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Cycles — Classification, terminology and essential characteristics

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In the event of any doubts arising as to the contents,
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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Bicycle Promotion Institute (JBPI)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS D 9111** : 2016), which has been technically revised.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, published patent application or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, published patent application or utility model rights.

Cycles — Classification, terminology and essential characteristics

Introduction

This Japanese Industrial Standard has been prepared based on ISO 4210-1 : 2023, Edition 2, and ISO 8090 : 2019, Edition 2, with some modifications of the technical contents.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standards. A list of modifications with the explanations is given in Annex JA. Changes made in Tables 1 and 3 from the previous edition (JIS D 9111 : 2016) are shown in Annex JB.

1 Scope

This Standard specifies type classification, terms, definitions and essential characteristics of cycles.

NOTE The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 4210-1 : 2023 *Cycles — Safety requirements for bicycles — Part 1: Vocabulary*

ISO 8090 : 2019 *Cycles — Terminology* (Overall evaluation: MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

2 Normative references

There are no normative references in this Standard.

3 Terms and definitions

Type classification and component classification of cycles, and principal terms and definitions related to cycles shall be as follows.

3.1 Type classification of cycles

a) **Type classification** Cycles are classified according to the laws and regulations and the number of wheels, as well as according to use and type as shown in Table 1. Examples of configurations of respective cycles are shown in Figures 1 to 9.

NOTE 1 The parenthesized numbers following the cycle type names indicate the term numbers given in this Standard.

NOTE 2 The standard numbers in the table indicate the product standards applicable to the particular cycle type.