



Notes:

1. Raceway of inner & outer ring induction hardened. hardness: 55~62HRC
Depth ≥ 3.5 mm
2. Inner & outer ring quenched & tempered, hardness: 207~262HB

Gear Data				Design	Check		Model		Weight				
Module	m	10	Gear heat treatment requirements	Date	Approve		113.28.1000		210kg				
Teeth no	z	83		Qty		Size	Axial clearance	0.02~0.04	Name	Slewing Bearing	Qty	Scale	
Teeth pressure angle	α	20°	Precision (GB10095-88)	10	Inner ring mounting hole	36	$\Phi 22$	Radial clearance	0.02~0.04	Material	50Mn	Total 1 page	The 1st page
Modification coefficients	x	+0.5	HRC		Outer ring mounting hole	36	$\Phi 22$	machine tolerances without notes ≤200 ≤500 ≤710 ≤1120 ±0.30 ±0.40 ±0.50 ±0.65 ≤1600 ≤2000 ≤2500 ≤3150 ±0.80 ±0.95 ±1.10 ±1.35 ≤4000 ≤5000 ±1.65 ±2.0					
Reduction coefficients	km	2.0	10		Oil hole	6	M10x1						
Pitch diameter	d	830							Technical processing standards without notes according to ...JB/T2300-2011				
				T: Pulg location S: Soft zone Y: Oil hole Z: Lifting hole									
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