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Rolling bearings — Internal clearance —

Part 2:

Axial internal clearance for four-point-contact ball bearings

Roulements — Jeu interne —

Partie 2: Jeu interne axial pour roulements à billes à quatre points de contact



Reference number
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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 5753-2 was prepared by Technical Committee ISO/TC 4, *Rolling bearings*, Subcommittee SC 4, *Tolerances*.

ISO 5753 consists of the following parts, under the general title *Rolling bearings — Internal clearance*:

- *Part 1: Radial internal clearance for radial bearings*
- *Part 2: Axial internal clearance for four-point-contact ball bearings*

Introduction

Four-point-contact ball bearings are radial single-row angular contact ball bearings with raceways that are designed to support axial loads in both directions.

The axial clearance values apply to bearings supporting pure axial load in both directions, which are not mounted or preloaded and are not being subjected to any external load (i.e. with no measuring load being applied).

Depending on the design of the bearing and verification method, some dispersion of the results of measurements can be experienced due to verification uncertainties. Manufacturers and users are expected to take this into consideration.