

JIS

JAPANESE INDUSTRIAL STANDARD

**Automotive engines — Carburetors
— Test methods**

JIS D 1613—1996

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by

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**In the event of any doubt arising,
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1. Scope This Japanese Industrial Standard specifies the testing methods for performances of the carburetor to be used in general automotive engines (hereafter referred to as “carburetor”), using gasoline as fuel.

Remarks: The following standards are cited in this Standard.

JIS B 0108	Glossary of terms relating to reciprocating internal-combustion engines
JIS B 0110	Glossary of terms relating to reciprocating internal-combustion engines (attachments)
JIS D 0203	Method of moisture, rain and spray test for automobile parts
JIS D 0207	General rules of dust test for automobile parts
JIS D 1001	Road vehicles – Engine power test code
JIS D 1010	General rules of running test method of automobiles
JIS D 1011	Road vehicles – Speed of meters – Methods of calibration
JIS D 1012	Fuel consumption test methods of automobiles
JIS D 1022	Driving test method of automobiles
JIS D 1030	Analytical procedure for continuous measurement of carbon monoxide, carbon dioxide and hydrocarbon in automobile exhaust gas
JIS D 1033	Mopeds and motorcycles – Method of measuring fuel consumption
JIS D 1035	Mopeds and motorcycles – Method of acceleration test
JIS D 1040	Mopeds and motorcycles – Method of driving test
JIS D 1601	Vibration testing methods for automobile parts
JIS K 2201	Gasoline for industrial purpose
JIS K 6301	Physical testing methods for vulcanized rubber
JIS Z 2371	Methods of neutral salt spray testing

2. Definitions For the purpose of this Standard, in addition to the following definitions, the definitions of JIS B 0108 and JIS B 0110 shall apply :

- (1) reference carburetor The carburetor which imparts the characteristic reference values in determination of criteria for acceptance inspection of carburetors.
- (2) perfect starting To start driving in which the engine does not stop unless it is subjected to any particular stopping operation in starting an engine.
- (3) initial firing The first explosion in combustion chamber after commencement of cranking (driving engine by means of a starter motor) in starting operation of an engine.