



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  | 5    | Gear heat treatment requirements | Date  | Approve                  |       | 131.25.560 |  | 240kg     |  |
| Teeth no                  | z  | 142  |                                  | HRC   |                          | Qty   | Size       | Axial clearance  | 0.03~0.06 |  |
| Teeth pressure angle      | α  | 20°  | Precision(GB10095-88)            | 10  | Inner ring mounting hole | 24    | Φ18        | Radial clearance   | 0.03~0.15 |  |
| Modification coefficients | x  | +0.5 |                                  |   | Outer ring mounting hole | 24    | Φ18        |  |           |  |
| Reduction coefficients    | km | 0.5  |                                  |   | Oil hole                 | 3×4   | M10×1      |  |           |  |
| Pitch diameter            | d  | 710  |                                  |   |                          |       |            |  |           |  |
|                           |    |      |                                  | T:Pulg location S:Soft zone Y:Oil hole Z:Lifting hole |                          |       |            |  |           |  |
|                           |    |      |                                  |   |                          |       |            | Machine tolerances without notes<br>≤200 ≤500 ≤710 ≤1120<br>±0.30 ±0.40 ±0.50 ±0.65<br>≤1600 ≤2000 ≤2500 ≤3150<br>±0.80 ±0.95 ±1.10 ±1.35<br>≤4000 ≤5000<br>±1.65 ±2.0 |           | Material 550Mn<br>Total 1 page<br>The 1st page |
|                           |    |      |                                  |   |                          |       |            | XUZHOU WANDA SLEWING BEARING CO.,LTD<br>Fax: +86 516 83309366 Fax: +86 516 83915766<br>http://www.slew-bearing.com   |           |  |
|                           |    |      |                                  |   |                          |       |            | Technical processing standards without notes according to ...JB/T2300-2011   |           |  |