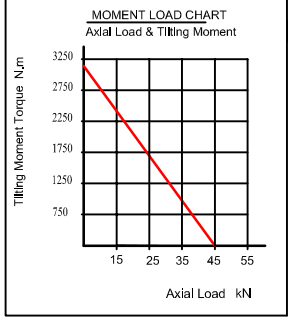
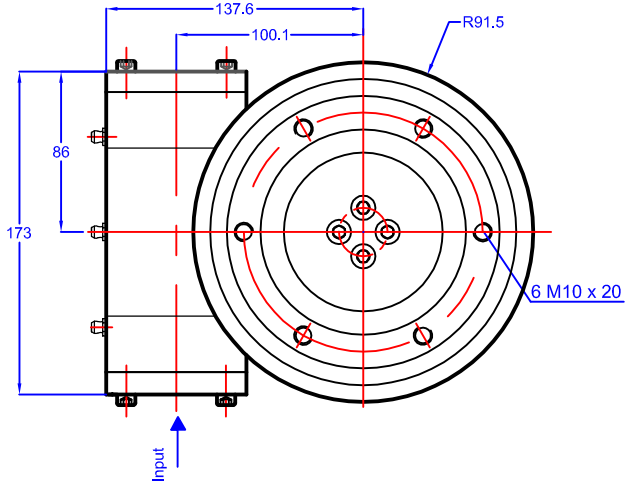
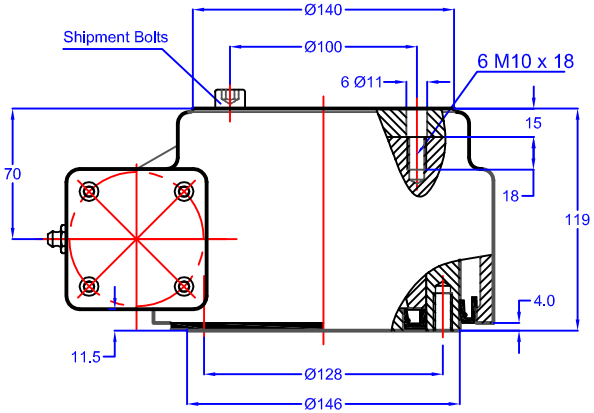
GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING √	0.4	√	1.6	√	3.2	√	6.3	√	12.6	√	25 ROUGH	√		√		

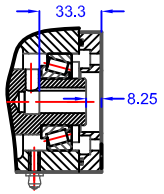
WGSE5A Slewing Drive Performance Data	
Rated Output Torque	600 N.m
Tilting Moment Torque（Max.）	3000 N.m
Holding Torque	5500 N.m
Axial Load （Max.）	45 kN
Radial Load （Max.）	22 kN
Ratio of Worm Gear	62:1
Tracking Precision	≤ 0.2 °

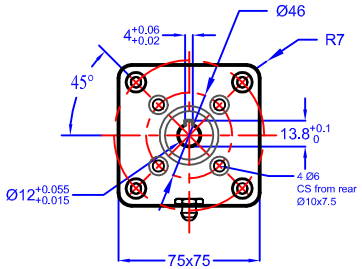






Input details 16mm ##1 shaft / View B





GEAR DATA	SPUR	WORM	HELICAL
WORM GEAR RATIO	62:1		
OUTPUT TORQUE	0.6 KNm		
HOLDBACK TORQUE	5.5 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	6 =	MOUNTING HOLES	M10	AXIAL PLAY	
OUTER	6 =	MOUNTING HOLES	M10	RADIAL PLAY	
GREASE HOLES	'G'		1/8"x27 NPT	TURNING TORQUE	
LOADING PLUG	'FS'	SOFT ZONE	'R'	MATERIAL	
		SEAL SIZE	TBA	DEPTH OF HARDENING (55-60HRc)	mm
				WEIGHT	20 kg

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REV	DATE	MODIFICATION	REVISED BY
A			

QCB Bearings — SLEWING RINGS & DRIVES

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QCB or NBC DRAWING NUMBER

WGSE 5A 62 16 H R

QCB RS 11/2016

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