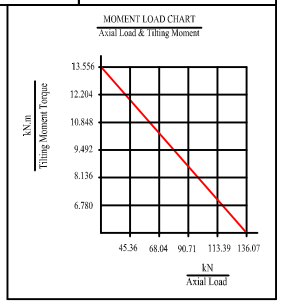
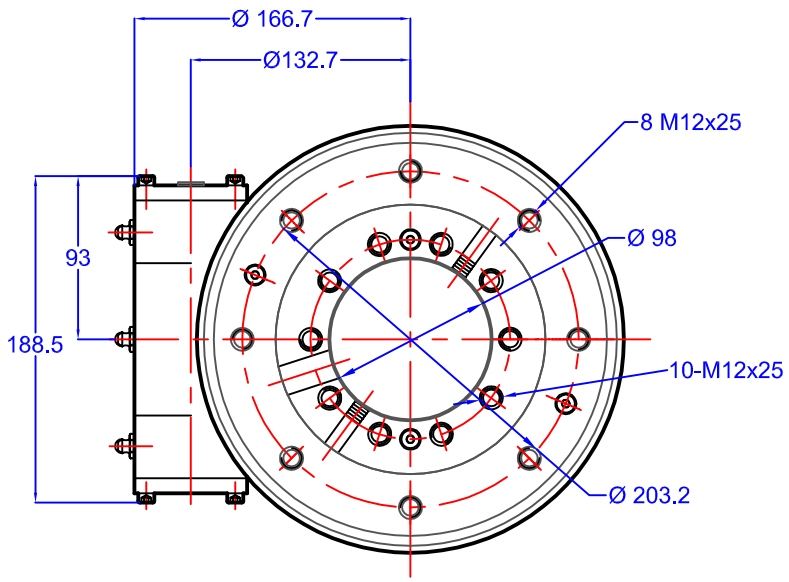
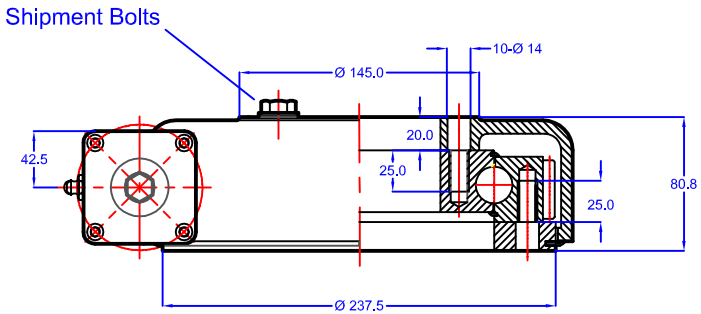
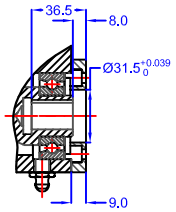
GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING √	0.4	√	1.6	√	3.2	√	6.3	√	12.6	√	25 ROUGH	√		√		

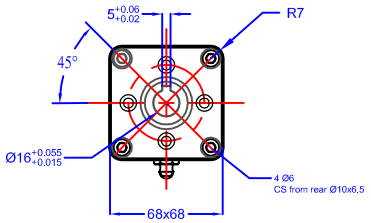
Slewing Drive Performance Data	
Gear Ratio	73:1
Rated Output Torque	1000 N.m
Output Torque （Max.）	1300 N.m
Tilting Moment Torque（Max.）	13.5 kN.m
Holdback Torque	10.4 kN.m
Axial Load（Max.）	136 kN
Self Locking Gears	Yes











GEAR DATA	SPUR	WORM	HELICAL
WORM GEAR RATIO	73:1		
OUTPUT TORQUE	1.5 KNm		
HOLDBACK TORQUE	10.4 KNm		
RATED OUTPUT SPEED	< 2.5 rpm		
TRACKING PRECISION	=< 0.2°		
MAXIMUM LOADS			
MAXIMUM MOMENT LOAD			

Designed in accordance with designated QCB SLEWING RING STANDARDS
Non toleranced 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 HARDNESS 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	10 =	MOUNTING HOLES	M12CS14	AXIAL PLAY	
OUTER	8 =	MOUNTING HOLES	M12CS14	RADIAL PLAY	
GREASE HOLES	'G'		1/8"x27 NPT	TURNING TORQUE	
LOADING PLUG	'FS'	SOFT ZONE	'R'	MATERIAL	
		SEAL SIZE	TBA	WEIGHT	25 kg
				DEPTH OF HARDENING (55-60HRc)	mm

© NBC GROUP LTD. NOT TO BE COPIED WITHOUT PERMISSION

REV	DATE	MODIFICATION	REVISED BY
A			

QCB Bearings — SLEWING RINGS & DRIVES

imported by NBC Group Ltd
Orleton Lane, Wellington, Telford, TF1 2BG, UK
P: 01952 222300 F: 01952 242938
www.nbcgroup.co.uk

QCB® is a registered trademark of NBC Group Ltd

QCB or NBC DRAWING NUMBER

WGSE 7 73 16 H R

QCB RS 11/2016

DRAWN:	LJM
DATE:	12/07/2016
CHECKED:	LJM