

# ISO/TS 23768-1:2011-12 (E)

## Rolling bearings - Parts library - Part 1: Reference dictionary for rolling bearings

---

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