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Hst-plw200 differential bearing two-channel dynamic simulation testing machine

Product description:

The testing machine is mainly used to simulate the actual working state of the differential bearing. Through bringing the radial bearing spectrum, the axial load spectrum, the rotational speed variati



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The testing machine is mainly used to simulate the actual working state of the differential bearing. Through bringing the radial bearing spectrum, the axial load spectrum, the rotational speed variation spectrum, the velocity spectrum and the load spectrum on testing machine, testing machine is used by programmed instruction to complete the durability test of the differential bearing.

Main specifications, technical parameters and technical indicators:

No.	Item	Main specifications, technical parameters and technical indicators
1	Test bearing inner diameter	Φ30-70mm , 2 pieces per test
2	Maximum axial load of testing machine	±100kN , steady-state error ≤±2%FS
3	Maximum radial load of testing machine	±200kN , steady-state error ≤±2%FS
4	Test bearing maximum speed	5000r/min , steady-state error ≤±2%FS
5	Axial load, radial load and test speed can be loaded in a coordinated manner, and its coordinated phase can be set and controlled by computer.	
6	Control measurement : computer automatic control, automatic monitoring, automatic recording.	
7	Load spectrum user programmable.	
8	Maximum test steps: 100 steps.	