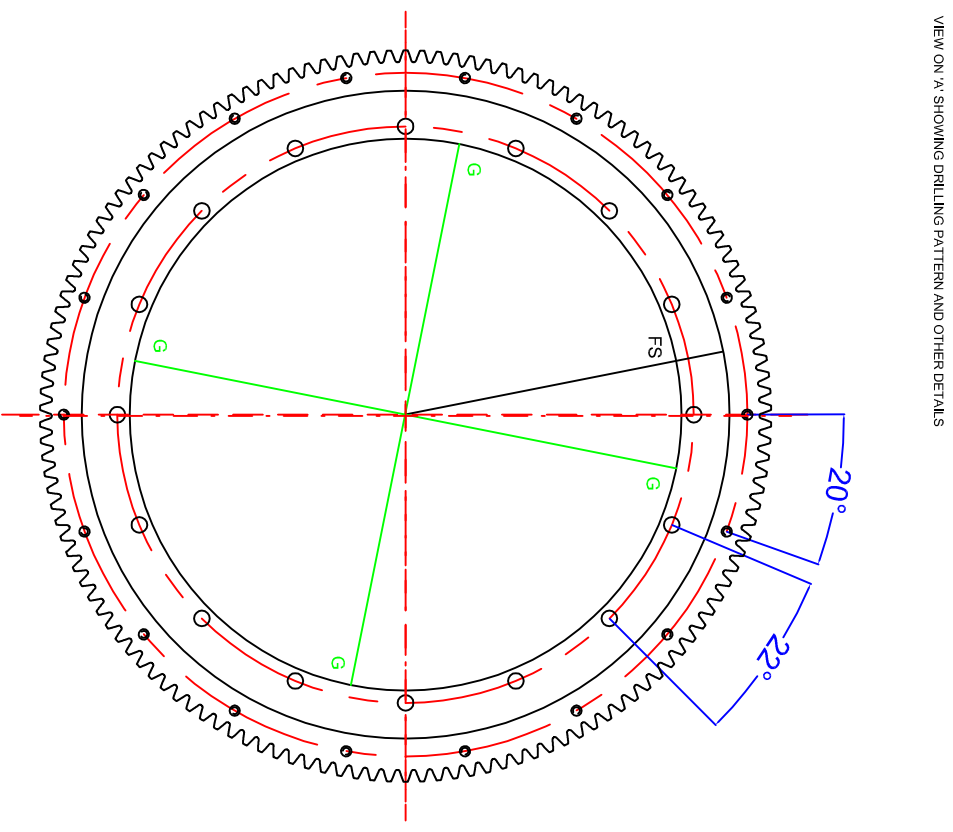
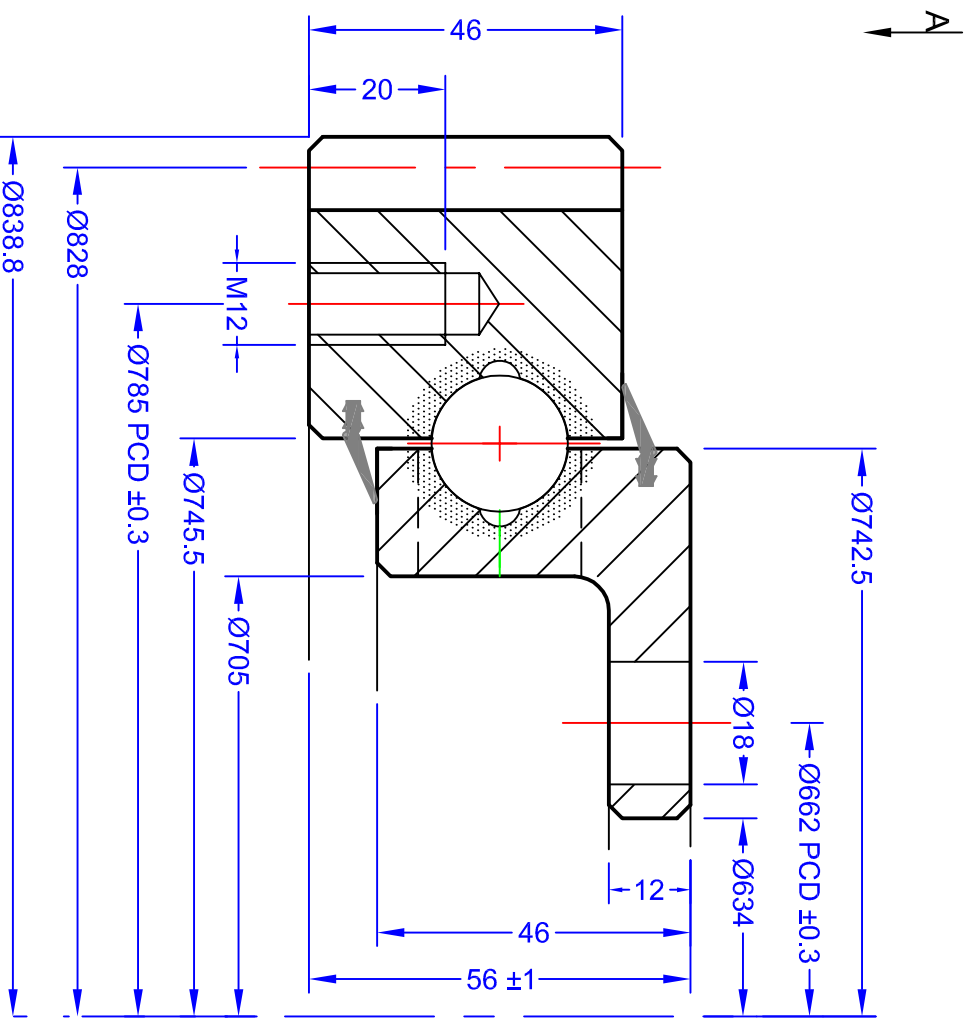


