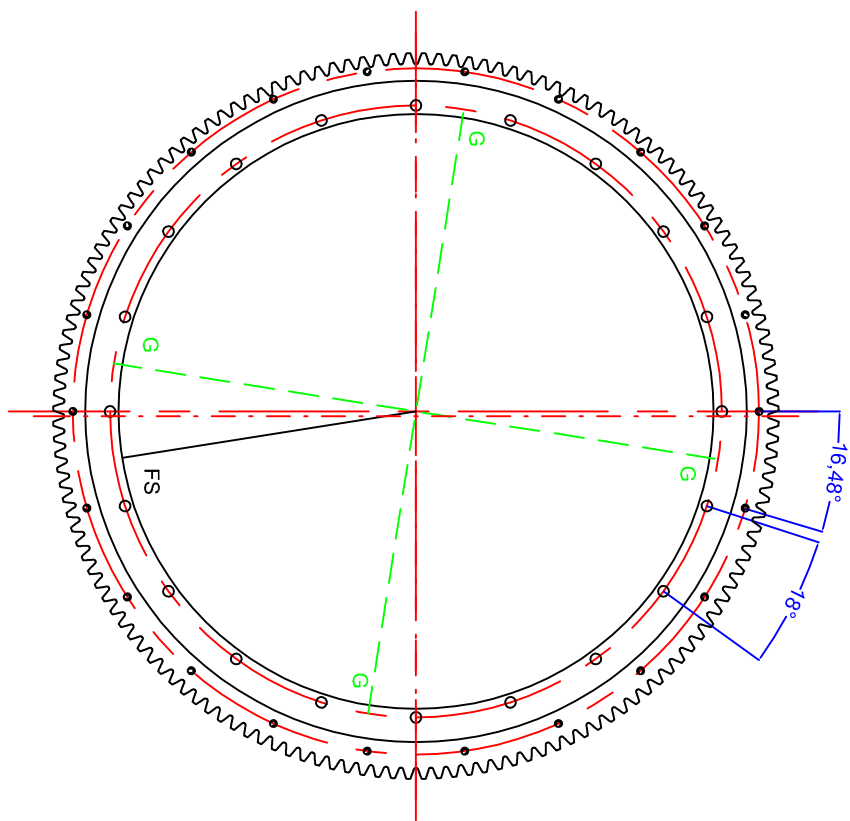
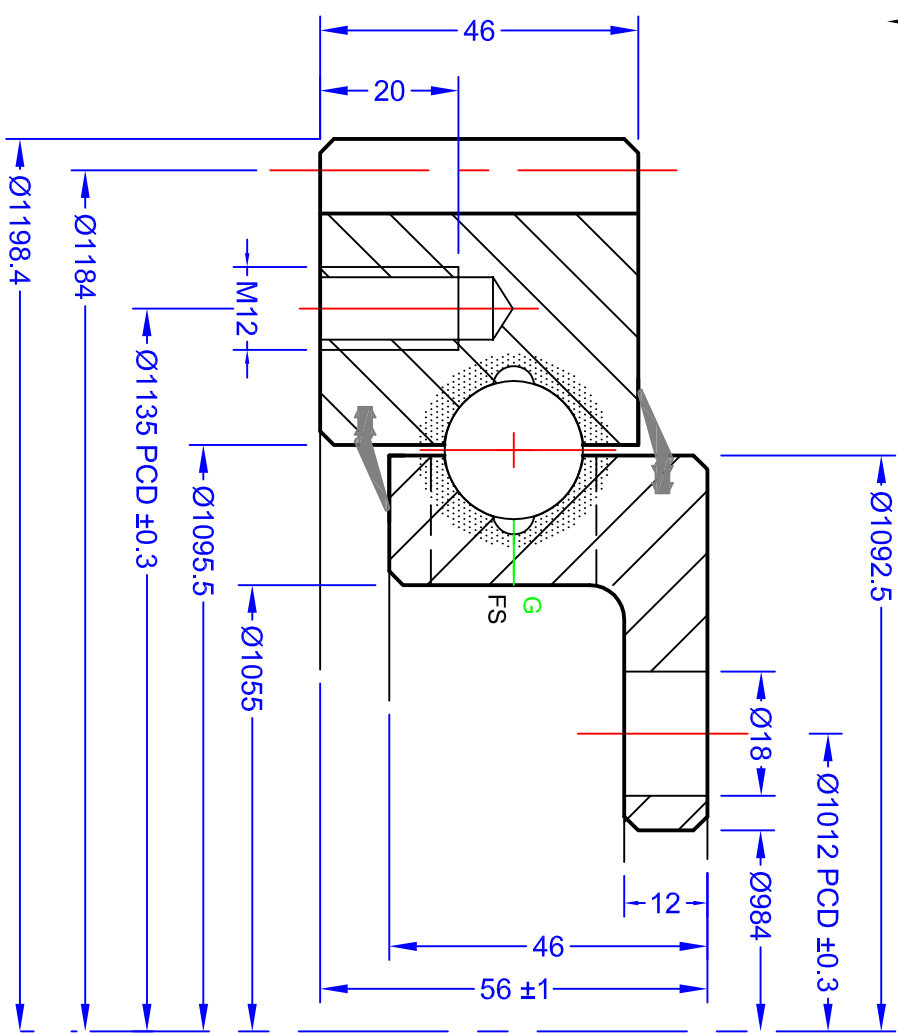


GEN. TOLERANCES		0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	√	0.4	√	1.6	√	3.2	√	6.3	√	12.6	√	25 ROUGH	√		√		

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GEAR DATA	SPUR
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HARDED GEAR	NO	MODULE (m)	8
NUMBER OF TEETH (Z)	148	DP	
PRESSURE ANGLE (α)	20°		
ADDENDUM COEFFICIENT (k)	0		
PROFILE CORRECTION (x)	0		

TRUNCATION (r)	-0.8 mm	FS (Normal)	KN
PITCH CIRCLE DIAMETER	1184 mm	FS (Allow)	KN
MEASUREMENT ON K TEETH		Pin Diameter	mm
RUNOUT NOT HARDENED/HARDENED		LOADING PLUG	'FS'
		SOFT ZONE	'R'
		SEAL SIZE	TBA

DESIGNED IN ACCORDANCE WITH DESIGNATED QCB SLEWING RING STANDARDS

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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	20 =	MOUNTING HOLES	Ø 18	AXIAL PLAY	0.15-0.35 mm
	OUTER	22 =	MOUNTING HOLES	M 12	RADIAL PLAY	0.15-0.35 mm
	GREASE HOLES	'G'	4 X M8		TURNING TORQUE	Nm
	LOADING PLUG	'FS'			MATERIAL	42CrMo4 Q&T
					WEIGHT	82 kg (est)
					DEPTH OF HARDENING (estimate)	mm

Designed in accordance with designated QCB SLEWING RING STANDARDS

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REV	DATE	MODIFICATION	REVISED BY
1			

QCB Bearings

SLEWING RINGS & DRIVES

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QCB RS 11/2016

DRAWN:	LJM
DATE:	21/2/2015
CHECKED:	LJM