


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		133.40.1800				1750kg					
Teeth no	z	110		HRC		Qty	Size	Axial clearance	0.03~0.10								
Teeth pressure angle	α	20°	Precision(GB10095-88)	10	Inner ring mounting hole	48	Φ26	Radial clearance	0.06~0.25								
Modification coefficients	x	+0.5			Outer ring mounting hole	48	Φ26		machine tolerances without notes								
Reduction coefficients	km	2.8			Oil hole	3×6	M10×1		≤200	≤500	≤710	≤1120					
Pitch diameter	d	1540							±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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