



Notes:

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

Gear Data				Design		Check		Model		Weight			
Module	m	6	Gear heat treatment requirements	Date		Approve		013.30.630	110kg				
Teeth no	z	83		HRC	Qty	Size	Axial clearance	0.04~0.25	Name	Slewing Bearing	Qty	Scale	
Teeth pressure angle	$\alpha$	20°	Precision(GB10095-88)	10	Inner ring mounting hole	24	Φ18	Radial clearance	0.04~0.25	Material	50Mn	Total 1 page	The 1st page
Modification coefficients	x	+0.5			Outer ring mounting hole	24	Φ18						
Reduction coefficients	km	1.2			Oil hole	4	M10×1						
Pitch diameter	d	498											
				T: Pulg location	S: Soft zone	Y: Oil hole	Z: Lifting hole						

  

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		

  

Technical processing standards without notes according to ...JB/T2300-2011	

  

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