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Reciprocating positive displacement pumps and pump units — Technical requirements

Pompes volumétriques à mouvement alternatif — Prescriptions techniques



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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 16330 was prepared by the European Committee for Standardization (CEN) in collaboration with Technical Committee ISO/TC 115, *Pumps*, Subcommittee SC 1, *Dimensions and technical specifications of pumps*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this document, read "...this European Standard..." to mean "...this International Standard...".

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Foreword

The document (EN ISO 16330:2003) has been prepared by Technical Committee CEN/TC 197 "Pumps", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 115 "Pumps".

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of an identical text or by endorsement, at the latest by November 2003, and conflicting national standards shall be withdrawn at the latest by November 2003.

The annexes A, C and D are informative. Annex B is normative.

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

Introduction

This European Standard is applicable to both direct-acting and power pump types. It is applicable to series production pumps or pump units, limited production pumps or pump units and custom production pumps and pump units. It specifies all the technical requirements for reciprocating positive displacement pumps and reciprocating positive displacement pump units with the exception of safety and testing. Safety and testing of positive displacement pumps and reciprocating positive displacement pump units are specified in the following European Standards:

EN 809 Pumps and pump units - Common safety requirements.

EN 12162 Liquid pumps - Procedure for hydrostatic testing.

EN 12639 Liquid pumps and pump units- Noise test code - Grades 2 and 3 of accuracy.

prEN 14343 Positive displacement pumps - Performance tests for acceptance.

Users of this European Standard should be aware that further or differing requirements may be needed for individual applications. This European Standard is not intended to inhibit a supplier from offering, or the purchaser from accepting, alternative equipment or engineering solutions for the individual application. This may be particularly applicable where there is innovative or developing technology. Where an alternative is offered, the supplier should identify any variations from this European Standard and provide details.