

TIMKEN



TIMKEN® SMALL BORE METRIC SEALS CATALOG



TIMKEN

OVERVIEW

INTRODUCTION

Timken offers an extensive line of sealing solutions for original equipment manufacturers and the aftermarket. This line of industrial seals adds value to the company’s portfolio of friction management solutions. The seals are backed by the company’s experienced technical support and distribution networks, giving distributors a single source for a wide range of bearing and value-added extras to help keep equipment running optimally.

Timken® Small Bore Metric Seals are an extension of the small bore seal line for aftermarket applications. The expanded portfolio includes small bore inch and now a full line of small bore metric.



HOW TO USE THIS CATALOG

We designed this catalog to help you find the Timken seals best suited to your equipment needs and specifications.

The product tables list many of the bearing types.

Timken offers an extensive range of seals in both imperial and metric sizes. For your convenience, size ranges are indicated in millimeters and inches. Contact your Timken engineer to learn more about our complete line for the special needs of your application.

SEAL STORAGE

Timken metric oil seals are constructed of a metal insert, spring and a rubber exterior. Therefore, care must be taken to ensure that the seals do not rust or become deformed. The recommended shelf life of nitrile is up to 10 years, while fluoroelastomer is up to 20 years. Both of these figures are dependent on the seals being stored under ideal conditions. If the seal is to be stored for future use, it is recommended that the packaging not be opened. When stored, we recommend that you keep the seals in an area at a temperature of 16° C to 32° C (60° F to 90° F) and 40 percent to 70 percent humidity. Seals also should be stored on a first in – first out basis, due to the fact that unusually long shelf life may deteriorate the rubber elements.

DISCLAIMER

This catalog is provided solely to give you analysis tools and data to assist you in your product selection. Product performance is affected by many factors beyond the control of Timken.

Therefore, the suitability and feasibility of all product selection must be validated by you.

Timken products are sold subject to Timken's terms and conditions of sale, which include its limited warranty and remedy, which terms may be found at www.timken.com/termsandconditionsofsale. Please consult with your Timken sales engineer for more information and assistance.

Every reasonable effort has been made to ensure the accuracy of the information in this writing, but no liability is accepted for errors, omissions or for any other reason.

COMPLIANCE

The Timken Company products shown in this catalog may be directly, or indirectly subject to a number of regulatory standards and directives originating from authorities in the USA, European Union, and around the world, including: REACH (EC 1907/2006, RoHS (2011/65/EU), ATEX (94/9/EC), 'CE' MARKING (93/68/EEC), CONFLICT MINERALS (Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act).

For any questions or concerns regarding the compliancy or applicability of Timken products to these, or other unspecified standards, please contact your Timken sales engineer or customer services representative.

Updates are made periodically to this catalog. Visit www.timken.com for the most recent version of the Timken® Small Bore Metric Seals Catalog.

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