

ICS 21.220.10

CCS G42



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

GB/T 15327-2018

Replacing GB/T 15327-2007

Variable-speed wide V-belt for industry

工业用变速宽V带

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 15327-2007 "Industrial variable speed V-belt". Compared with GB/T 15327-2007, except for editorial repair The main technical changes changed are as follows:

--- Revised the adhesive strength requirements for industrial variable speed V-belt ropes (see 5.3,

4.3 of 2007 edition). This standard was proposed by the China Petroleum and Chemical Industry Federation. This standard is under the jurisdiction of the National Technical Committee on Pulley and Belt Standardization Technical Committee (SAC/TC428/SC3). This standard was drafted. Ningbo Fulong Synchronous Belt Co., Ltd., Ningbo Kaichi Tape Co., Ltd., Weishi County Zhongyuan Rubber Co., Ltd., Zhejiang Jiang Zijinang Tape Co., Ltd., Zhejiang Kaiou Transmission Belt Co., Ltd., Shaoxing Keqiao Shuanghua Tape Co., Ltd., Qingdao Product Quality Institute of Inspection Technology. The main drafters of this standard. Pan Hairui, Deng Ying, Ying Jianli, Wang Guangyi, Li Shuguo, Xie Deli, Sun Guohua, Zeng Xianyi. The previous versions of the standards replaced by this standard are.

---GB/T 12733-1994;

---GB/T 15327-1994, GB/T 15327-2007. Industrial variable speed wide V belt

1 Scope

GB/T 15327-2018 is the Chinese national standard on variable-speed wide v-belt for industry, in the field of mechanical systems and components. 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 14 May 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2018. Classification: ICS 21.220.10, CCS G42. 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.

4 models and markings

4.1 Model The wide V-belt model is divided into nine types. W16, W20, W25, W31.5, W40, W50, W63, W80, and W100.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 321 priority number and priority number

GB/T 3686 belt drive V-belt and V-ribbed belt tensile strength and elongation test method

GB/T 3688 V belt rope bonding strength test method V-belt fatigue test for

GB/T 12735 belt drive agricultural machinery Test method for measuring the variation of center distance of uniformity of GB/T 13490 V belt

3 Structure

The wide V-belt is divided into two types. a wide V-belt type and a wide V-belt type. The wide V belt is composed of cloth, top cloth, top rubber, cushion rubber, tensile body, primer, bottom rubber cloth, and bottom cloth (see Figure 1).

a) edging wide V-belt

b) trimming wide V-belt Description. 1

---resistance; 2

--- top cloth; 6

--- bottom rubber cloth; 3

--- top rubber; 7

---buffer glue; 8

---backing cloth. Figure