GEN. TOLERANCES	0.5 - 0.6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	0.4	▽	1.6	▽	3.2	▽	6.3	▽	12.6	▽	25 ROUGH	▽		▽		▽



GEAR DATA	SPUR
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HARDED GEAR	NO	MODULE (m)	6
NUMBER OF TEETH (z)	138	DP	
PRESSURE ANGLE (α)	20°		
ADDENDUM COEFFICIENT (x)	0		
PROFILE CORRECTION (y)	0		

TRUNCATION (r)	-0.6 mm	FN (Normal)	KN
PITCH CIRCLE DIAMETER	828 mm	FN (Allow)	KN
MEASUREMENT ON K TEETH	mm	Pin Diameter	mm
RUNOUT NOT HARDED/HARDENED		LOADING PLUG	'FS'
		SOFT ZONE	'R'
		SEAL SIZE	TBA

ADDENDUM COEFFICIENT (x)	0	CALCULATED GEAR STRENGTH	
TRUNCATION (r)	-0.6 mm	INNER	16 =
PITCH CIRCLE DIAMETER	828 mm	OUTER	18 =
MEASUREMENT ON K TEETH	mm	MOUNTING HOLES	Ø 18
RUNOUT NOT HARDED/HARDENED		GREASE HOLES	4 X M8
		LOADING PLUG	'FS'
		SOFT ZONE	'R'
		SEAL SIZE	TBA

Designed in accordance with designated QCB SLEWING RING STANDARDS

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

AXIAL PLAY	0.12-0.28 mm
RADIAL PLAY	0.12-0.28 mm
TURNING TORQUE	Nm
MATERIAL	42CrMo4 Q&T
WEIGHT	56 Kg (68l)
DEPTH OF HARDENING (standard)	mm

REV	DATE	MODIFICATION	REVISED BY
1			



SLEWING RINGS & DRIVES

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FEGG 850 20 00 AA LM

DRAWN:	LJM
DATE:	21/2/2015
CHECKED:	LJM