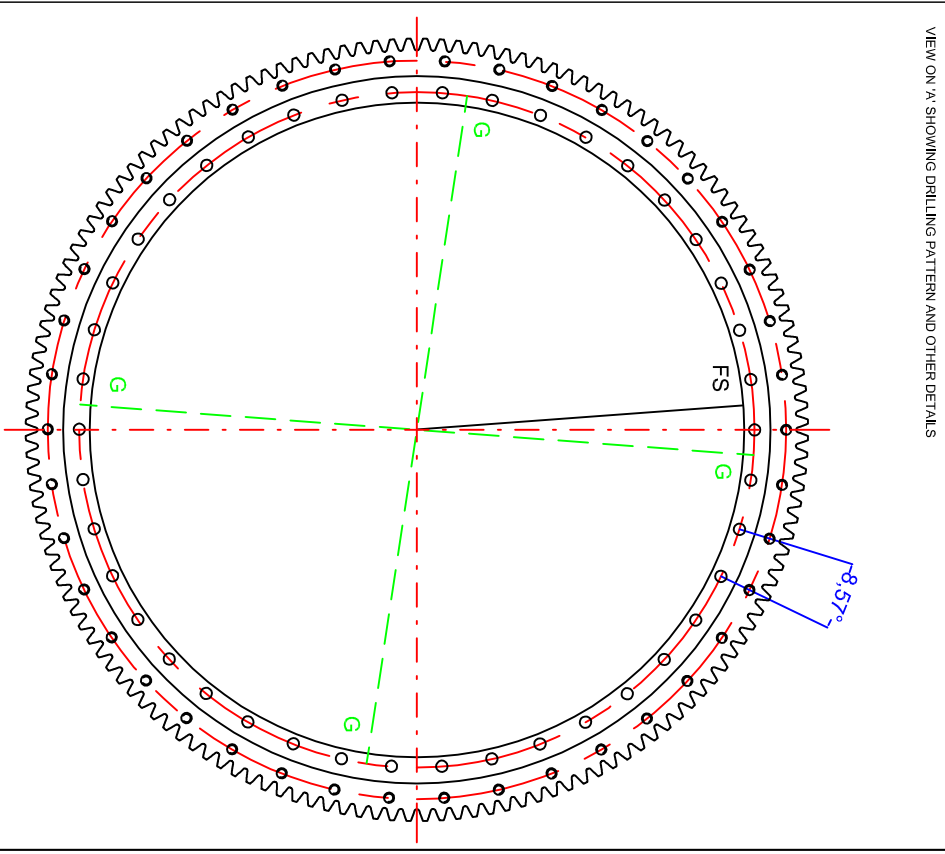
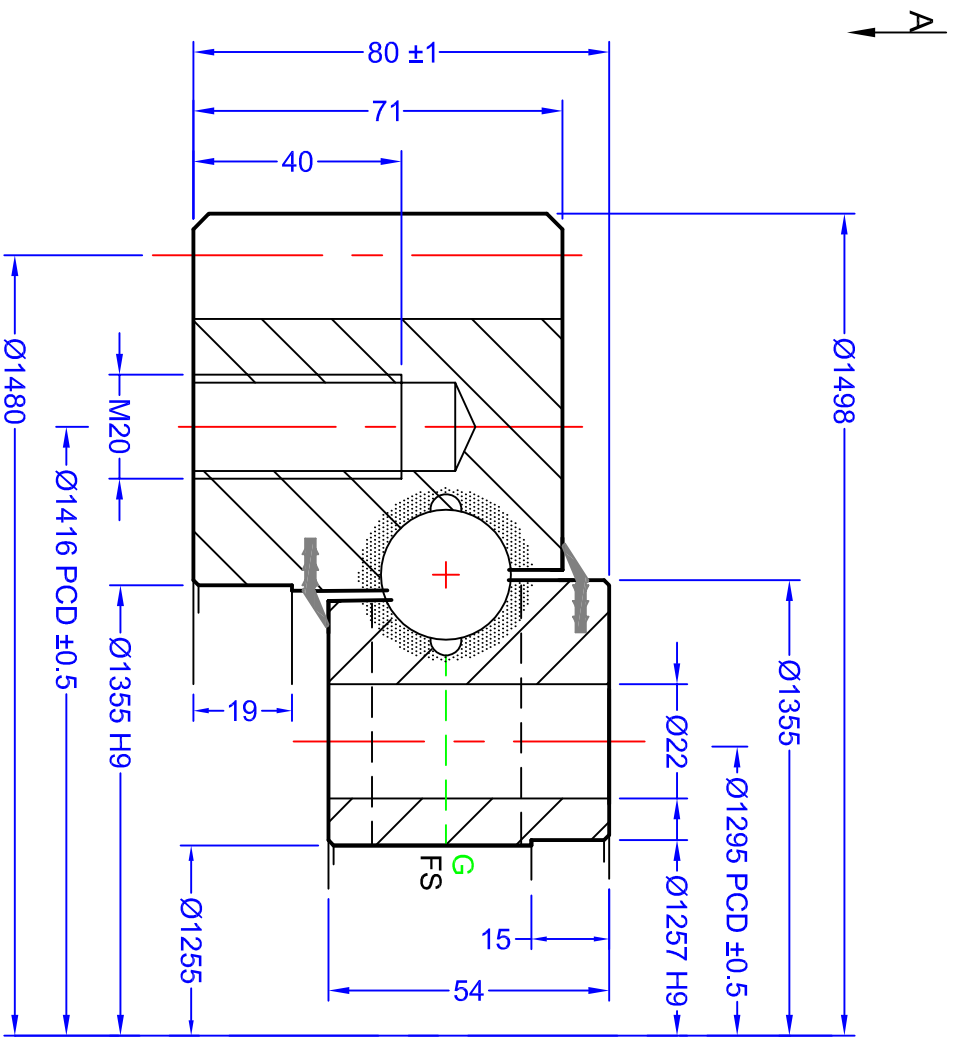


GEN. TOLERANCES		0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	√	0.4	√	1.6	√	3.2	√	6.3	√	12.6	√	25 ROUGH	√		√		



GEAR DATA

HARDED GEAR	NO	MODULE (m)	10
NUMBER OF TEETH (z)	148	DP	
PRESSURE ANGLE (α)	20°	CALCULATED GEAR STRENGTH	
ADDENDUM COEFFICIENT (fa)	0	INNER	42 =
PROFILE CORRECTION (fm)	0	OUTER	42 =
TRUNCATION (km)	0	GREASE HOLES	G'
PITCH CIRCLE DIAMETER	1480 mm	LOADING PLUG	FS
MEASUREMENT ON K TEETH	mm	SEAL SIZE	TBA
RUNOUT NOT HARDED/HARDED	mm		

Designed in accordance with designated QCB SLEWING RING STANDARDS
 Non toleranced 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 HARFNESS 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	42 =	MOUNTING HOLES	Ø 22	TURNING TORQUE	
OUTER	42 =	MOUNTING HOLES	M 20	MATERIAL	42CrNiMo4 Q&T
GREASE HOLES	G'	4 X M8		WEIGHT	222 kg (est)
LOADING PLUG	FS	SOFT ZONE	R'		
SEAL SIZE	TBA				

REV	DATE	MODIFICATION	REVISED BY
1			

QCB Bearings

SLEWING RINGS & DRIVES

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SEG 1500 25 01 AA LM

DATE:	22/12/2015
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