A SEPARATOR SKIDDING IN THE CYLINDRICAL ROLLER BEARING BETWEEN SHAFTS OF THE GAS TURBINE ENGINE

© 2009 V. V. Makarchuk¹, N. I. Petrov², V. I. Akifiev³

¹Air bearings factory
²Centre institute of aviation motor-building
³Samara state aerospace university

In article results of experimental researches and theoretical calculations of slippage of a separator in the cylindrical roller bearing between shafts of the gas turbine engine are presented.

Roller bearing, separator skidding, gas turbine engine

Makarchuk Vladimir Vladimirovich, General director of Air bearings factory, Samara. Phone: (846) 338-72-30. E-mail: secretar@samzap.ru. Area of research: Construction and production airspace bearings.

Petrov Nikolay Ivanovich, Candidate of technical sciences, Director of sector investigations bearings gas turbine engines of Centre institute of aviation motor-building, Moscow. Phone: (495) 362-49-72. E-mail: petnic@ciam.ru. Area of research: Construction and test bearings gas-turbine engines.

Akifiev Vladimir Ivanovich, Candidate of technical sciences, Docent of exploitation aircraft sub-faculty of Samara state aerospace university. Phone: (846) 267-46-14. E-mail: avi-john@mail.ru. Area of research: Mathematical modeling and programming.

References


