

SLOVENSKI STANDARD**SIST EN 225-1:2008****01-april-2008****BUXca Yý U.****SIST EN 225:2000****SIST EN 225:2000/AC1:2000**

FUndfýYj Ub]`c`b][cf]b_]`!` fdU_Y]b`a chcf]`nUc`bY[cf]b]_Y!`Df]`1 bYa YfY!
%rXY. ` fdU_YnUc`bY[cf]b]_Y

Atomizing oil burners - Oil burner pumps and oil burner motors - Connecting dimensions
- Part 1: Oil burner pumps

iTeh STANDARD PREVIEW
Ölzerstäubungsbrenner - Anschlussmaße für Ölbrenner-Pumpen und Öl brenner-Motore -
Teil 1: Öl brenner-Pumpen [\(standards.iteh.ai\)](https://standards.iteh.ai/catalog/standards/sist/29c25fe-ca15-48b4-97d7-9b300453ed0/sist-en-225-1-2008)

Bruleurs a fioul a pulvérisation - pompes pour bruleurs a fioul et moteurs pour bruleurs a
fioul - Dimensions de liaison - Partie 1 : Pompes pour bruleurs a fioul
[SIST EN 225-1:2008
https://standards.iteh.ai/catalog/standards/sist/29c25fe-ca15-48b4-97d7-9b300453ed0/sist-en-225-1-2008](https://standards.iteh.ai/catalog/standards/sist/29c25fe-ca15-48b4-97d7-9b300453ed0/sist-en-225-1-2008)

Ta slovenski standard je istoveten z: **EN 225-1:2007**

ICS:

27.060.10

SIST EN 225-1:2008**en,fr,de**

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 225-1:2008

<https://standards.iteh.ai/catalog/standards/sist/729c25fe-ca15-48b4-97d7-9bf300453e0f/sist-en-225-1-2008>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 225-1

October 2007

ICS 27.060.10

Supersedes EN 225:1987

English Version

Atomizing oil burners - Oil burner pumps and oil burner motors -
Connecting dimensions - Part 1: Oil burner pumps

Brûleurs à fioul à pulvérisation - Pompes et moteurs pour
brûleurs à fioul - Dimensions de liaison - Partie 1 : Pompes
pour brûleurs à fioul

Ölzerstäubungsbrenner - Anschlussmaße für Ölbrenner-
Pumpen und Ölbrüner-Motore - Teil 1: Ölbrüner-Pumpen

This European Standard was approved by CEN on 26 August 2007.

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 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 Management Centre has the same status as the official versions.

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

SIST EN 225-1:2008

<https://standards.iteh.ai/catalog/standards/sist/729c25fe-ca15-48b4-97d7-9b300453e0f/sist-en-225-1-2008>



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

Foreword	3
1 Scope	4
2 Normative references	4
3 Dimensions	4
Bibliography	7

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 225-1:2008

<https://standards.iteh.ai/catalog/standards/sist/729c25fe-ca15-48b4-97d7-9bf300453e0f/sist-en-225-1-2008>

Foreword

This document (EN 225-1:2007) has been prepared by Technical Committee CEN/TC 47 "Atomizing oil burners and their components-Function-Safety-Testing", the secretariat of which is held by DIN.

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 April 2008, and conflicting national standards shall be withdrawn at the latest by April 2008.

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 225:1987.

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, 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.

Changes relating to EN 225:1987, Size K32-08 (Version A) included, tolerances restricted.

**STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN 225-1:2008

<https://standards.iteh.ai/catalog/standards/sist/729c25fe-ca15-48b4-97d7-9bf300453e0f/sist-en-225-1-2008>

1 Scope

This European Standard specifies the dimensions for connectors and certain dimensional characteristics of pumps for atomizing oil burners.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

prEN ISO 286-1, *Geometrical product specification (GPS) – ISO coding system for tolerances of linear sizes – Part 1: Basis of tolerances, deviations and fits (ISO/DIS 286-1:2007)*

