



SLOVENSKI STANDARD
SIST EN 33:2000
01-november-2000

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SIST EN 33:1998

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Pedestal WC pans with close-coupled flushing cistern - Connecting dimensions

Bodenstehende Klosettbecken mit aufgesetztem Spülkasten - Anschlußmaße

iTeh STANDARD PREVIEW
Cuvettes de WC sur pied a chasse directe et réservoir attenant - Cotes de raccordement
(standards.iteh.ai)

Ta slovenski standard je istoveten z: ~~SIST EN 33:1998~~ EN 33:1998

<https://standards.iteh.ai/catalog/standards/sist/82c180c9-ccca-4732-9174-b5894bb5e08a/sist-en-33-2000>

ICS:

91.140.70 Sanitarne naprave Sanitary installations

SIST EN 33:2000 **en**

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EUROPEAN STANDARD

EN 33

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1998

ICS 91.140.70

Supersedes EN 33:1979

Descriptors: sanitary appliances, W.C. pans, suspended elements, dimensions, connecting dimensions

English version

Pedestal W.C. pans with close-coupled flushing cistern - Connecting dimensions

Cuvettes de W.-C. sur pied à chasse directe et réservoir
attenant - Cotes de raccordement

Bodenstehende Klosettbecken mit aufgesetztem
Spülkasten - Anschlußmaße

This European Standard was approved by CEN on 12 November 1998.

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.

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 Central Secretariat has the same status as the official versions.

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

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

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

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Contents

	Page
Foreword	3
1 Scope	3
2 Connecting dimensions	3
3 Fixing dimensions for the seat	6

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<https://standards.iteh.ai/catalog/standards/sist/82c180c9-ecce-4732-9174-b5894bb5e08e/sist-en-33-2000>
SIST EN 33:2000

mm		
2 ± 0,1	0	
0,1 ± 0,05	1	
0,05 ± 0,02	1	



Foreword

This European Standard has been prepared by Technical Committee CEN/TC 163 "Sanitary appliances", the secretariat of which is held by UNI.

This European Standard replaces EN 33:1979.

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 May 1999, and conflicting national standards shall be withdrawn at the latest by May 1999.

This revised version considers new market trends and compared to the version of April 1979 includes the following amendments: Cancellation of W.C. pan with concealed outlet with extended spigot and insertion of W.C. pan with concealed horizontal outlet and revision of the connecting dimensions.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This standard specifies the connecting dimensions of pedestal W.C. pans with close-coupled flushing cistern having an exposed outlet on the horizontal or vertical axis or a concealed outlet, regardless of the materials used for their manufacture.

This standard does not apply to siphonic action W.C. pans.

NOTE: Only the dimensions are compulsory. 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 Connecting dimensions

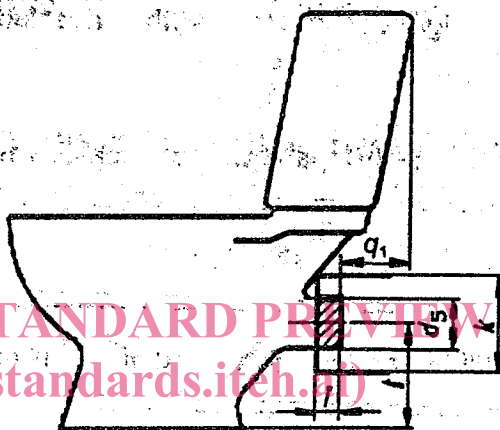
The connecting dimensions of outlets of pedestal W.C. pans with close-coupled flushing cistern shall comply with the dimensions given in tables 1 to 5.

Table 1: Basic connecting dimensions (see figures 1 to 4)

Designation	Symbol	Dimensions mm
External diameter of the outlet	d_5	102 ± 5
External cylindrical part of the outlet without grooves	i	≥ 40
Diameter of the free space around the outlet	k	≥ 150

Table 2: W.C. pans with horizontal outlet (see figure 1)

Designation	Symbol	Dimensions mm
Distance between the centre line of the outlet and the base of the appliance	t	180 $\begin{smallmatrix} +15 \\ -10 \end{smallmatrix}$
Distance between the vertical planes passing through the end of the outlet and that part of the combination nearest to the wall	q ₁	140 \pm 25



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Figure 1: W.C. pan with exposed horizontal outlet

