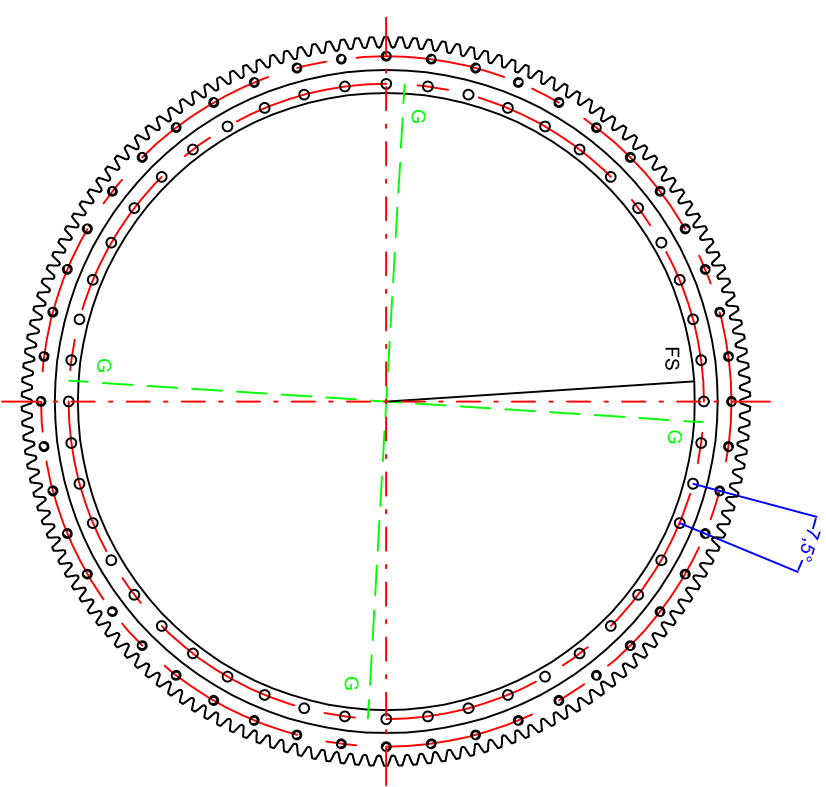
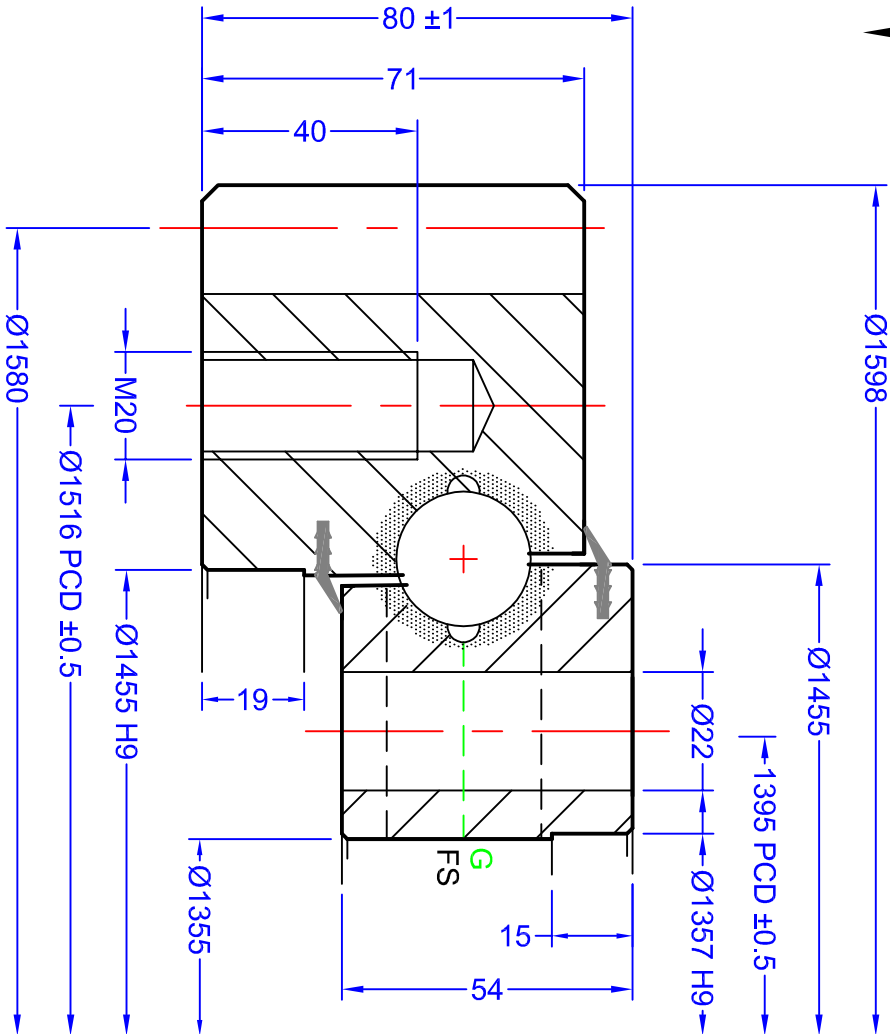


GEN. TOLERANCES		0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	√	0.4	√	1.6	√	3.2	√	6.3	√	12.6	√	25 ROUGH	√		√		

A



VIEW ON 'A' SHOWING DRILLING PATTERN AND OTHER DETAILS

**GEAR DATA**

HARDED GEAR	NO	MODULE (m)	10
NUMBER OF TEETH (z)	158	DP	
PRESSURE ANGLE (α)	20°	CALCULATED GEAR STRENGTH	
ADDENDUM COEFFICIENT (α)	0	INNER	48 =
PROFILE CORRECTION (xm)	0	OUTER	48 =
TRUNCATION (km)	0	FR (Normal)	KN
FR (fillet)	KN	FR (fillet)	KN
PITCH CIRCLE DIAMETER	1580 mm	GREASE HOLES	4 X M8
MEASUREMENT ON K TEETH	mm	LOADING PLUG	'FS'
RUNOUT NOT HARDED/HARDED		SOFT ZONE	'R'
		SEAL SIZE	TBA

**BOLT DATA**

AXIAL PLAY	0.15-0.35 mm
RADIAL PLAY	0.15-0.35 mm
TURNING TORQUE	Nm
MATERIAL	42CrMo4 Q&T
WEIGHT	236 kg (est)

1 REV DATE

MODIFICATION

REVISED BY

**QCB Bearings** SLEWING RINGS & DRIVES

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

P: 01962 222300 F: 01962 242938  
www.nbcbgroup.co.uk

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SEG 1600 25 01 AA LM

DESIGNED IN ACCORDANCE WITH DESIGNATED QCB SLEWING RING STANDARDS  
 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 HARNESS 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

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DRAWN:	LW
DATE:	22/12/2015
CHECKED:	LM