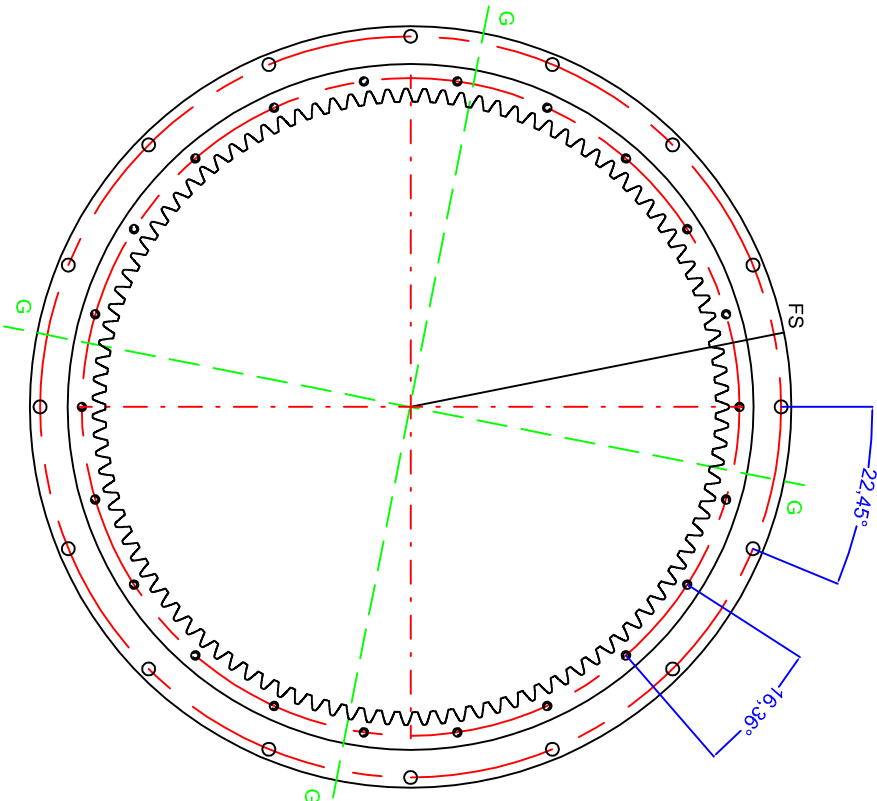
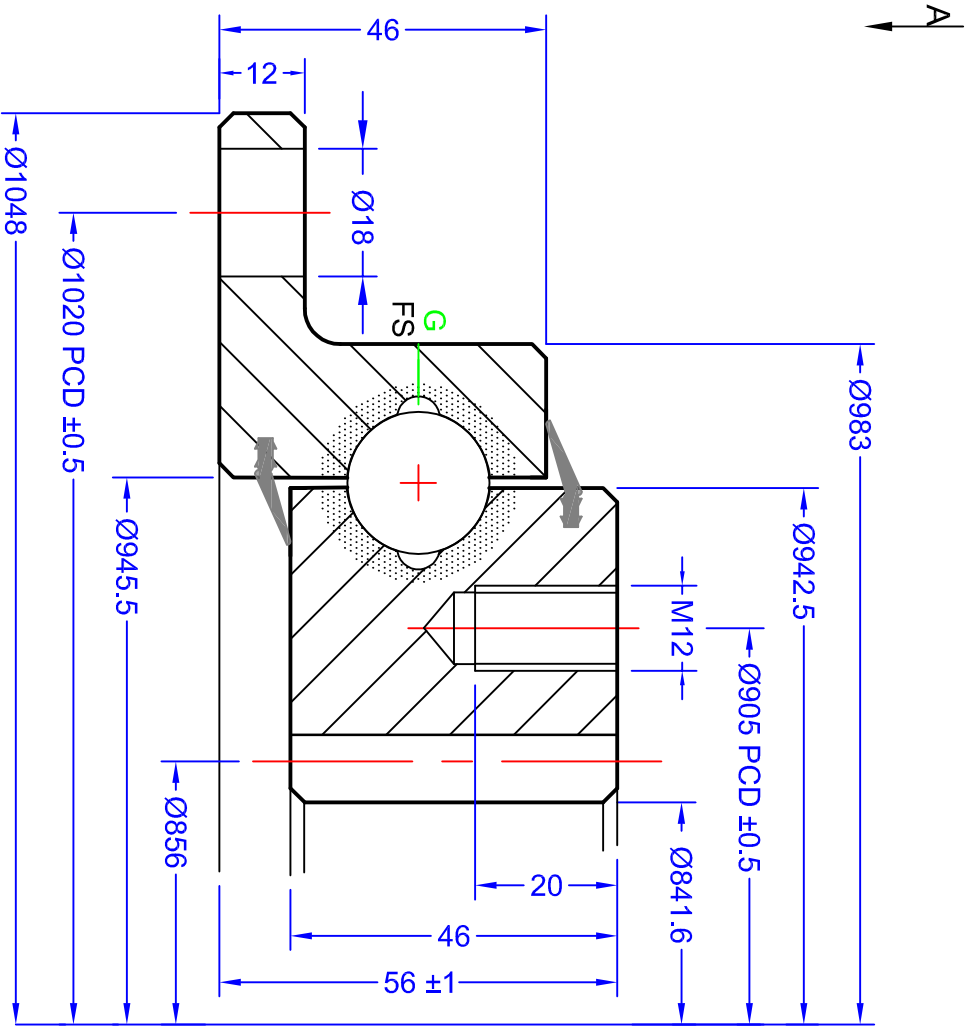


