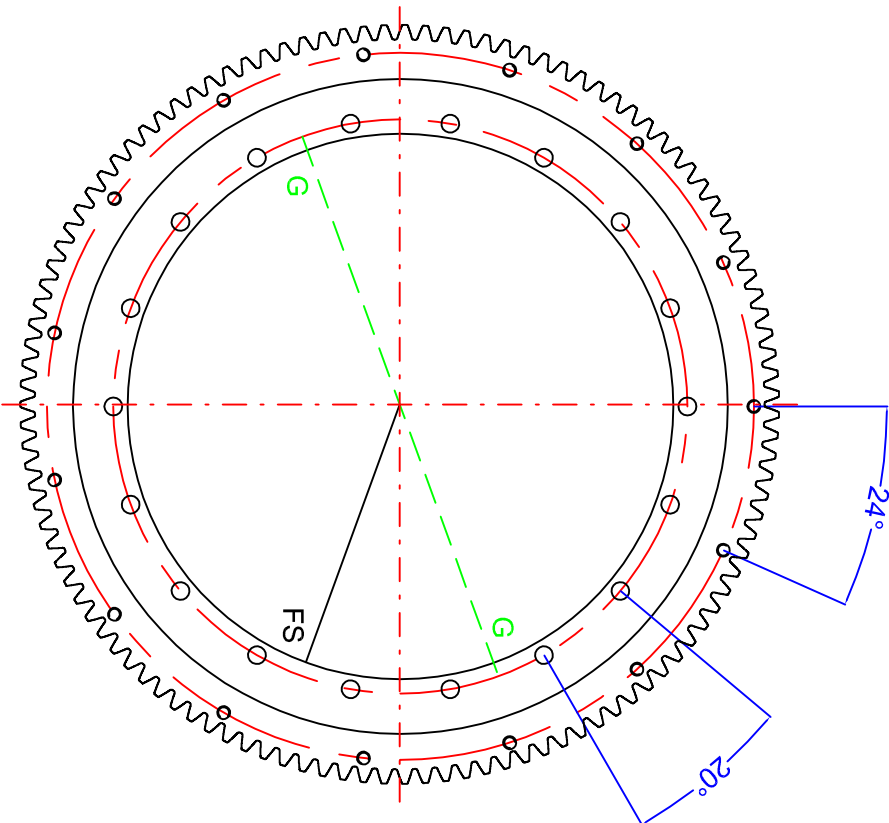
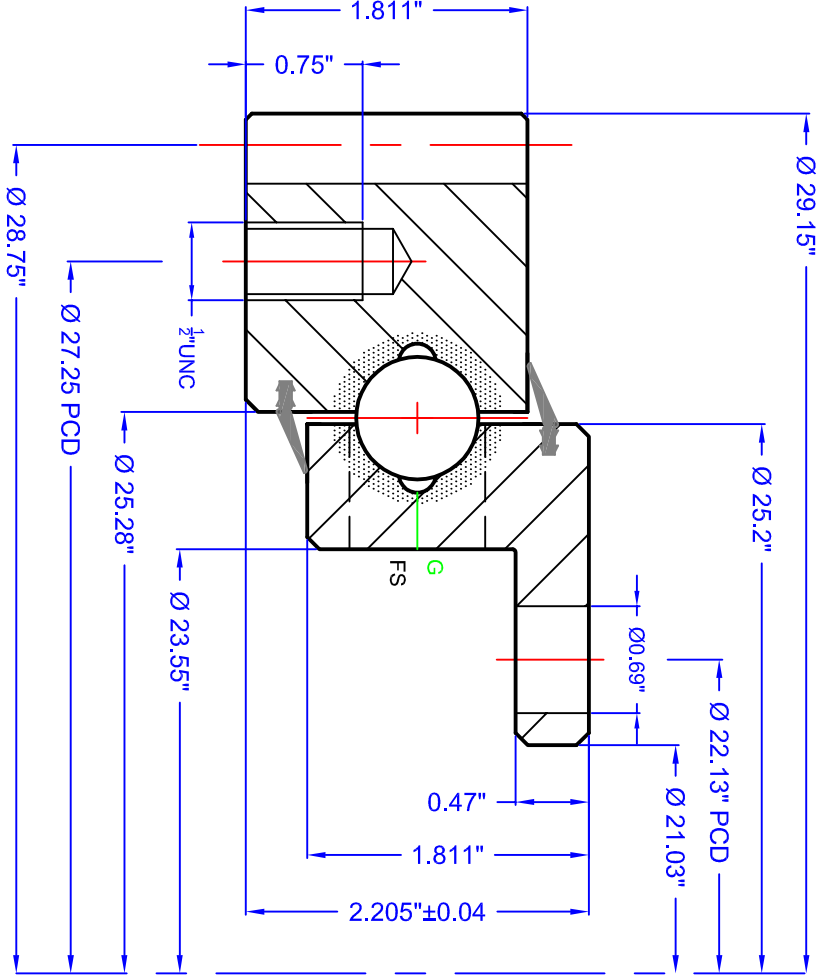
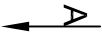


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	✓	0.4	✓	1.6	✓	3.2	✓	6.3	✓	12.6	✓	25 ROUGH	✓	✓	✓	✓



VIEW ON 'A' SHOWING DRILLING PATTERN AND OTHER DETAILS

GEAR DATA		SPUR	Designed in accordance with designated QCB SLEWING RING STANDARDS													
HARDENED GEAR	NO		Non tolerated dimensions to ISO 2768-1 m													
NUMBER OF TEETH (z)	115	MODULE (m)	All burrs and sharp edges to be removed; Standard corner chamfer 1mm x 45°													
PRESSURE ANGLE (α)	20°	DP	4	Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof												
ADDENDUM COEFFICIENT (x)				The HARDNESS GAP is to be indicated by stamped letter R or a PAINT mark on the exterior surface												
PROFILE CORRECTION (y)				The high point of gear eccentricity to be indicated by GREEN or BLUE paint on 3 teeth												
TRUNCATION (mm)		CALCULATED GEAR STRENGTH		BOLT DATA												
PITCH CIRCLE DIAMETER	28.75"	Fz (Normal)		INNER	18 =	MOUNTING HOLES	Ø0.69"	TURNING TORQUE		MATERIAL	42CrMo4 Q&T	WEIGHT	53 kg (58)			
MEASUREMENT ON K TEETH		Fz (Max)		OUTER	15 =	MOUNTING HOLES	Ø1.125UNC									
RUNOUT NOT HARDENED/HARDENED		Pin Diameter		GREASE HOLES	G'		2 X 1"-28UNF									
				LOADING PLUG	FS'	SOFT ZONE	R'									
				SEAL SIZE	TBA											
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REV	DATE	MODIFICATION	REVISED BY
1			

QCB

Bearings

SLEWING

RINGS &

DRIVES

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QCB RS 11/2016

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