



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 2402-5 : 2013

(ISO 6194-5 : 2008)

(JAPIA/JSA)

**Rotary shaft lip-type seals
incorporating elastomeric sealing
elements—Part 5: Identification of
visual imperfections**

ICS 23.100.60;83.140.50

Reference number : **JIS B 2402-5 : 2013 (E)**

Date of Establishment: 2002-07-20

Date of Revision: 2013-06-20

Date of Public Notice in Official Gazette: 2013-06-20

Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee on Machine Elements

JIS B 2402-5:2013, First English edition published in 2013-12

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2013

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

AT

Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative reference.....	1
3 Terms and definitions	1
4 Characteristic imperfections	1
4.1 Definition of sealing lip critical area	1
4.2 Type and name of imperfections	2
4.3 Typical sealing edge imperfections	3
4.4 Typical sealing lip imperfections (except sealing edge).....	3
4.5 Typical spring imperfections.....	3
4.6 Typical outside diameter imperfections	3
4.7 Typical protection lip imperfections	3
5 Identification statement	9
Annex JA (informative) List of imperfections classified by areas and illustrated by photos	10

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Auto Parts Industries Association (JAPIA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS B 2402-5:2002** is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

JIS B 2402 series consists of the following 5 parts under the general title “*Rotary shaft lip-type seals incorporating elastomeric sealing elements*”:

Part 1: Nominal dimensions and tolerances

Part 2: Vocabulary

Part 3: Storage, handling and installation

Part 4: Performance test procedures

Part 5: Identification of visual imperfections