



# SLOVENSKI STANDARD

## SIST EN ISO 3661:2012

01-januar-2012

Nadomešča:  
SIST EN 23661:2000

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**Sesalna centrifugalna črpalka - Mere osnovne plošče in vgradne mere (ISO 3661:1977)**

End-suction centrifugal pumps - Baseplate and installation dimensions (ISO 3661:1977)

Saugende Kreiselpumpen - Grundplatten- und Montagemaße (ISO 3661:1977)

Pompes centrifuges à aspiration en bout - Dimensions relatives aux socles et à l'installation (ISO 3661:1977)

[SIST EN ISO 3661:2012](https://standards.iteh.ai/catalog/standards/sist/3bb9188d-fcf3-4c32-8c58-1579a1f5/sist-en-iso-3661-2012)  
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**Ta slovenski standard je istoveten z: EN ISO 3661:2010**

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**ICS:**

23.080 Črpalke Pumps

**SIST EN ISO 3661:2012 en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 3661**

December 2010

ICS 23.080

Supersedes EN 23661:1993

English Version

## End-suction centrifugal pumps - Baseplate and installation dimensions (ISO 3661:1977)

Pompes centrifuges à aspiration en bout - Dimensions relatives aux socles et à l'installation (ISO 3661:1977)

Saugende Kreiselpumpen - Grundplatten- und Montagemaße (ISO 3661:1977)

This European Standard was approved by CEN on 4 December 2010.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, 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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

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## Foreword

The text of ISO 3661:1977 has been prepared by Technical Committee ISO/TC 115 "Pumps" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 3661:2010 by Technical Committee CEN/TC 197 "Pumps" the secretariat of which is held by AFNOR.

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 June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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

This document supersedes EN 23661:1993.

This document replaces and cancels the EN 23661 "End-suction centrifugal pumps - Baseplate and installation dimensions (ISO 3661:1977) - German version EN 23661:1993": its content is identical to the EN 23661, only the numbering of the standard has been changed, to be consistent with the ISO collection numbering.

Attention is drawn on the fact that some references cited in the standard have evolved:

ISO/R 273 replaced by ISO 273(all parts)

IEC Publication 72 replaced by IEC 60072-1.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, 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 the United Kingdom.

### Endorsement notice

The text of ISO 3661:1977 has been approved by CEN as a EN ISO 3661:2010 without any modification.

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**INTERNATIONAL STANDARD**



**3661**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## **End-suction centrifugal pumps — Baseplate and installation dimensions**

*Pompes centrifuges à aspiration en bout — Dimensions relatives aux socles et à l'installation*

**iTeh STANDARD PREVIEW**  
First edition — 1977-02-15  
**(standards.iteh.ai)**

[SIST EN ISO 3661:2012](#)

<https://standards.iteh.ai/catalog/standards/sist/3bb9188d-fcf3-4c32-8c58-7737d5c0a1f5/sist-en-iso-3661-2012>

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**UDC 621.671**

**Ref. No. ISO 3661-1977 (E)**

**Descriptors :** centrifugal pumps, specifications, holders, installing, dimensions.

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3661 was drawn up by Technical Committee ISO/TC 115, *Pumps*, and was circulated to the Member Bodies in February 1975.

It has been approved by the Member Bodies of the following countries :

Belgium	Italy	Sweden
Brazil	Mexico	Switzerland
Czechoslovakia	Netherlands	Turkey
France	Poland	United Kingdom
Germany	Romania	Yugoslavia
Hungary	South Africa, Rep. of	
Israel	Spain	

The Member Bodies of the following countries expressed disapproval of the document on technical grounds :

Australia  
Canada  
Japan  
U.S.A.



# End-suction centrifugal pumps — Baseplate and installation dimensions

## iTeh STANDARD PREVIEW (standards.iteh.ai)

### 1 SCOPE

This International Standard specifies the basic baseplate and installation dimensions for end-suction centrifugal pumps. Alternative numbers and locations of baseplate fixing holes are given to suit individual installations.

ISO 2858, *End-suction centrifugal pumps (rating 16 bar) — Designation, nominal duty point and dimensions.*

IEC Publication 72, *Dimensions and output ratings for rotating electrical machines — Frame numbers 56 to 400 and flange numbers F55 to F1080.*

### 2 FIELD OF APPLICATION

The dimensions and other data given in this International Standard are intended primarily for use with centrifugal pumps in accordance with ISO 2858, coupled to foot-mounted electric motors for installation on a foundation.

Where suitable, this International Standard may be used for other types of pump.

### 3 REFERENCES

ISO/R 273, *Clearance holes for metric bolts.*

### 4 BASEPLATE DIMENSIONS

The dimensions and the reference numbers of baseplates are given in figure 1 and table 1.

### 5 BASIC INSTALLATION DIMENSIONS

The baseplate number appropriate to a given pump designation and the corresponding electric motor frame number are obtained from table 2.

The dimensions of the baseplate corresponding to this number are then obtained from table 1 and the basic installation dimensions from the last four columns in table 2.