

Method for loading separators of large-scale roller bearings of mobile stock at tests is in application to rigidly fixed separator with fixed at its links additional load of varying dynamical load that changes by harmonic law. The varying dynamical load named is applied to links of separator that are placed at the beginning and at the end of zone of radial load, in places corresponding to power interaction of those links with rollers in process of operation of roller bearing. Amplitude of vibrations of separator is restricted at one side from outside in radial direction at section of half of its ring situated in opposite position with respect to place of application of load mentioned.