

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 199

ROLLING BEARINGS

THRUST BALL BEARINGS WITH FLAT SEATS

TOLERANCES

PART 2

TOLERANCE CLASSES 6, 5 AND 4

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ROLLING BEARINGS

THRUST BALL BEARINGS WITH FLAT SEATS

TOLERANCES

PART 2

TOLERANCE CLASSES 6, 5 AND 4

1. SCOPE

- 1.1 This ISO Recommendation applies to the tolerances of thrust ball bearings with flat seats
- tolerance classes 6 and 5 for bore diameters up to and including 1250 mm, given in Table 1, and
 - tolerance class 4 for bore diameters up to and including 800 mm, given in Table 2.
- 1.2 The housing washer outside diameter tolerances are those given for the normal tolerance class in ISO Recommendation R 199, *Rolling bearings – Thrust ball bearings with flat seats – Normal tolerances*.
- 1.3 The cylindrical bore diameter “not go side” tolerance limit does not necessarily apply within a distance of twice the nominal washer chamfer dimension from the washer face.

2. SYMBOL

The following symbol is used in the Tables :

d = bore diameter of shaft washer of single and double direction thrust ball bearings.