



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 HRC	Date		Approve		131.25.710				300kg		
Teeth no	z	145			Qty	Size	Axial clearance	0.03~0.06				Scale		
Teeth pressure angle	α	20°	Precision(GB10095-88)	10	Inner ring mounting hole	28	Φ18	Radial clearance	0.03~0.15					
Modification coefficients	x	+0.5			Outer ring mounting hole	28	Φ18	machine tolerances without notes						
Reduction coefficients	km	0.6			Oil hole	3×4	M10×1	≤200	≤500	≤710	≤1120			
Pitch diameter	d	870						±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					
				T:Pulg location S:Soft zone Y:Oil hole Z:Lifting hole				Technical processing standards without notes according to ...JB/T2300-2011						
								Material 50Mn Total 1 page The 1st page						
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