



SLOVENSKI STANDARD
SIST EN 23661:2000
01-december-2000

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

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

Kreiselpumpen mit axialem Eintritt - Grundplatten- und Einbau-Maße

Pompes centrifuges a aspiration en bout - Dimensions relatives aux socles et a l'installation (ISO 3661:1977) **(standards.iteh.ai)**

Ta slovenski standard je istoveten z: **EN 23661:1993**
<https://standards.iteh.ai/catalog/standards/sist/08a48a16-db6a-4db6-9cc0-19c4c40b8b7a/sist-en-23661-2000>

ICS:

23.080 1] æ\ ^ Pumps

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EUROPEAN STANDARD

EN 23661

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1993

UDC 621.671

Descriptors: Pumps, centrifugal pumps, specifications, supports, designation, installation, dimensions

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)

Kreiselpumpen mit axialem Eintritt
Grundplatten- und Einbau-Maße (ISO 3661:1977)

STANDARD PREVIEW
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This European Standard was approved by CEN on 1993-07-19. 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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

In 1990, ISO 3661:1977 "End-suction centrifugal pumps - Baseplate and installation dimensions" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 3661:1977 was submitted to the Formal Vote.

The result of the Formal Vote was positive.

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 January 1994, and conflicting national standards shall be withdrawn at the latest by January 1994.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

Endorsement notice

The text of the International Standard ISO 3661:1977 was approved by CEN as a European Standard without any modification.

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Editorial modification:

The text of clause 2, Normative references, is to be replaced by:

NOTE: Normative references to international publications are listed in annex ZA (normative).

Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 273		Clearance holes for metric bolts	20273	1991
ISO 2858		End-suction centrifugal pumps (rating 16 bar) Designation, nominal duty point and dimensions	22858	1992
IEC 72-1		Dimensions and output series for rotating electrical machines - Part 1: Frame numbers 56 to 400 and flange numbers F55 to F1080	_____	_____

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SIST EN 23661:2000

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INTERNATIONAL STANDARD



3661

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

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
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[SIST EN 23661:2000](#)

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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
Brazil
Czechoslovakia
France
Germany
Hungary
Israel

Italy
Mexico
Netherlands
Poland
Romania
South Africa, Rep. of
Spain

SIST EN 23661:2000

Sweden

Switzerland

Turkey

United Kingdom

Yugoslavia

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.

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.*

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.*

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.