Table 3: W.C. pans with concealed horizontal outlet (see figure 2)

Designation	Symbol	Dimensions mm
Distance between the centre line of the outlet and the base of the appliance	t	180 $\begin{smallmatrix} +15 \\ -10 \end{smallmatrix}$
Distance between the vertical plane passing through the end of the outlet and that part of combination nearest to the wall	q ₂	≥ 165

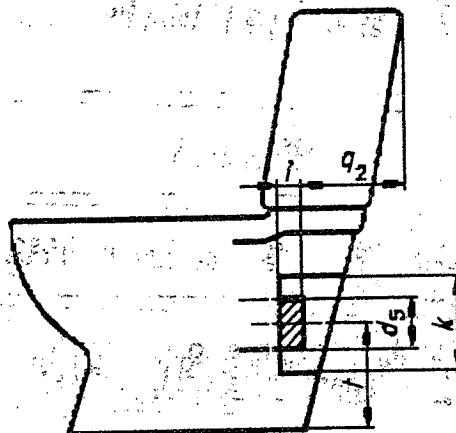


Figure 2: W.C. pan with concealed horizontal outlet

Table 4: W.C. pane with concealed vertical outlet (see figure 3)

Designation	Symbol	Dimensions mm
Distance from the plane passing through the end of the outlet to the base of appliance	f_2	≥ 10
Distance from the centre line of the outlet to the vertical plane passing through that part of combination nearest to the wall	q_3	225 ± 25
		120 ± 25

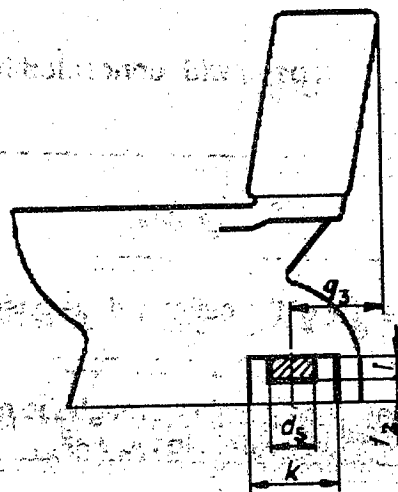
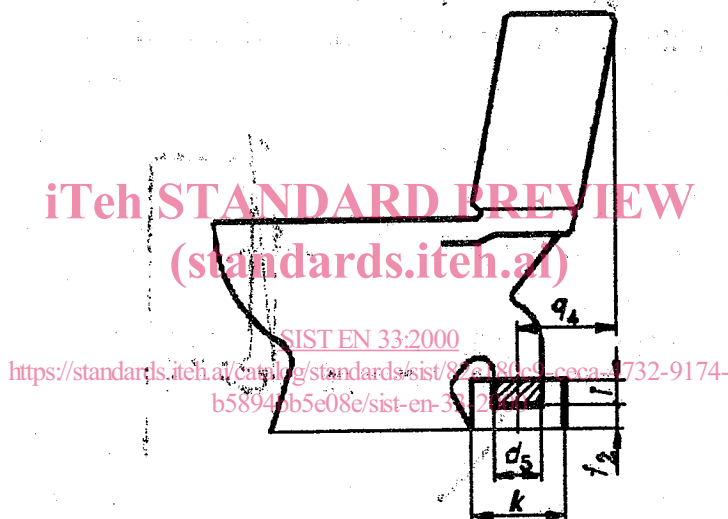


Figure 3: W.C. pan with concealed vertical outlet

Table 5: W.C. pans with exposed vertical outlet (see figure 4)

Designation	Symbol	Dimensions mm
Distance from the plane passing through the end of the outlet to the base of appliance	f_2	≥ 10
Distance from the centre of the outlet to the vertical plane passing through that part of combination nearest to the wall	q_4	75 ± 15
		120 ± 25
		225 ± 25

**Figure 4: W.C. pan with exposed vertical outlet****3 Fixing dimensions for the seat**

The fixing dimensions for the seat shall comply with the dimensions given in table 6.

Table 6: Fixing dimensions for the seat (see figure 5)

Designation	Symbol	Dimensions mm
Diameter of the holes	$d_6^1)$	15 ± 2
Distance between the centre lines of the holes	$m^1)$	155 ± 10

¹ Other dimensions are permissible provided the seat is supplied with the W.C. pan