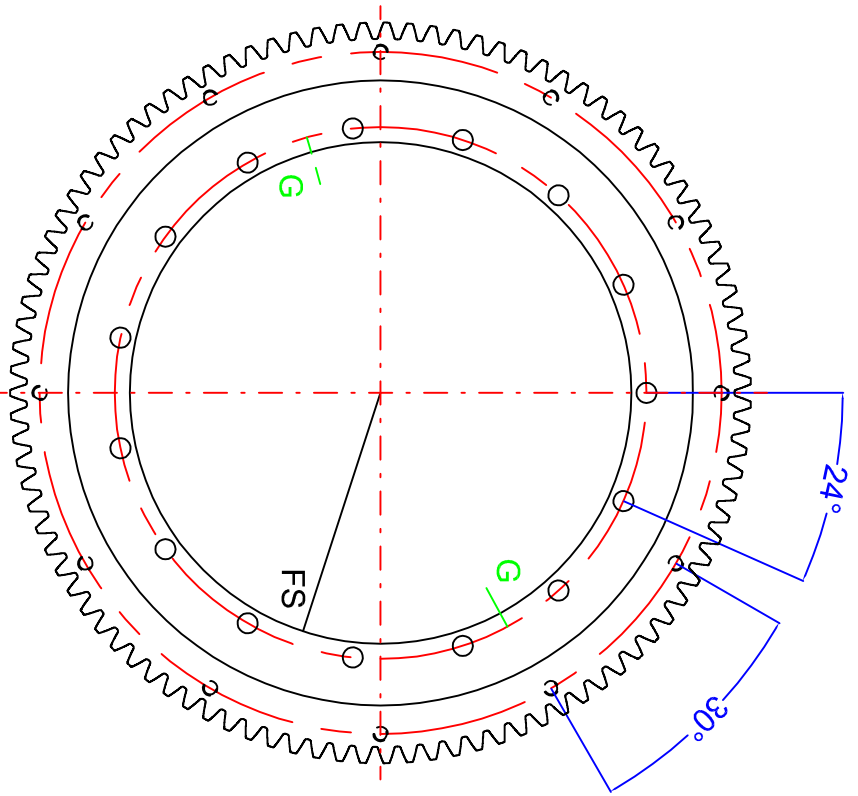
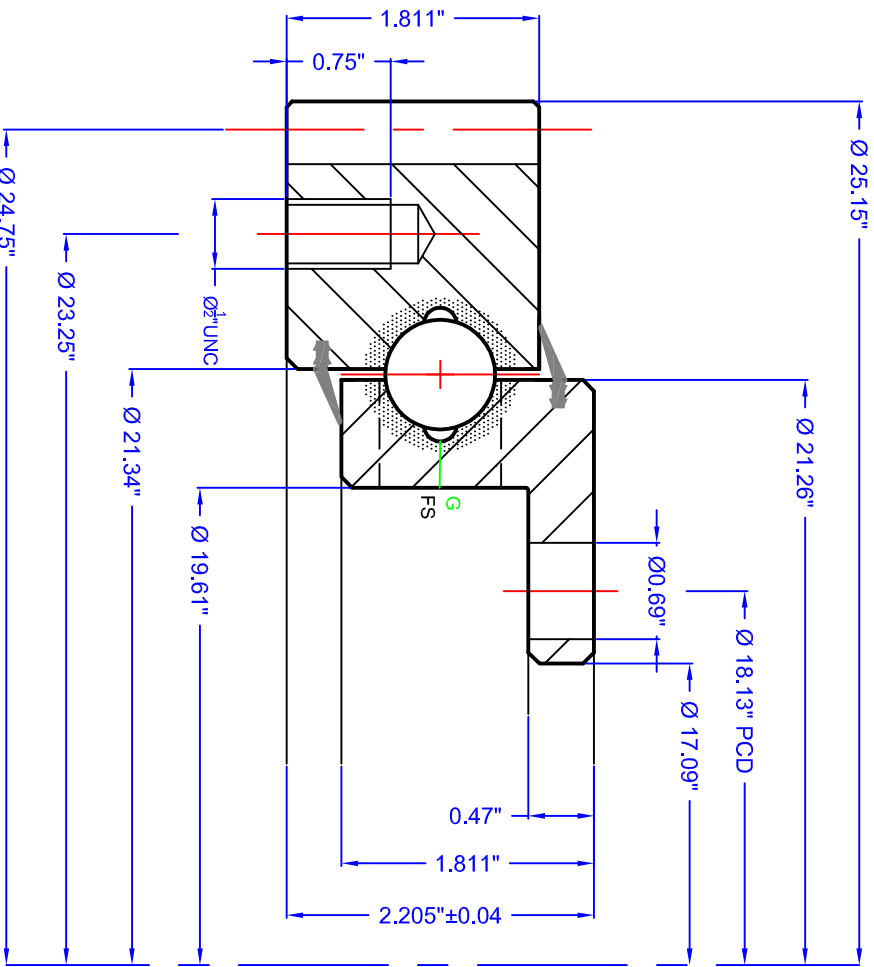
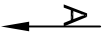


| GEN. TOLERANCES | 0.5 - 6 | ±0.1 | 6 - 30 | ±0.2 | 30 - 120 | ±0.3 | 120 - 315 | ±0.5 | 315 - 1000 | ±0.8 | 1000 - 2000 | ±1.2     | 2000 - 4000 | ±2 | 4000 - 8000 | ±3 |
|-----------------|---------|------|--------|------|----------|------|-----------|------|------------|------|-------------|----------|-------------|----|-------------|----|
| 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                                            |        |      | Designed in accordance with designated QCB SLEWING RING STANDARDS |         |                                                                                                  |
|------------------------------------------------------|--------|------|-------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------|
| HARDENED GEAR                                        | NO     | SPUR | WORM                                                              | HELICAL | Non tolerated dimensions to ISO 2768-1 m                                                         |
| NUMBER OF TEETH (z)                                  | 99     |      |                                                                   |         | All burrs and sharp edges to be removed; Standard corner chamfer 1mm x 45°                       |
| PRESSURE ANGLE (α)                                   | 20°    |      |                                                                   |         | Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof            |
| ADDENDUM COEFFICIENT (x)                             | 0      |      |                                                                   |         | The HARPCNESS 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            |
| CALCULATED GEAR STRENGTH                             |        |      | BOLT DATA                                                         |         |                                                                                                  |
| TRUNCATION (mm)                                      |        |      | F <sub>z</sub> (Normal)                                           | KN      | INNER                                                                                            |
| PITCH CIRCLE DIAMETER                                | 24.75" |      | F <sub>z</sub> (Max)                                              | KN      | OUTER                                                                                            |
| MEASUREMENT ON K TEETH                               |        |      | Pin Diameter                                                      | mm      | GREASE HOLES                                                                                     |
| RUNOUT NOT HARDENED/HARDENED                         |        |      |                                                                   |         | LOADING PLUG                                                                                     |
| © NBC GROUP LTD. NOT TO BE COPIED WITHOUT PERMISSION |        |      |                                                                   |         | SEAL SIZE                                                                                        |
|                                                      |        |      |                                                                   |         | TBA                                                                                              |

|     |      |              |            |
|-----|------|--------------|------------|
| REV | DATE | MODIFICATION | REVISED BY |
|     |      |              |            |

**QCB**  
Bearings

SLEWING  
RINGS &  
DRIVES

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|          |            |
|----------|------------|
| DRAWN:   | LW         |
| DATE:    | 17/05/2016 |
| CHECKED: | LJM        |