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BSI Standards Publication

WC pans and WC suites - Connecting dimensions

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National foreword

This British Standard is the UK implementation of EN 33:2019. It supersedes BS EN 33:2011, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/503, Sanitary appliances.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

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EUROPÄISCHE NORM

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Supersedes EN 33:2011

English Version

WC pans and WC suites - Connecting dimensions

Cuvettes de WC à alimentation indépendante et
cuvettes de WC à réservoir attenant - Cotes de
raccordement

WC-Becken und WC-Anlagen - Anschlussmaße

This European Standard was approved by CEN on 8 March 2019.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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European foreword

This document (EN 33:2019) has been prepared by Technical Committee CEN/TC 163 "Sanitary appliances", the secretariat of which is held by UNI.

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 2019, and conflicting national standards shall be withdrawn at the latest by November 2019.

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

This document supersedes EN 33:2011 and EN 33:2011/AC:2013.

In comparison with the previous edition, the following technical modifications have been made:

- a measurement of (75 ± 15) mm is added to dimension q_4 in Table 4.

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

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1 Scope

This document specifies the connecting dimensions of WC pans and WC suites regardless of the materials used for their manufacture.

This document does not apply to siphonic action WC pans and WC suites.

NOTE 1 Other connecting dimensions are permitted, e.g. special designs of WC pans, if the manufacturer supplies or recommends the appropriate fittings.

NOTE 2 The shape of the appliance in the figures is for illustration only; it in no way prejudices the final shape of the appliance, which is left to the initiative of the manufacturer.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

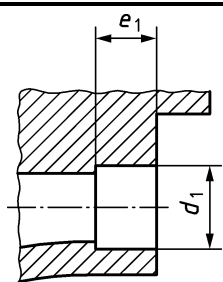
- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Connecting dimensions

4.1 Inlet of WC pans with independent water supply

The connecting dimensions of inlets of WC pans with independent water supply shall comply with the dimensions given in Tables 1 and 2.

Table 1 — Inlet dimensions

Designation	Symbol	Dimensions mm	Figure
Internal diameter of inlet measured over the initial 25 mm of e_1	d_1	55^{+3}_{-1}	 <p>The figure is a technical cross-section drawing of a WC pan inlet. It shows a cylindrical inlet with a shoulder. Dimension e_1 is indicated as the length of the cylindrical part from the shoulder to the end of the inlet. Dimension d_1 is indicated as the internal diameter of the inlet.</p>
Depth of the internal cylindrical part in front of the shoulder	e_1	≥ 25	