

FORCE INTERACTION BETWEEN CAGE AND ELEMENTS OF HIGH SPEED BALL BEARING AND BEARING ASSEMBLY

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The analysis of cage force interaction with high-speed ball bearing units and bearing assembly was made. The working cage force system and initiation sources of the forces involved were presented, preselected ratios for determination of chosen forces required for stressed-deformed state and cage sizes evaluation were shown.

High speed bearing, cage, bearing assembly, interacting force, cage distortion

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