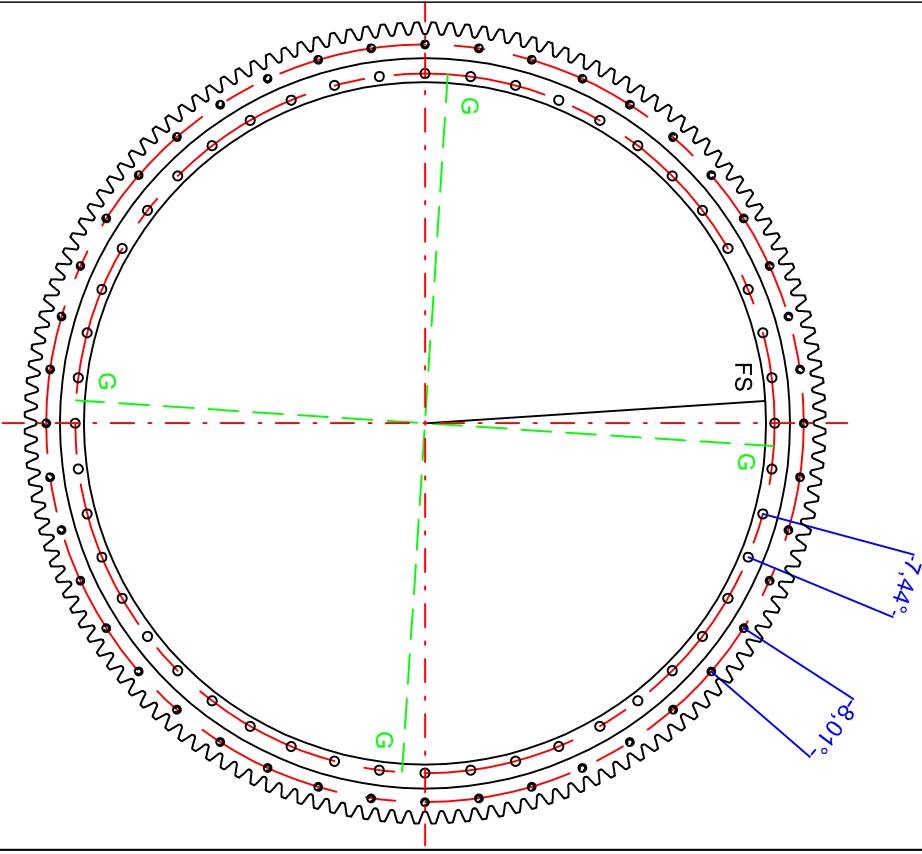
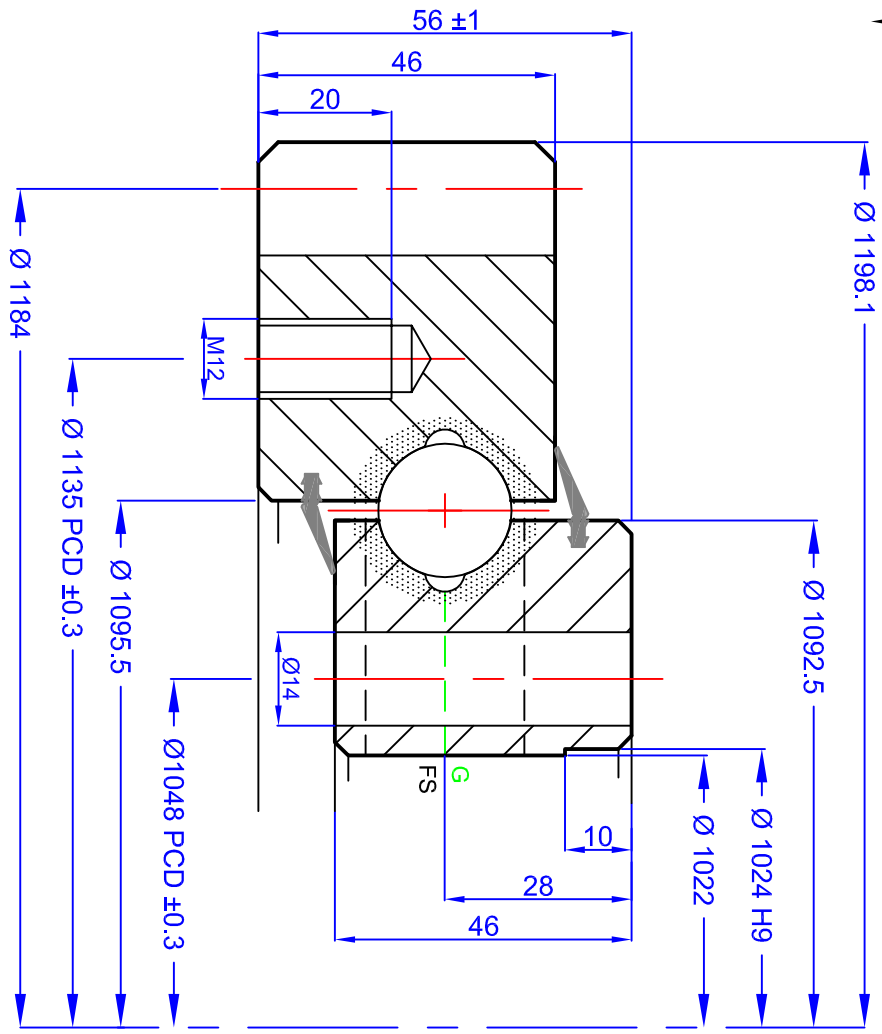


GEN. TOLERANCES		0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	▽	0.4	▽	1.6	▽	3.2	▽	6.3	▽	12.6	▽	25 ROUGH	▽		▽		

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GEAR DATA

HARDED GEAR	NO	WORM	HELICAL	Designed in accordance with designated QCB SLEWING RING STANDARDS			
NUMBER OF TEETH (Z)	148	MODULE (m)	8	Non toleranced dimensions to ISO 2768-1 m			
PRESSURE ANGLE (α)	20°	DP		All burrs and sharp edges to be removed. Standard corner chamfer 1mm x 45°			
ADDENDUM COEFFICIENT (k)	0	CALCULATED GEAR STRENGTH		Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof			
PROFILE CORRECTION (x)	0			The HAPNESS GAP is to be indicated by stamped letter R or a PAINT mark on the exterior surface			
TRUNCATION (mm)	-0.95 mm	INNER	48 =	MOUNTING HOLES	Ø 14	AXIAL PLAY	0.12-0.28 mm
PITCH CIRCLE DIAMETER	1184 mm	OUTER	44 =	MOUNTING HOLES	M12	TURNING TORQUE	Nm
MEASUREMENT ON K TEETH	mm	GREASE HOLES	G'	4 X M8		MATERIAL	42CrMo4 Q&T
RUNOUT NOT HARDED/HARDENED		LOADING PLUG	FS	SOFT ZONE	R	WEIGHT	91 Kg (est)
		SEAL SIZE	TBA			REFINISH (standard)	mm

BOLT DATA

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REV	DATE	MODIFICATION	REVISED BY
1			

QCB Bearings

SLEWING RINGS & DRIVES

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SEG 1200 20 01 AA LM

DRAWN:	LW
DATE:	25/01/2016
CHECKED:	LM