

JIS

JAPANESE INDUSTRIAL STANDARD

**Performance Test Method of
Small Size Air Cooled
Gasoline Engines for Land Use**

JIS B 8017^{—1987}

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Performance Test Method of
Small Size Air Cooled
Gasoline Engines for Land Use

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1. Scope

This Japanese Industrial Standard specifies the performance test method of small size air cooled gasoline engines, hereinafter referred to as the "engine", for agriculture and engineering, and for general land use power.

Remark: The units and numerical values shown in { } in this Standard, are in accordance with the conventional system of units and, shown as informative reference.

2. Definitions

For the purposes of this Standard main terms are in accordance with JIS B 0108, JIS B 0109 and JIS B 0110, and for others the following apply:

- (1) gross brake power The brake power measured on an engine test bed by equipped with only auxiliaries required for operation of engine (auxiliaries equipping condition A of Table 1).
- (2) net brake power The brake power measured by equipped with all auxiliaries required for operation of ordinary uses of engine (auxiliaries equipping condition B of Table 1).
- (3) continuous rated power The value designated by the engine manufacturer, hereinafter referred to as the "manufacturer", as the brake power capable of operating continuously for not less than 5 h.
Further, loading of 110 % can be permitted.

Applicable Standards:

JIS B 0108-Glossary of Terms Relating to Reciprocating Internal-Combustion Engines

JIS B 0109-Glossary of Terms Relating to Reciprocating Internal-Combustion Engines (Main Parts)

JIS B 0110-Glossary of Terms Relating to Reciprocating Internal-Combustion Engines (Attachments)

JIS Z 8806-Methods of Humidity Measurement

Reference Standard:

ISO 1584 Road vehicles - Engine test code - Net power