



International
Standard

ISO 13332

**Reciprocating internal combustion
engines — Test code for the
measurement of structure-borne
noise emitted from high-speed
and medium-speed reciprocating
internal combustion engines
measured at the engine feet**

**Second edition
2026-01**

*Moteurs alternatifs à combustion interne — Code d'essai pour
le mesurage du bruit solide émis par les moteurs alternatifs à
combustion interne à vitesse élevée et à vitesse moyenne, mesuré
aux pieds du moteur*

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Foreword

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This document was prepared by Technical Committee ISO/TC 70, *Internal combustion engines*.

This second edition cancels and replaces the first edition (ISO 13332:2000), which has been technically revised.

The main changes are as follows:

- revised [Clause 3](#);
- "Symbols" in [Clause 4](#) of the previous edition has been deleted and the requirements for "measuring environment" has been added (see [Clause 4](#));
- "Technical Background" in [Clause 5](#) of the previous edition has been deleted and provisions for "measuring instruments" has been added (see [Clause 5](#));
- content related to the installation and operating conditions of the measured object has been moved to [Clause 6](#) of this document (see [Clause 6](#));
- content related to "acceleration measurement" has been moved to [Clause 7](#) of this document, requirements of measurement uncertainty have been supplemented; measurements of angular velocity and angular acceleration have been added (see [Clause 7](#));
- "calculation" has been added (see [Clause 8](#));
- added provisions on "record information" (see [Clause 9](#));
- requirements related to "Test report" has been added (see [Clause 10](#));
- requirements related to "connections between engine and test environment" has been added (see [Annex A](#));
- content on "sensor contact plane height correction" has been added (see [Annex B](#));
- relevant content of "Frequency range" in the previous edition [Clause 7](#) has been moved to [Annex C](#);

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— "Engine-Structure-borne Noise Characterization - Test Report Form" has been moved to [Annex D](#).

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