
**Mechanical vibration — Measurement
and evaluation of machine
vibration —**

**Part 9:
Gear units**

*Vibrations mécaniques — Mesurage et évaluation des vibrations de
machines —*

Partie 9: Engrenages

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Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 108, *Mechanical vibration, shock and condition monitoring*, Subcommittee SC 2, *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures*.

This first edition of ISO 20816-9 is a technical revision of ISO 8579-2:1993, which was withdrawn in 2016.

The main changes compared to ISO 8579-2:1993 are as follows:

- It has been re-formatted to match other parts of the ISO 20816 series and includes zones A to D.
- It has two new tables for values of vibration and displacement at zone boundaries.
- A table with values for vibration acceleration rating at zone boundaries has also been included.
- The classifications table has been revised, referring to these new rating tables.
- The displacement and velocity rating graphs have been moved into an informative annex.

A list of all parts in the ISO 20816 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.