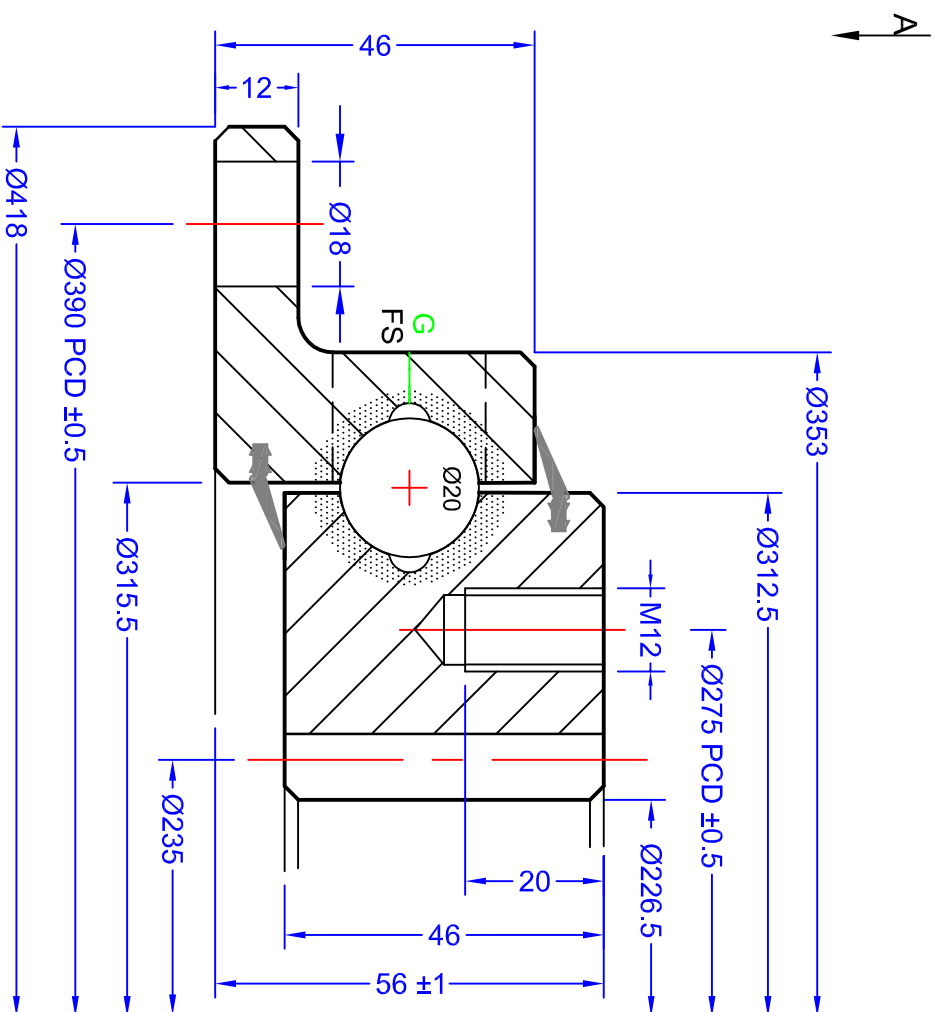


GEN. TOLERANCES								
	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5
GEN. MACHINING	✓	0.4	1.6	✓	3.2	✓	6.3	✓
							12.6	✓
							25 ROUGH	✓
								✓
								±2
								4000 - 8000
								±3



GEAR DATA		SPUR		Designed in accordance with designated QCB SLEWING RING STANDARDS																	
HARDED GEAR		NO		Non tolerated dimensions to ISO 2768-1 m																	
NUMBER OF TEETH (z)		47		MODULE (m)		5		All burrs and sharp edges to be removed. Standard corner chamfer 1mm x 45°													
PRESSURE ANGLE (α)		20°		DP				Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof													
ADDENDUM COEFFICIENT (x)		0						The HARNESS GAP is to be indicated by stamped letter R or a PAINT mark on the exterior surface													
PROFILE CORRECTION (mm)		0						The high point of gear eccentricity to be indicated by GREEN or BLUE paint on 3 teeth													
CALCULATED GEAR STRENGTH				BOLT DATA																	
TRUNCATION (mm)		-0.75 mm		F _t (Normal)		KN		INNER		12 =		MOUNTING HOLES		M12		AXIAL PLAY		0.07-0.17 mm			
PITCH CIRCLE DIAMETER		235 mm		F _r (Max)		KN		OUTER		8 =		MOUNTING HOLES		Ø 18		RADIAL PLAY		0.07-0.17 mm			
MEASUREMENT ON K TEETH		mm		Pin Diameter		mm		GREASE HOLES		G ₁		4 X M8		MATERIAL		42CrMo4 Q&T		WEIGHT		22 kg (est)	
RUNOUT NOT HARDENED/HARDED								LOADING PLUG		F5S		SOFT ZONE		R _e		DEPTH OF HARDENED (standard)		mm			
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REV		DATE		MODIFICATION										REMOVED BY							
 SLEWING RINGS & DRIVES Orleton Lane, Wellington, Telford, TF1 2BG, UK P: 019352 222300 F: 019352 242938 www.nbcgroup.co.uk QCB® is a registered trademark of NBC Group Ltd DRAWN: LMI DATE: 2/12/2015 CHECKED: LMI																					
FIG 418 20 00 AA LM																					
QCB RS 11/2016																					