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

GB/T 22682-2008

Straight grinders

直向砂轮机

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Foreword

The standard proposed by China Electrical Equipment Industrial Association. This standard by the National Standardization Technical Committee on Power Tools (CAS/T C68) centralized. This standard is drafted by: Yangzhou Power Tools Co., Ltd., Shanghai Electric Tool Research Institute. The main drafters of this standard. Wang Yue, Liu Jiang, Wang Changping. Vertical grinder

1 Scope

GB/T 22682-2008 is the Chinese national standard on straight grinders, in the field of manufacturing 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 31 December 2008 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 October 2009. Classification: ICS 25.140.20, CCS K64. 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 basic parameters and vertical grinder type, technical requirements, test methods and inspection rules and other requirements. This standard applies to general environmental conditions, using a common flat-shaped grinding wheel, grinding steel with a circumferential face of the single-phase series, three-phase work IF frequency and three vertical grinder (hereinafter referred to as grinding machine). This standard does not apply to bowl straight grinder, hand-held flexible shaft grinders and other types of sanding tools.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 755-2008 rotating motor fixed and performance (IEC 60034-1.2004, IDT)

GB 1002 Household and similar single-phase plugs and socket type, basic parameters and dimensions

GB 1003 Household and similar three-phase plug and socket type, basic parameters and dimensions

GB 2099.1-2008 plug socket for household and similar purposes - Part 1. General requirements (

IEC 60884-1.2006, E3.1, MOD) The first part of the

GB 3883.1-2005 Safety hand-held power tools. General requirements (

IEC 60745-1.2003, Ed3.2, IDT) Particular requirements for grinders, polishers and disc sanders.

GB 3883.3-2007 safety hand-held electric tools Part (

IEC 60745-2-3.2006, Ed.2, IDT)

GB 4343.1-2003 Electromagnetic compatibility appliances, electric tools and similar apparatus - Part 1 launch (IEC /CISPR14-1.2000, IDT)

GB/T 4583-2007 Power Tools Noise Measurement Engineering method (ISO 3744.1994, NEQ)

GB/T 5013.4-2008 rated voltage of 450/750V and below rubber insulated cables Part 4. Cords and flexible cables (IEC 60245-4.2004, IDT)

GB/T 5023.5-2008 rated voltage of 450/750V and below PVC insulated cables Part 5. Flexible cables (cords) (IEC 60227-5.2003, IDT)

3.1 Basic parameters

3.1.1 Single-phase series and basic parameters of the three-phase IF grinder should meet the requirements in Table 1.