

JIS

JAPANESE INDUSTRIAL STANDARD

**Windshield wiper motors for
automobiles**

JIS D 5703^{—1995}

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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Windshield wiper motors for automobiles

D 5703-1995

1. Scope This Japanese Industrial Standard specifies the windshield wiper motors for automobiles (hereafter referred to as "wiper motors").

Remarks: The following standards are cited in this Standard:

JIS B 0209	Limits of sizes and tolerances for metric coarse screw threads
JIS B 0211	Limits of sizes and tolerances for metric fine screw threads
JIS C 1302	Insulation resistance testers
JIS C 1502	Sound level meters
JIS C 3406	Low-voltage cables for automobiles
JIS C 4003	Classification of materials for insulation of electrical machinery and apparatus
JIS D 0103	Glossary of terms relating to electric equipments for automobiles
JIS D 0201	Automobile parts general rules of electroplating
JIS D 0204	Method of high and low temperature test for automobile parts
JIS D 1601	Vibration testing methods for automobile parts
JIS D 5005	Nominal voltages and test voltages for automotive electric equipments
JIS Z 8703	Standard atmospheric conditions for testing
JIS Z 8731	Methods of measurement and description of A-weighted sound pressure level

2. Definitions For the purposes of this Standard, the definitions given in JIS D 0103 and the following definitions apply:

- (1) one-speed type A type in which the number of revolutions of motor shaft is not variable.
- (2) two-speed type A type in which the number of revolutions of motor shaft is variable in two steps.
- (3) stepless variable-speed type A type in which the number of revolutions of motor shaft is variable without steps.
- (4) cold state A state of motor at which the temperature inside the motor and the ambient temperature are equal and are ordinary temperature.
- (5) locked-rotor torque The torque exerted by the shaft of R type motor or the final rotating shaft of P or F type motor (see Table 1 of 3) when the shaft is bound in cold state.