

JIS

JAPANESE INDUSTRIAL STANDARD

Marking on Rolling Bearings and Packages

JIS B 1516—1987

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Marking on Rolling Bearings and Packages

B 1516-1987

1. Scope

This Japanese Industrial Standard specifies the markings on the rolling bearings, hereinafter referred to as the "bearings", of which designations are defined in JIS B 1513 and the markings on their packages.

2. Definitions

For the purposes of this Standard, JIS B 0104 and JIS Z 0108 apply.

3. Matters to Be Marked

The matters to be marked on the bearings and packages shall be in accordance with the following.

Furthermore, in the case where the matters which are not specified here are to be marked as required, it shall be as agreed between the parties concerned.

3.1 Bearings Items to be marked on the bearings shall be the nominal bearing number⁽¹⁾ and the manufacturer's name (or its abbreviation). However, if it is difficult to mark⁽²⁾, it may be omitted.

In addition, a part of nominal bearing number may be omitted as agreed between the parties concerned.

Furthermore, items to be marked on the separable type shall generally be the respective nominal bearing number and manufacturer's name (or its abbreviation) for the bearing ring and the bearing ring with rolling element. However, the individual basic numbers for the items to be marked for common parts⁽³⁾ may be replaced by the common symbols as stated below.

Reference: The bearing series of bearings using the common parts and common symbols are given in Reference 1.

- (a) The diameter series symbols and the inner bore numbers, instead of the basic number may be marked for the inner ring, outer ring and centre ring of the thrust ball bearing.

Although the parts of bearing series 511 specified in JIS B 1513 are not actually used in common, the denotation items for the common parts may also be used for them.

- (b) For the inner ring with rollers and outer ring with rollers of the cylindrical roller bearing, the diameter series symbol and bore number or the dimension series symbol and bore number may be used, instead of the basic number.

Applicable Standards and Reference Standards: See page 7.