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Solovyov S.N. To landings' destination and gap junctions between cylinder and piston in hermetic compressors / S.N. Solovyov, S.J. Bodu // Internal combustion engines. –

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The adequacy of the theoretical relations used in the appointment of variables cylinder gaps is consider. The comparison of calculated and experimental values of parameters in conjugation under extreme temperature conditions is explored, the influence of size characteristics on the reliability parameters of friction surfaces, including changes in housing due to thermal strains is investigated. Tests of the compressor were carried out on various modes of operation of air conditioning, each mode was accomplished by the diagnostic in coupling. Studies have shown the reliability of theoretical relations used in the appointment of tolerances and clearances cylinder coupling. Observed during testing and operation of cases grasped of prehension are due to launch wear.

Table. 3. Bibliogr. 9 names.