



- Notes:
1. Raceway of inner & outer ring induction hardened. hardness: 55~62HRC
Depth ≥ 3.0mm
 2. Inner & outer ring quenched & tempered, hardness: 207~262HB

Gear Data				Design		Check		Model				Weight	
Module	m	6	Gear heat treatment requirements		Date	Approve		023.25.630				130kg	
Teeth no	z	81	HRC		Qty	Size	Axial clearance	0.10~0.20				Scale	
Teeth pressure angle	α	20°	Precision(GB10095-88)	10	Inner ring mounting hole	24	Φ18	Radial clearance	0.10~0.70				
Modification coefficients	x	+0.5			Outer ring mounting hole	24	Φ18	machine tolerances without notes					
Reduction coefficients	km	1.2			Oil hole	2x4	M8x1	≤200	≤500	≤710	≤1120		
Pitch diameter	d	486						±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					
				T:Pulg location		S:Soft zone		Y:Oil hole		Z:Lifting hole		Material	
												50Mn	
												Total 1 page	
												The 1st page	
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