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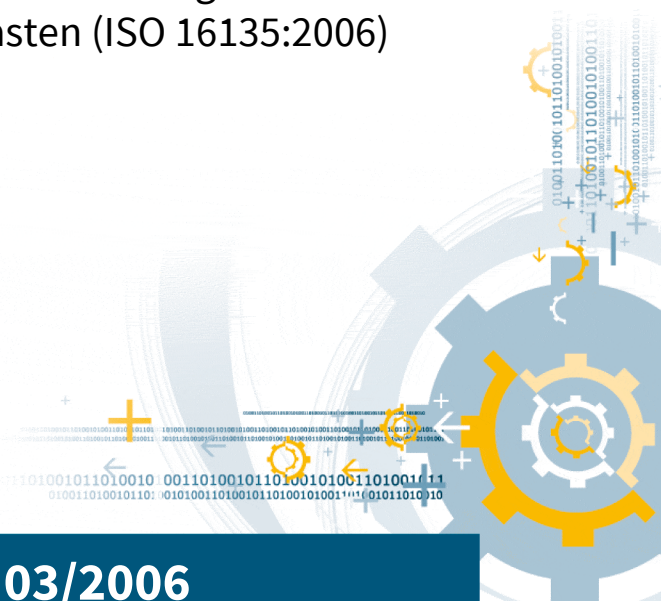
## ILNAS-EN ISO 16135:2006

### **Industrial valves - Ball valves of thermoplastics materials (ISO 16135:2006)**

Robinetterie industrielle - Robinets à  
tournant sphérique en matériaux  
thermoplastiques (ISO 16135:2006)

Industriearmaturen - Kugelhähne aus  
Thermoplasten (ISO 16135:2006)

03/2006



## National Foreword

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EUROPEAN STANDARD <sup>ILNAS-EN ISO 16135:2006</sup> **EN ISO 16135**  
NORME EUROPÉENNE  
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English Version

**Industrial valves - Ball valves of thermoplastics materials (ISO  
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This European Standard was approved by CEN on 3 March 2006.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN ISO 16135:2006) has been prepared by Technical Committee CEN/TC 69 "Industrial valves", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## ANNEX ZA

(informative)

### Relationship between this International Standard and the Essential Requirements of EU Directive 97/23 EC (PED)

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 97/23/EC (PED).

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this Standard and Directive 97/23/EC (PED)**

Sub-clause(s) of this International Standard	Essential Requirements (ERs) of EU Directive 97/23/EC	
4.1; 4.3; 5.2	Design for adequate strength	2.2.1
5.2.3	Type test	2.2.2
4.8.1	Wear	2.7
4.7.1	Traceability	3.1.5
8.1	Marking	3.3
4.8.3	Operating instruction	3.4
4.2; 4.3	Materials for pressurized parts	4.1, 4.2 a)

**WARNING:** Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

ILNAS-EN ISO 16135:2006

# INTERNATIONAL STANDARD

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**16135**

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## Industrial valves — Ball valves of thermoplastics materials

*Robinetterie industrielle — Robinets à tournant sphérique en matériaux  
thermoplastiques*



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