

ICS 29.160.30

CCS K24



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 13633-2015

Replacing GB/T 13633-1992

**General specification for permanent magnet
D.C.tachogenerator**

永磁式直流测速发电机通用技术条件

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Classification and status

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About this English translation

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 13633-1992 "permanent magnet DC tachometer generator General technical conditions." This standard compared with GB/T 13633-1992, in addition to editorial changes outside the main technical changes are as follows:

--- For the GB/T 7345-2008 "motor control basic technical requirements" harmonized, in the first chapter choreography than Big adjustment.

--- Increased speed machine "is greater than the base 130", "130 less than the base" of insulation dielectric strength and the detailed requirements for leakage current peak (See 4.9);

--- Add "salt spray" technical requirements and test methods (see 4.28);

--- Increase the rms ripple factor test method (see 4.18.2);

--- The accuracy of the test equipment has more specific requirements;

--- Delete "short-term voltage stability" and "long voltage stability," the technical requirements and test methods (see 1992 edition 4.16,4.17). The standard proposed by China Electrical Equipment Industrial Association. This standard by the National Standardization Technical Committee micromotor (SAC/TC2) centralized. This standard was drafted. Xi'an Institute of micro-motor, Shandong Shan Bo Electric Group Co., Ltd., Beijing Science and Technology Co., Ltd. Yi can cube, into They are precision motor factory, Guilin Electric Apparatus Research Institute Co., Ltd., Beijing Jingyi Electrical Technology Co., Ltd. dedication. The main drafters. Zhang Wenxia, \u200b\u200bMade Li, Wang Jian, Peng Jun sound, Jiang Xiaolin, Duduan Hua, Zhao Donghong. This standard replaces the standards previously issued as follows:

--- GB/T 13633-1992. Permanent magnet DC tachometer generator General technical conditions

1 Scope

GB/T 13633-2015 is the Chinese national standard on general specification for permanent magnet d.c.tachogenerator, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 15 May 2015 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2015. Classification: ICS 29.160.30, CCS K24. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the classification of permanent magnet DC tachogenerator, technical requirements and test methods, inspection rules and delivery preparation. This standard applies to permanent magnet DC tachogenerator (hereinafter referred to tachog).

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2828.1-2012 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan

GB/T 7345-2008 control electrical machines

GB/T 7346 motor control basic shape structure type

GB/T 10405-2009 Motor control type designation

JB/T 8162-1999 motor control packaging technology conditions Category 3

3.1 Model Tachometer model naming should be consistent with

GB/T 10405-2009 provisions (see Appendix A), or defined by the product-specific technical requirements.

3.2 Frame Tachometer includes assembled and dispensing structure type, frame size according to the provisions of GB/T 7346's.

3.3 schematic 1 shows a circuit diagram of FIG. figure 1

3.4 Technical Performance Parameters Technical performance parameters include tachog tachometer at maximum operating speed of the linear load current maximum or minimum

load resistance by producing Product-specific technical conditions.

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