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

GB/T 21283.3-2008

**Rotary shaft lip-type seals incorporating thermoplastic sealing
elements -- Part 3: Storage, handling and installation**

密封件为热塑性材料的旋转轴唇形密封圈 第3部分：贮存、搬运和安装

(English Translation)

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Foreword

GB/T 21283 "sealing elements for the thermoplastic material rotary shaft lip seals" is divided into six sections.

- Part 1. Basic dimensions and tolerances;
- Part 2. Vocabulary;
- Part 3. Storage, handling and installation;
- Part 4. Performance test procedures;
- Part 5. Identification of visual defects;
- Part 6. thermoplastic and elastomeric properties of the coating material requirements.

This is Part 3 GB/T 21283 of.

This part identical with ISO 16589-3:2001 "sealing elements for the thermoplastic material rotary shaft lip seals - Part 3. Storage Storage, handling and installation "(in English).

This section is equivalent translation ISO 16589-3:2001, which reference standard GB/T 21283.1 modify using ISO 16589-3:2001's Reference standard ISO 16589-1:2001, but the standard reference section (ie lead-in chamfer 7.4) and ISO 16589-1:2001 agreement.

For ease of use, this section made the following editorial changes.

- Delete international standards foreword.

This part is proposed by the China Petroleum and Chemical Industry Association.

This part of the National Rubber and rubber products sealing products Standardization Technical Committee Technical Committee (SAC/TC35/SC3) Centralized.

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Introduction

Rotary shaft lip seals are used to seal liquid on the relatively low pressure device. The most typical is the axis of rotation of the stationary chamber, However, in some cases, the shaft is stationary and rotating cavity.

Typically, there is a dynamic seal designed interference fit between the shaft and the flexible seal member.

Similarly, between the outer and inner hole seal cavity interference fit can seal liquid and prevents static leakage.

To avoid damage, before installation and during installation, it is necessary to be careful of all seal storage, handling and safety Equipment, improper storage, handling and installation can affect the seal life.

GB/T 21283.3-2008/ISO 16589-3:2001 the sealing element is a thermoplastic material rotary shaft lip Rings - Part 3. Storage, handling and installation

1 Scope

This section GB/T 21283 describes a sealing element is a thermoplastic material rotary shaft lip seal, the sealing element is a thermoplastic Materials such as polytetrafluoroethylene (PTFE) as the base, with a suitably formed.

This section provides the sealing element is a thermoplastic material rotary shaft lip seals in the storage, handling and installation guide. mention Illustrating the hazards involved and the methods to avoid these hazards.

This section applies to the sealing element is a thermoplastic material rotary shaft lip seals (hereinafter referred to as the ring).

Note: GB/T 21283 and GB/T 13871 complementary, GB/T 13871 stipulated elastomer seal.

2 Normative references

The following documents contain provisions which, through reference GB/T 21283 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 17446 Fluid power systems and components Terminology (GB/T 17446-1998, idt ISO

5598. 1985) GB/T 21283.1 sealing element is a thermoplastic material rotary shaft lip seals
- Part 1. Basic dimensions and tolerances (GB/T 21283.1-2007, ISO 16589-1:2001, MOD)
GB/T 21283.2 sealing element is a thermoplastic material rotary shaft lip seals Part 2.
Vocabulary (GB/T 21283.2-2007, ISO 16589-2:2001, IDT)

3 Terms and Definitions

Terms and definitions GB/T 17446 and GB/T 21283.2 established applicable to this section.

4 Storage

4.1

seals should be stored properly, because the store will affect the performance of seals and bearings and other valuables directly affect the use of mechanical parts life. Hazard seals during storage that may be encountered are.

- Temperature (see 4.2);
- Humidity (see 4.2);
- Radioactive material (see 4.6);
- Smoke (see 4.6);
- Insects (see 4.7);
- Rodents (see 4.7);
- Dust (see 4.8);
- Sand (see 4.8);
- Mechanical damage (see 4.8).

GB/T 21283.3-2008/ISO 16589-3:2001