



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	14	Gear heat treatment requirements		Date	Approve		131.40.1800				1750kg	
Teeth no	z	145	HRC		Qty	Size	Axial clearance	0.03~0.10				Scale	
Teeth pressure angle	α	20°	Precision(GB10095-88)		10	Outer ring mounting hole	Radial clearance	0.06~0.25				The 1st page	
Modification coefficients	x	+0.5				Oil hole	3×6		M10×1				
Reduction coefficients	km	1.4											
Pitch diameter	d	2030											
				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/TZ300-2011					
								Material 50Mn Total 1 page The 1st page					
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