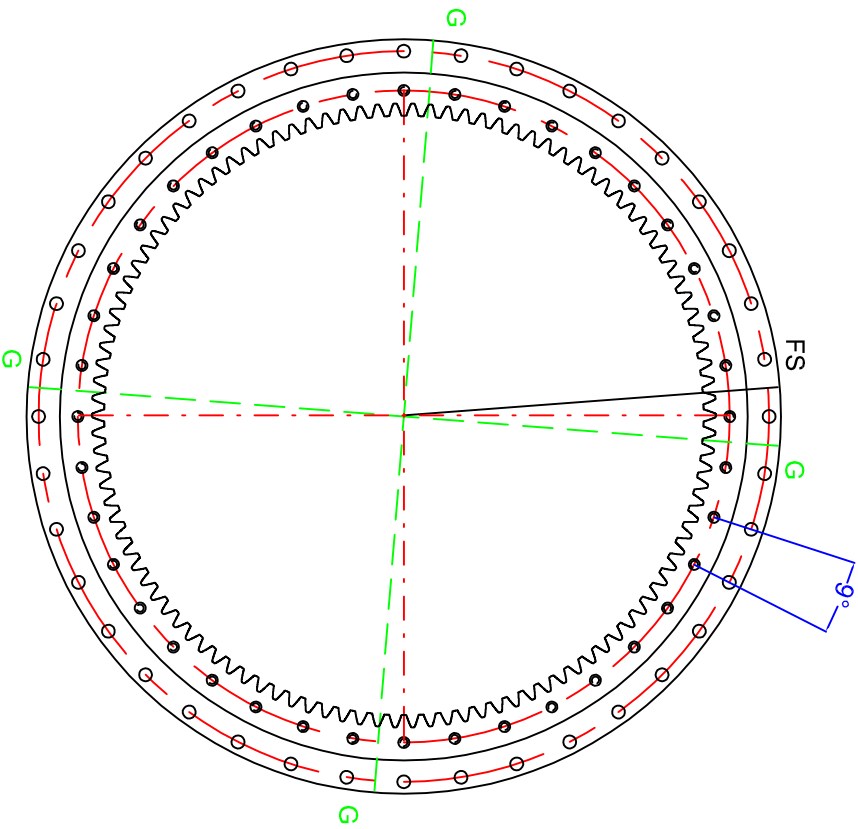
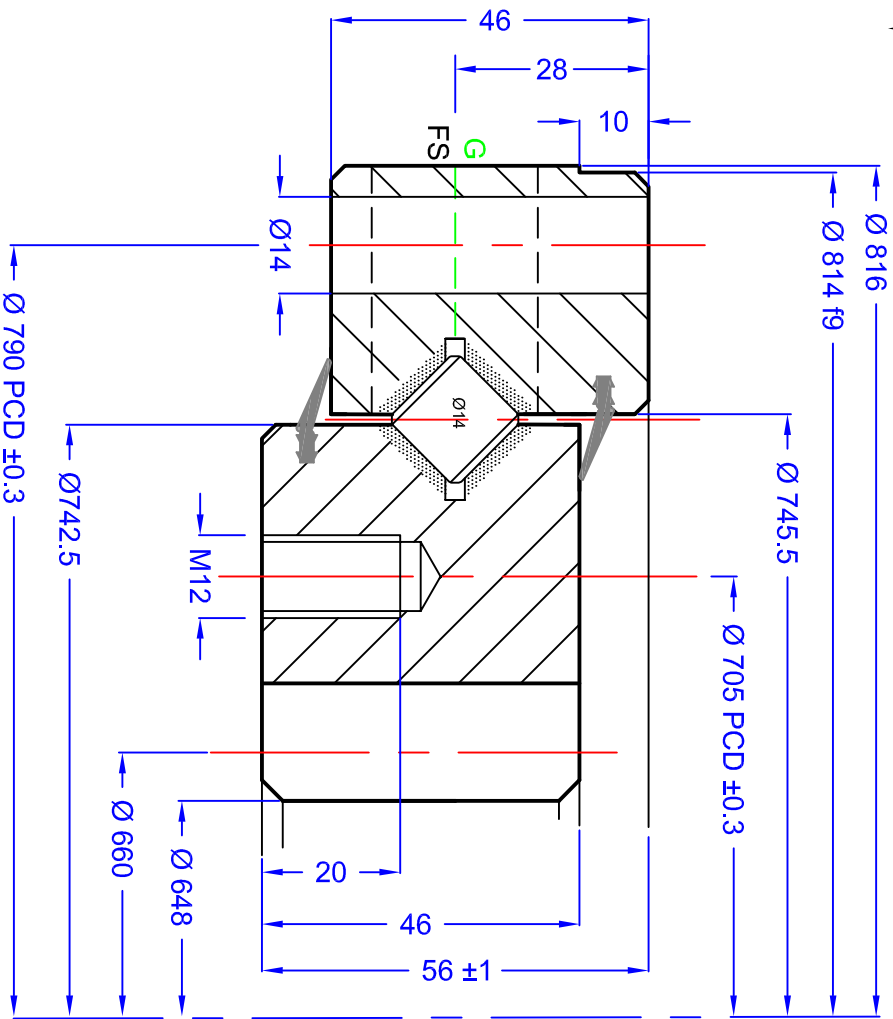


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	0.4	0.4	1.6	1.6	3.2	3.2	6.3	6.3	12.6	25	25	25	25	25	25	25

A



GEAR DATA	SPUR	WORM	HELICAL
HARDED GEAR	NO		
NUMBER OF TEETH (z)	110	MODULE (m)	6
PRESSURE ANGLE (α)	20°	DP	
ADDENDUM COEFFICIENT (x)	0		
PROFILE CORRECTION (y)	0	CALCULATED GEAR STRENGTH	
TRUNCATION (κ)	0	Fz (Normal)	KN
PITCH CIRCLE DIAMETER	660 mm	Fz (twin)	KN
MEASUREMENT ON K TEETH	mm	Pin Diameter	mm
RUNOUT NOT HARDED/HARDED		LOADING PLUG	'FS'
		SOFT ZONE	'R'
		SEAL SIZE	TBA

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 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	40 =
OUTER	40 =
MOUNTING HOLES	Ø 14
GREASE HOLES	G'
LOADING PLUG	'FS'
SOFT ZONE	'R'
SEAL SIZE	TBA

AXIAL PLAY	
RADIAL PLAY	0.12-0.28 mm
TURNING TORQUE	Nm
MATERIAL	42CrMo4 Q&T
WEIGHT	58 kg (est)
DEPTH OF HARDENING (standard)	mm

© NBC GROUP LTD. NOT TO BE COPIED WITHOUT PERMISSION

REV	DATE	MODIFICATION	REVISED BY
1			

QCB Bearings

SLEWING RINGS & DRIVES

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

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

QCB® is a registered trademark of NBC Group Ltd
QCB RS 11/2016

Imported by NBC Group Ltd

DATE: 04/01/2016

CHECKED: LLM

SIG 816 X14 01 AA LM