3 Dimensions

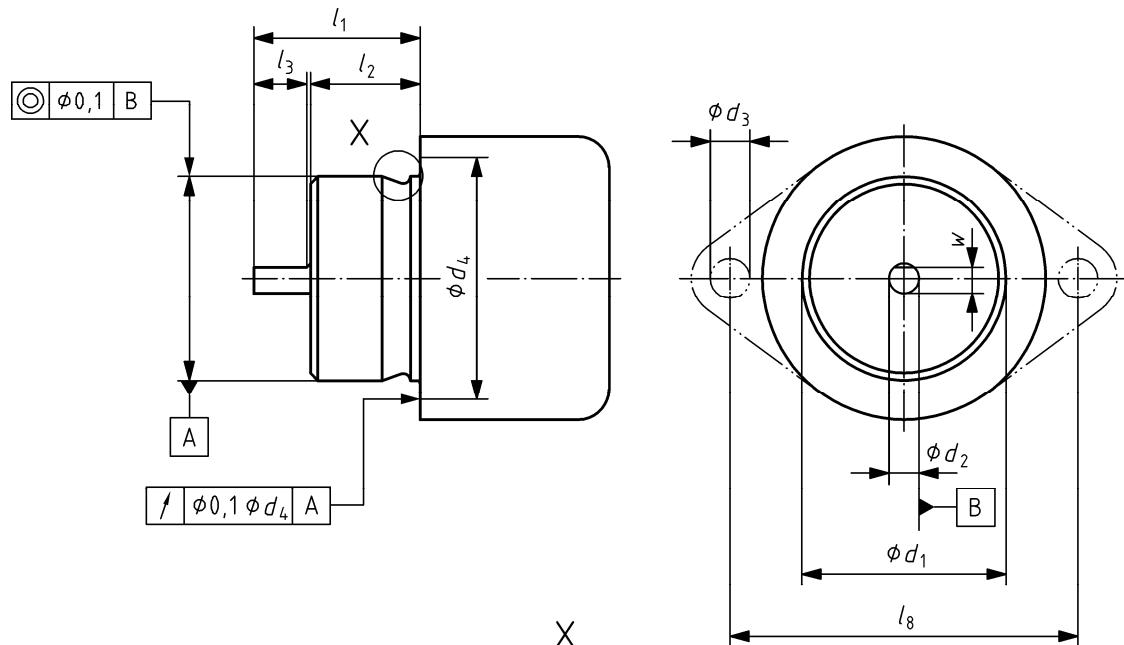
The dimensions shall be those given in Table 1. The tolerances for the diameters d_1 , d_2 and shall be in accordance with prEN ISO 286-1. It is recommended to fabricate the thread connections (in inches) 1/8, 1/4, 3/8, 1/2 for the connecting oil pipes according to EN ISO 228-1.

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

SIST EN 225-1:2008

<https://standards.iteh.ai/catalog/standards/sist/729c25fe-ca15-48b4-97d7-9bf300453e0f/sist-en-225-1-2008>

Dimensions in millimetres

**Key**

- a axis of radial fixing screws
- b start of rounding

Figure 1 — Dimensions

Table 1 — Dimensions

Designation and size	d_1	d_2	w	l_1^c without flange	l_2^c max	l_3^c min	l_4	l_5 max	l_6	l_7	d_3	d_4^d	l_1 with flange	l_8	Dimensions in millimetres
															Gradi-ent of slot α (in de-grees)
K32-08 (A)	32e8	8h7	7±0,05	42±0,5	21	14	2,5±0,5	5	$6_0^{+0,5}$	10±1	—	42	—	—	—
K32-08 (B)		8h7	—	42±0,5	27	14						42	—	—	—
F54-08 ^a	54e9	8h7	—	—	27	14					10,5±0,5	64	$42_{-6}^{+0,5}$	92±0,1	20_0^{+5}
K54-08 ^b	54e9	8h7	—	—	50	20					10,5±0,5	64	80±1,5	—	—
F54-118	54e9	11,11 3e7	10,1±0,1	—	—	20					—	—	—	—	—

a The slot provided at the end of the hub in pumps fastened by the hub is not necessary for pumps fastened by flanges, but may however be allowed.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

b For new pump models, size K 54-08 is not considered as a standard size.

c $(l_1 - l_2)$ shall be greater than l_3 .

d Measuring diameter for the circular axial run-out tolerance. [SIST EN 225-1:2008](#)

<https://standards.iteh.ai/catalog/standards/sist/729c25fe-ca15-48b4-97d7-9bf300453e0f/sist-en-225-1-2008>