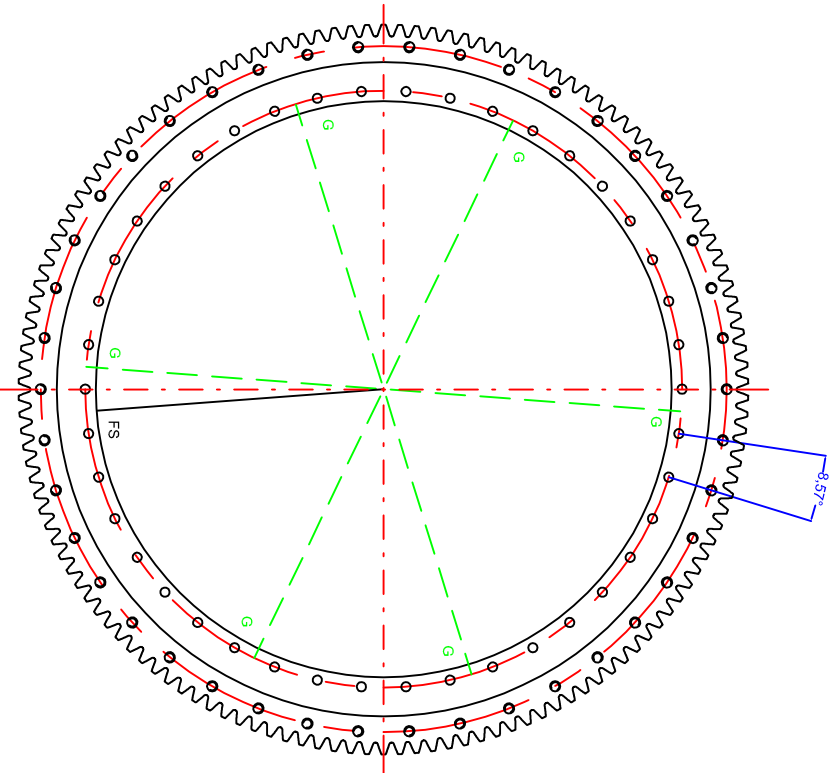
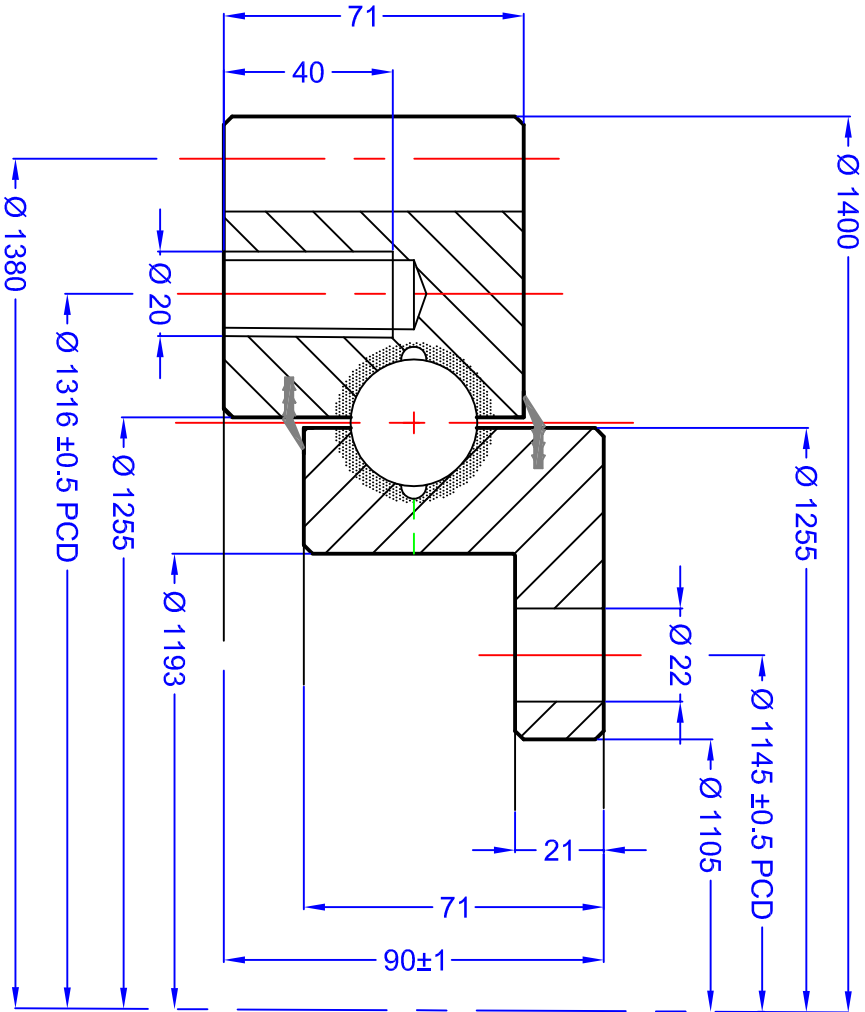
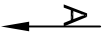


GEN. TOLERANCES		0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	✓	0.4	✓	1.6	✓	3.2	✓	6.3	✓	12.6	✓	25 ROUGH	✓		✓		



VIEW ON A-A SHOWING DRILLING PATTERN AND OTHER DETAILS

GEAR DATA		SPUR	WORM	HELICAL	Designed in accordance with designated QCB SLEWING RING STANDARDS												
HARDENED GEAR	NO				Non tolerated dimensions to ISO 2768-1 m												
NUMBER OF TEETH (z)	138		MODULE (m)	10	All burrs and sharp edges to be removed. Standard corner chamfer 1mm x 45°												
PRESSURE ANGLE (α)	20°		DP		Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof												
ADDENDUM COEFFICIENT (x)	0				The HAPNESS GAP is to be indicated by stamped letter R or a PAINT mark on the exterior surface												
PROFILE CORRECTION (y)	0				The high point of gear eccentricity to be indicated by GREEN or BLUE paint on 3 teeth												
TRUNCATION (mm)	0		CALCULATED GEAR STRENGTH		BOLT DATA												
PITCH CIRCLE DIAMETER	1380 mm		Fz (Normal)	KN	INNER	42 =	MOUNTING HOLES	Ø 22	TURNING TORQUE	Nm							
MEASUREMENT ON K TEETH	mm		Fz (Max)	KN	OUTER	42 =	MOUNTING HOLES	M 20	MATERIAL	42CrMo4 Q&T							
RUNOUT NOT HARDENED/HARDENED			Pin Diameter	mm	GREASE HOLES	G'	6 x M8	WEIGHT	216 kg (est)								
					LOADING PLUG	FS	SOFT ZONE	R'									
					SEAL SIZE	TBA											
© NBC GROUP LTD. NOT TO BE COPIED WITHOUT PERMISSION																	

REV	DATE	MODIFICATION	REVISED BY
1			

QCB
Bearings

SLEWING
RINGS &
DRIVES

Orleton Lane, Wellington, Telford, TF1 2BQ, UK
P: 01952 222300 F: 01952 242938
www.nbcbgroup.co.uk

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

DATE: 13/01/2016
CHECKED: LJM

FEEG 1400 32 00 AA LM