

To be confirmed

data 20.09.2024 signature

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1. The maximum swing torque of the fixed end: 5N·m. The swing is flexible without jamming.
2. The minimum static torsional strength is 1530N·m.
3. Axial clearance: Under $\pm 100\text{N}$ axial force of the drive shaft, the axial clearance of the fixed end $\leq 0.65\text{mm}$.
4. Circumferential clearance: Under $\pm 10\text{N}$ torque in the rotational direction of the drive shaft, the circular rotation angle clearance $\leq 1^\circ$.
5. Pull-off force requirement: Under the 2000N axial tensile force, the intermediate shaft is not allowed to come out of the universal joint.
6. Service life: No failure within 10000 kilometers or 1 year of use.
7. During assembly, inject an appropriate amount of Molybdenum disulfide lithium based grease into the dust cover of the fixed-end ball cage universal joint.
8. For the dust cover of the ball cage universal joint that can move axially, when assembled and locked with the clamp, it should ensure the same internal and external air pressure.
9. The appearance of the assembly is neat. The bearing stop and oil seal stop surfaces are anti-rust treated. Use a matching film bag of appropriate length for sealing packaging.
10. Mark the middle of the exposed part of the intermediate shaft (in bold 12-size font), including contents: User drawing number + production date.
11. parts 1 and parts 2 can be solely delivered without being assembled.

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