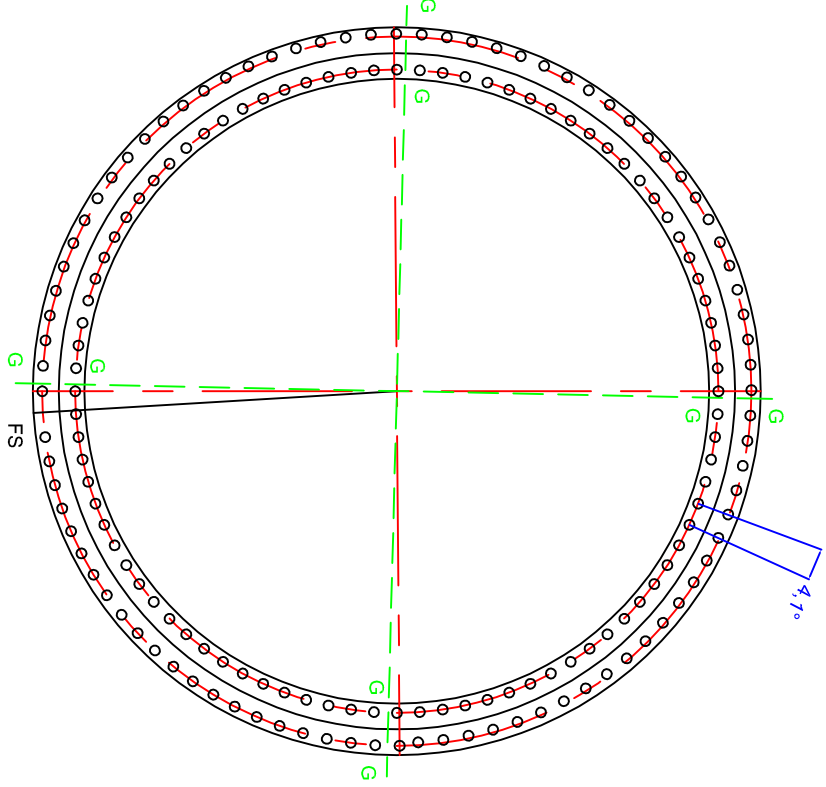
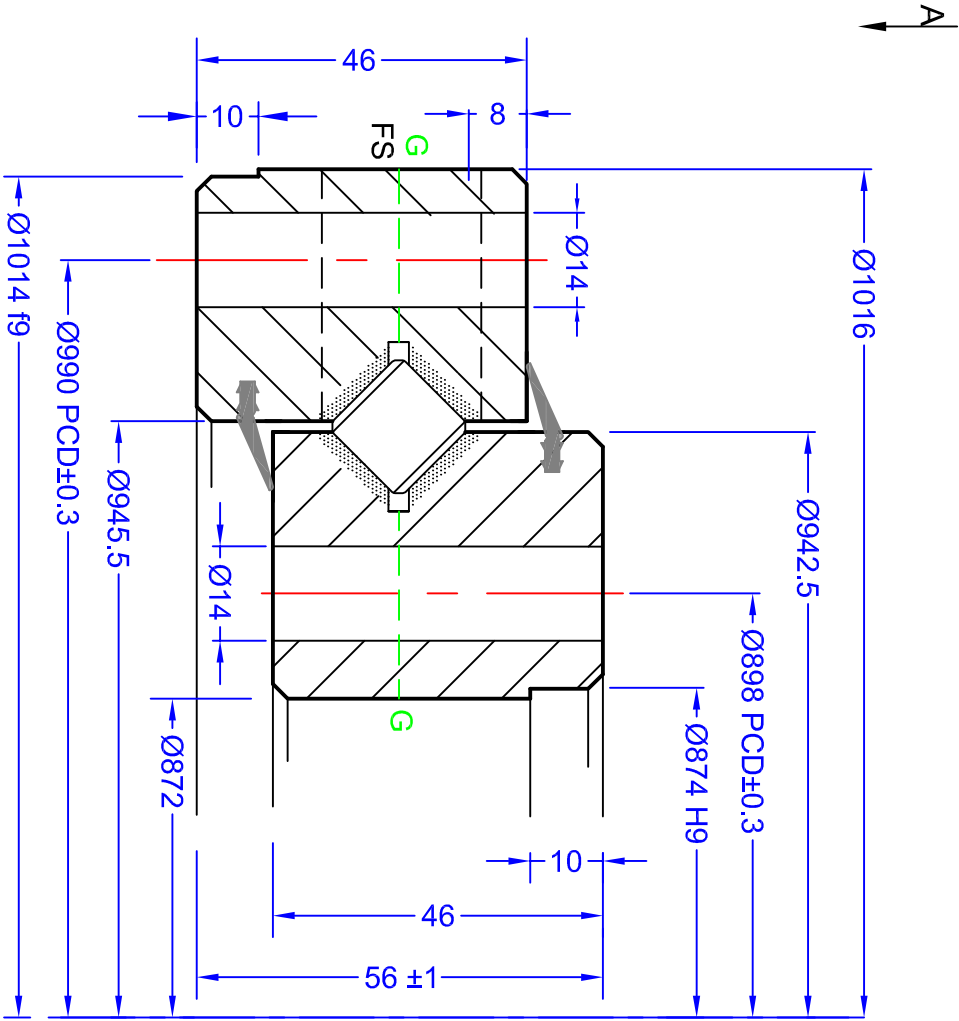


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING		0.4		1.6		3.2		6.3		12.6	25 ROUGH					



GEAR DATA		Designed in accordance with designated QCB SLEWING RING STANDARDS	
HARDENED GEAR		Non toleranced dimensions to ISO 2768-1 m	
NUMBER OF TEETH (z)	MODULE (m)	All burrs and sharp edges to be removed; Standard corner chamfer 1mm x 45°	
PRESSURE ANGLE (α)	DP	Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof	
ADDENDUM COEFFICIENT (x)		The HARDNESS GAP is to be indicated by stamped letter R or a PAINT mark on the exterior surface	
PROFILE CORRECTION (mm)		The high point of gear eccentricity to be indicated by GREEN or BLUE paint on 3 teeth	
CALCULATED GEAR STRENGTH		BOLT DATA	
TRUNCATION (mm)	F _z (Normal)	INNER	AXIAL PLAY
PITCH CIRCLE DIAMETER	F _z (Max)	88 =	RADIAL PLAY
MEASUREMENT ON K TEETH	Pin Diameter	88 =	TURNING TORQUE
RUNOUT NOT HARDENED/HARDENED		GREASE HOLES	MATERIAL
		LOADING PLUG	42CrMo4 Q&T
		SEAL SIZE	60 Kg (GB)
			mm
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REV	DATE	MODIFICATION	REVISD BY
1			

SLEWING RINGS & DRIVES

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QCB RS 11/2016

SUN 1016 X14 01 AA LM

DRAWN: LJM
DATE: 2/12/2015
CHECKED: LJM