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	✓	0.4	✓	1.6	✓	3.2	✓	6.3	✓	12.6	✓	25 ROUGH	✓			



VIEW ON 'A' SHOWING DRILLING PATTERN AND OTHER DETAILS

GEAR DATA		SPUR	Designed in accordance with designated QCB SLEWING RING STANDARDS										
HARDED GEAR	NO		All burrs and sharp edges to be removed; Standard corner chamfer 1mm x 45° Non tolerated dimensions to ISO 2768-1 m										
NUMBER OF TEETH (z)	107	MODULE (m)	8	Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof The HAPNESS 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									
PRESSURE ANGLE (α)	20°	DP											
ADDENDUM COEFFICIENT (x)	0	CALCULATED GEAR STRENGTH											
PROFILE CORRECTION (y)	0	BOLT DATA											
TRUNCATION (mm)	-0.8 mm	Fz (Normal)	KN	INNER	22 =	MOUNTING HOLES	M12	TURNING TORQUE	Nm	RADIAL PLAY			0.12-0.28 mm
PITCH CIRCLE DIAMETER	856 mm	Fz (Max)	KN	OUTER	16 =	MOUNTING HOLES	Ø 18	MATERIAL	42CrMo4 Q&T	WEIGHT	65 kg (est)		
MEASUREMENT ON K TEETH		Fm (Diameter)	mm	GREASE HOLES	16 =	MOUNTING HOLES	4 X M8	WEIGHT	65 kg (est)				
RUNOUT NOT HARDED/HARDED				LOADING PLUG	'FS'	SOFT ZONE	'R'	DEPTH OF HARDENING (depth)	mm				
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REV	DATE	MODIFICATION	REVISED BY
		SLEWING RINGS & DRIVES	
FIG 1050 20 00 AA LM		Orleton Lane, Wellington, Telford, TF11 2BG, UK	
		P: 01952 222300 F: 01952 242938	
		www.nbcgroup.co.uk	
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		DRAWN: LMI	
		DATE: 2/12/2015	
		CHECKED: LMI	
		QCB RS 11/2016	

REV	DATE	MODIFICATION	REVISED BY
1			

QCB
Bearings

SLEWING
RINGS &
DRIVES

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

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FIG 1050 20 00 AA LM

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