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

GB/T 10708.3-2000

Replacing GB/T 10708.3-1989

**Reciprocating rubber seals--Types, dimensions and
tolerances--Part 3:Rubber dust seals**

往复运动橡胶密封圈结构尺寸系列 第3部分:橡胶防尘密封圈

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Foreword

This standard was compiled through revising the GB/T 10708.3-1989 "Reciprocating rubber seals - Types, dimensions and tolerances - Part 3. Rubber dust seals". This standard is the first revision of GB/T 10708.3-1989, AND the main changes are as the follows. - In the B type seal ring size series and tolerance, ADD the size and tolerance when the piston rod diameter is 56 mm; - In the C type seal ring size series and tolerance, ADD the size and tolerance when the piston rod diameter is 6 mm, 8 mm, 10 mm, 16 mm, 20 mm, 25 mm, 32 mm, 40 mm, 50 mm, 60 mm, 63 mm, 80 mm, 100 mm, 125 mm, 160 mm, 180 mm, 200 mm, 250 mm, 280 mm, 320 mm, 360 mm. - MODIFY the arrangement format, symbol specification and labeling method. This standard part 3 of GB/T 10708 "Reciprocating rubber seals - Types, dimensions and tolerances" GB/T 10708 includes the following three parts. Part 1 (i.e. GB/T 10708. 1). Rubber seals of act on single seal; Part 2 (i.e. GB/T 10708. 2). Rubber seals of act on double seal; Part 3 (i.e. GB/T 10708. 3). Rubber seals for wipers. This standard shall, from the date of implementation, replace GB/T 10708.3- 1989. This standard was proposed by the former Ministry of Chemical Industry of People's Republic of China. This standard shall be under the jurisdiction of the National Rubber and Rubber Products Standardization Technical Committee Sealing Products Technical Branch. The drafting organizations of this standard. Northwest Rubber and Plastics Research and Design Institute, Zhejiang Haimen Rubber Plant 1, Xi'an Heavy Machinery Research Institute. The main drafters of this standard. Hao Fusen, Dong Chengjie, Su Jing, Wang Baoyong. Reciprocating rubber seals - Types, dimensions and tolerances - Part 3. Rubber dust seals Replacing GB/T 10708.3-1989

1 Scope

GB/T 10708.3-2000 is the Chinese national standard on reciprocating rubber seals--types, dimensions and tolerances--part 3:rubber dust seals, in the field of rubber and plastic industries. 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 28 August 2000 by the State Administration of Quality and Technical Supervision, and has been in force since 1 March 2001. Classification: ICS 83.140.50, CCS G43. 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 type, dimensions and tolerances of the rubber dust seals for reciprocating motion. This standard applies to the rubber dust seals installed on the reciprocating hydraulic cylinder piston rod guide sleeve for the purposes of dust proof and sealing (abbreviated as dust ring).

2 References

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. At the time of publication of this standard, the versions shown are valid. All standards are subject to revision, and parties using this standard shall explore the possibility of using the most recent versions of the following standards.

GB/T 6578-1986 Hydraulic fluid power - Cylinder - Reciprocating - Housings for rod wipers - Dimensions and tolerances

3 Classification and symbols

3.1 Classification As for the dust rings as specified in this standard, they are divided into three basic types based on structures and applications. - A type dust ring, which is a single lip rubber seals without skeleton, AND suitable for installing into A type seal structure for the purposes of dust proof, as shown in Figure 1.

5 Marking

The marking is indicated by the "dust ring type symbol, d x D x L1 (L2, L3), manufacturer code". Example. The piston rod diameter (d) is 100 mm, seal groove outer diameter (D) is 115 mm, AND the A type dust ring for which the A type seal groove axial length (L1) is

9.5 mm, it is marked as. FA 100 x 115 x