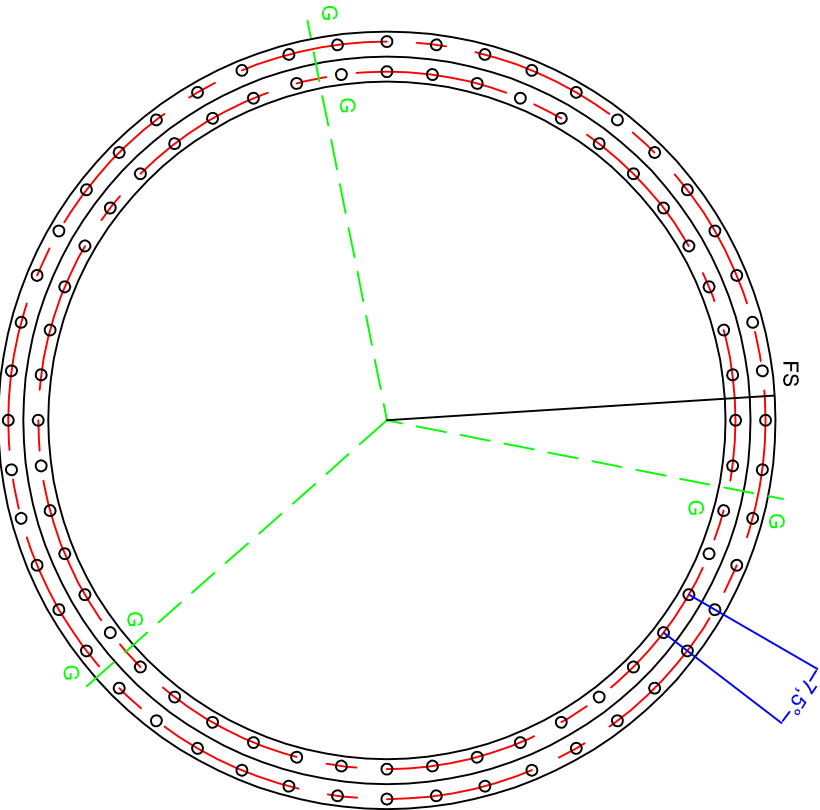
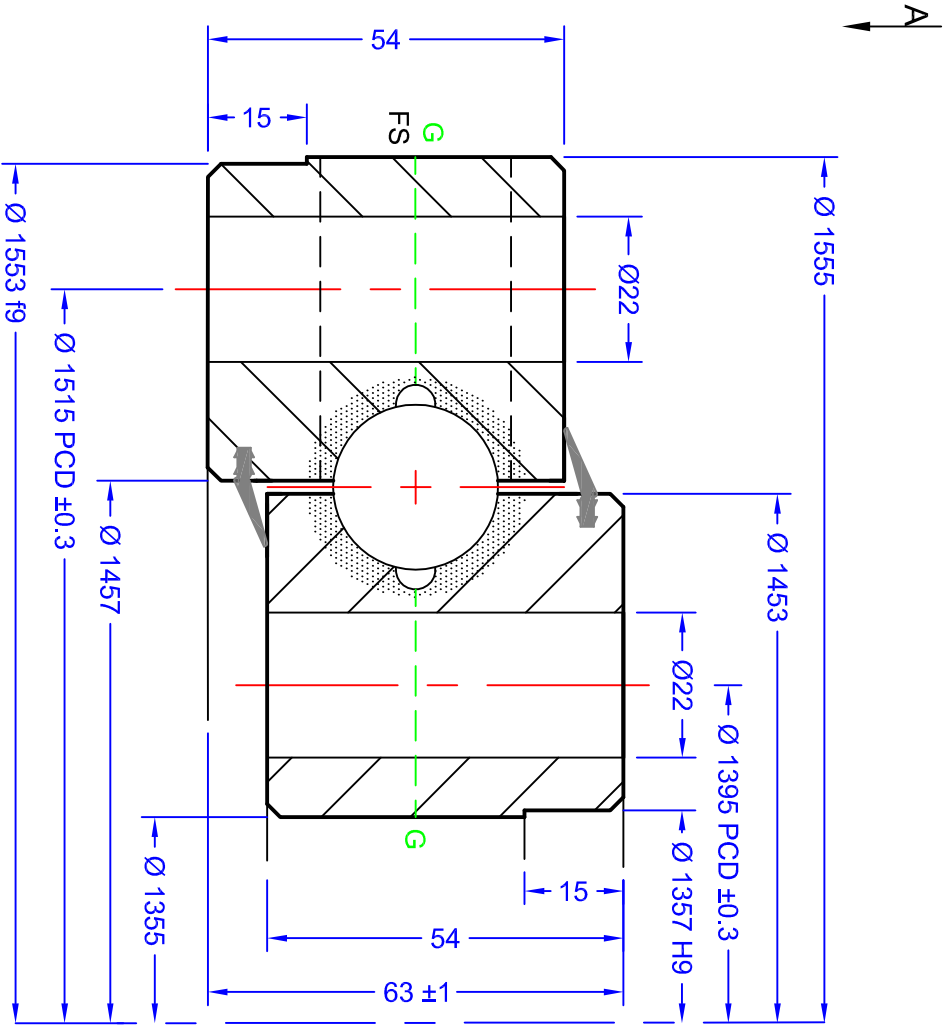


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	✓	0.4	✓	1.6	✓	3.2	✓	✓	12.6	✓	25 ROUGH	✓	✓	✓	✓	✓



GEAR DATA										BOLT DATA									
HARDENED GEAR										INNER									
NUMBER OF TEETH (Z)										48 =									
PRESSURE ANGLE (α)										48 =									
ADDENDUM COEFFICIENT (x)										48 =									
PROFILE CORRECTION (y)										48 =									
TRUNCATION (mm)										Ø 22									
PITCH CIRCLE DIAMETER										Ø 22									
MEASUREMENT ON K TEETH										2 X 3 M8									
RUNOUT NOT HARDENED/HARDENED										TFS									
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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 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

AXIAL PLAY 0.15-0.35 mm

RADIAL PLAY 0.15-0.35 mm

TURNING TORQUE Nm

MATERIAL 42CrMo4 Q&T

WEIGHT 171 kg (est)

REPT OF MEASUREMENT (mm)

1

REV DATE

MODIFICATION

REVISD BY

QCB Bearings SLEWING RINGS & DRIVES

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QCB RS 11/2016

SUN 1555 25 01 AA LM

DATE: 27/01/2016

CHECKED: LLM