
Rolling bearings — Parts library —

Part 1:

Reference dictionary for rolling bearings

Roulements — Bibliothèque de composants —

Partie 1: Dictionnaire de référence des roulements



COPYRIGHT PROTECTED DOCUMENT

© ISO 2011

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 either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction.....	v
1 Scope	1
2 Normative references	2
3 Terms, definitions and abbreviated terms	3
3.1 Terms and definitions	3
3.2 Abbreviated terms	8
4 Representation of ontology concepts as dictionary entries.....	8
4.1 Bearing classes	8
4.2 Bearing property definitions	14
4.3 Property data types	16
5 Classification principles	16
5.1 Connection to pre-existing classifications	16
5.2 Class hierarchy.....	16
6 Computer-sensible description	17
6.1 External file	17
6.2 Information model and conformance class	18
Annex A (normative) Information object registration	22
Annex B (normative) Classification of rolling bearings.....	23
Annex C (normative) Definitions of rolling bearing classes	25
Annex D (normative) Definitions of rolling bearing properties.....	41
Annex E (informative) Computer-interpretable listings	60
Annex F (informative) Simplified illustrations of rolling bearing classes	61
Bibliography.....	65
Index	66