



JAPANESE
INDUSTRIAL
STANDARD

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JIS B 0902 : 2001

(ISO 496 : 1973)

(JSA)

Driving and driven machines— Shaft heights

ICS 21.120.10

Descriptors : shafts (rotating), line shafting

Reference number : JIS B 0902 : 2001 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard 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 the Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law. Consequently **JIS B 0902 : 1976** is replaced with this Standard.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Driving and driven machines— Shaft heights

Introduction This Japanese Industrial Standard has been prepared based on the first edition of **ISO 496** *Driving and driven machines—Shaft heights* published in 1973 without modifying the technical contents but deleting the specification on inch series as a result of the SI adoption.

The portion underlined with dots is the matters not stated in the original International Standard.

1 Scope This Standard establishes four dimensional series of shaft heights for driving and driven machines.

Remarks : The International Standard corresponding to this Standard is as follows.

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

ISO 496 : 1973 *Driving and driven machines—Shaft heights* (IDT)

2 Definition For the purpose of this Standard the following definition applies.

shaft height : The distance, measured on the machine ready for delivery, between the centre line of the shaft and the base plane of the machine itself.

It does not include the liners used for assembly but, in cases where an insulation shim is supplied with the machine, the thickness of this shim shall be included in the shaft height, as regarded a part of the machine.

3 Nominal dimension h The values of the first series in table 1 are the preferred choice. If these do not suffice, use first the values of the second series, then those of the third and in exceptional cases the fourth series.