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

GB/T 1796.2-2024

Replacing GB/T 1796.2-2016

Tyre valves - Part 2: Rubber base valves

轮胎气门嘴 第2部分：胶座气门嘴

(English Translation)

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Table of Contents

Preface
Introduction
1 Scope
2 Normative references
3 Terms and Definitions
4 Model mark
5 Structural type
6 Type, structure, size and material of parts
7 Appearance
8 Thickness of the edge of the rubber seat.
9 Maximum operating pressure
10 Sealing
11 Adhesion strength and adhesion rate of rubber and metal body
12 Test methods
13 Inspection Rules
14 Labeling, packaging and storage
Appendix A (Informative) Comparison of models in this document with foreign models

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 2 of GB/T 1796 Tire Valves. GB/T 1796 has been published in the following parts.

- Part 1: Compression-type inner tube valves;
- Part 2: Rubber seat valve;
- Part 3: Snap-on valves;
- Part 4: Compression-type tubeless valves;
- Part 5: Large core valves;
- Part 6: Valve core;

--- Part 7: Parts.

This document replaces GB/T 1796.2-2016 "Tire valves - Part 2: Rubber seat valves" and is consistent with GB/T 1796.2-2016.

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) The wording of "scope" has been changed (see Chapter 1, Chapter 1 of the 2016 edition);
- b) Added AA05C and AA06C valve models and sizes (see Figure 1 and Figure 25);
- c) Added AA21C~AA25C valve models and sizes (see Figure 4 and Figure 28);
- d) The length dimension of "thread 8V1" has been changed (see Figure 11, Figure 35, Figure 10, Figure 33 of the 2016 edition);
- e) Added the model and size of CF06 valve and "No. 4 core chamber for DF01" (see Figure 16 and Figure 40);
- f) The height dimensions of the glue seat and the glue stopper as well as the marking positions of the dimension lines have been changed (see Figure 25, Figure 24 of the 2016 edition);
- g) The height dimension of the glue stopper and the marking position of the dimension line have been changed (see Figure 26, Figure 25 of the 2016 edition);
- h) The height dimension of the glue stopper has been changed (see Figure 27, Figure 26 of the 2016 edition);
- i) The angle tolerance provision of " $85^{\circ} \pm 1.5^{\circ}$ " has been deleted (see Figure 32 of the 2016 edition);
- j) The diameter of the metal chassis has been deleted (see Figure 33 of the 2016 edition);
- k) Changed the rubber seat thickness dimension and the rubber seat diameter dimension in the "D" column of the chart (see Figure 36, Figure 34 of the 2016 edition);
- l) Added the requirements for H08C valve cores and deleted the requirements for H07C valve cores (see 6.8, 6.8 of the 2016 edition);
- m) Added the requirements for core cavity No. 5C (see 6.9);
- n) Added the thread type, limit size and tolerance requirements for thread M2x0.5 and thread 3/16-40 (see 6.10);
- o) Changed the maximum operating pressure requirements for CJ08 and CJ09 valves (see Table 5, Table 5 of the 2016 edition);
- p) Changed the adhesion strength requirements between the rubber and metal body of the

valve body and valve seat (see Table 6, Table 6 of the 2016 edition);

q) The inspection items in the "Valve Inspection Grouping" table have been changed (see Table 7, Table 7 of the 2016 edition).

Introduction

GB/T 1796 "Tire Valve" is a product standard. my country has established product standards applicable to various types of tire valves.

System. The standard is divided into 7 parts.

--- Part 1: Compression-type inner tube valve. The purpose is to establish the production, use and inspection of compression-type inner tube valve products.

The basis of.

--- Part 2: Rubber seat tire valves. The purpose is to establish the basis for the production, use and inspection of rubber seat tire valves.

--- Part 3: Snap-on tire valves. The purpose is to establish the production, use and inspection of snap-on tire valves.

in accordance with.

--- Part 4: Compression-type tubeless tire valves. The purpose is to establish the requirements for the production and use of compression-type tubeless tire valves.

The basis for use and inspection.

--- Part 5: Large core cavity tire valves. The purpose is to establish the production, use and inspection of large core cavity tire valves.

in accordance with.

--- Part 6: Valve core. The purpose is to establish the basis for the production, use and inspection of tire valve core products.

--- Part 7: Components. The purpose is to establish the basis for the production, use and inspection of tire valve components.

Tire valve

Part 2: Rubber seat valve

1 Scope

This document specifies the model marking, structural type, component type, structural dimensions and Material, appearance, rubber seat edge thickness, maximum operating pressure, sealing, rubber and metal body adhesion strength and adhesive rate, test

method, inspection Rules, marking, packaging and storage.

This document is applicable to valves for inner tubes of trucks, industrial vehicles, agricultural vehicles, construction machinery, motorcycles, electric bicycles and rickshaws.

Mouth manufacturing.

This document does not apply to valves for aircraft tires.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 1796.6 Tire valves Part 6: Valve core GB/T 1796.7 Tire valves Part 7: Components
GB/T 2828.1-2012 Sampling procedures for inspection by attributes Part 1: Sampling for batch inspection based on acceptance quality limit (AQL) plan GB/T 9764 Tire valve core cavity GB/T 9765 Tire valve thread GB/T 9766.2 Tire valve test methods Part 2: Rubber seat valve test methods GB/T 12839 Tire valve terms and definitions GB/T 21285 Marking method for tire valves and their components

3 Terms and definitions

The terms and definitions defined in GB/T 12839 apply to this document.

4 Model marking

The model marking of the product shall comply with the provisions of GB/T 21285. For the comparison between the models in this document and foreign models, please see Appendix A.

5 Structural type

The structural type of the valve nozzle should comply with the requirements of Table 1 and Figures 1 to 24.