

Rolling bearing strain unit

Abstract

The object of this project is the design, study and construction of a rolling bearing strain unit which is to be used in conducting experiments with the objective of predicting their damage. The description of its development and design process is made using the guidelines VDI 2221 and VDI 2225, through a methodical course of the Researcher-Engineer's work. The stages followed start with the clarification of the problem and its conceptualization. Then, a table of specifications is drawn up. Finally, the ways of implementing its function are given, leading to the design and final control of the plant.

