

Third edition
2022-03

Synchronous belt drives — Metric pitch, curvilinear profile systems G, H, R and S, belts and pulleys

Transmissions synchrones — Pas métrique, systèmes à denture curviligne G, H, R et S, courroies et poulies



Reference number
ISO 13050:2022(E)

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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 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 4, *Synchronous belt drives*.

This third edition cancels and replaces the second edition (ISO 13050:2014), which has been technically revised.

The main changes are as follows:

- in [Formulae \(1\)](#) and [\(2\)](#), “ A_o ” has been added before the first square bracket;
- the formulae in the document have been renumbered and symbols are now used;
- the nomenclature has been changed in [Tables 1](#) and [14](#), and [Figures 1](#) and [11](#);
- belt width measurement methods were improved in [8.1.2](#), [9.1.2](#), [10.1.2](#), [11.1.2](#);
- total measuring forces are now for reference only in [8.1.3.2](#), [9.1.3.2](#), [10.1.3.2](#), [11.1.3.2](#);
- belt length measurement procedures were enhanced in [8.1.3.3](#), [9.1.3.3](#), [10.1.3.3](#), [11.1.3.3](#);
- the taper specification in [Annex C](#) was removed.

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