



SLOVENSKI STANDARD

SIST EN 226:2000

01-junij-2000

Atomizing oil burners - Connecting dimensions between burners and heat generators

Ölzerstäubungsbrenner - Anschlußmaße zwischen Brenner und Wärmeerzeuger

Bruleurs a fioul a pulvérisation - Dimensions de liaison entre bruleur et générateur de chaleur

Ta slovenski standard je istoveten z: EN 226:1987

ICS: 27.060.10 Liquid and solid fuel burners

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EUROPEAN STANDARD
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Key words : Heaters, Oil burners, Atomizing burners, Hot air generators,
 Classification, Mechanical couplings, Fixing, Dimensions,
 Dimensional tolerances.

English version

Atomizing oil burners.
 Connecting dimensions between burners and heat generators

Brûleurs à fioul à pulvérisation.
 Dimensions de liaison entre brûleur
 et générateur de chaleur

Ölzerstäubungsbrenner.
 Anschlussmasse zwischen
 Brenner und Wärmezeuger

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CEN

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

Central Secretariat : Rue Bréderode 2, B-1000 Brussels

Brief History

This European Standard was drawn up by the Technical Committee CEN/TC 47 "Atomizing oil burners and their components - Function - Safety - Testing"

the Secretariat of which is held by DIN.

According to the Common CEN/CENELEC Rules, following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, France, Germany, Greece, Italy, Netherlands, Portugal, Spain, Switzerland, United Kingdom.

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1. Object and Field of Application

This European Standard is applicable to atomizing oil burners, with a thermal flow of combustion equal to or less than 150 kW.

Two classes of burners are considered:

- burners with a thermal flow of combustion $Q_F < 72 \text{ kW}$
- burners with a thermal flow of combustion Q_F such that: $72 \text{ kW} \leq Q_F \leq 150 \text{ kW}$

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2. Dimensions

The connecting dimensions between burners and heat generators shall be in accordance with the dimensions given in the table as well as in figure 1.

Table Dimensions in mm

Thermal flow of combustion of burner Q_F	Number of bolt holes	Thread diameter of bolt holes of the generator (C)	Pitch circle diameter of bolt holes (B)	Diameter of orifice on generator (A)
$< 72 \text{ kW}$	4 1)	M 8	150	110
$72 \text{ kW} \leq Q_F \leq 150 \text{ kW}$	4	M 8	170	130
Tolerances	-	-	± 1	$+ 2$ 0
1) For burners with a thermal flow of combustion $Q_F < 72 \text{ kW}$ the manufacturer may use less than 4 bolt holes; however, the positions marked in figure 1 have to be observed.				

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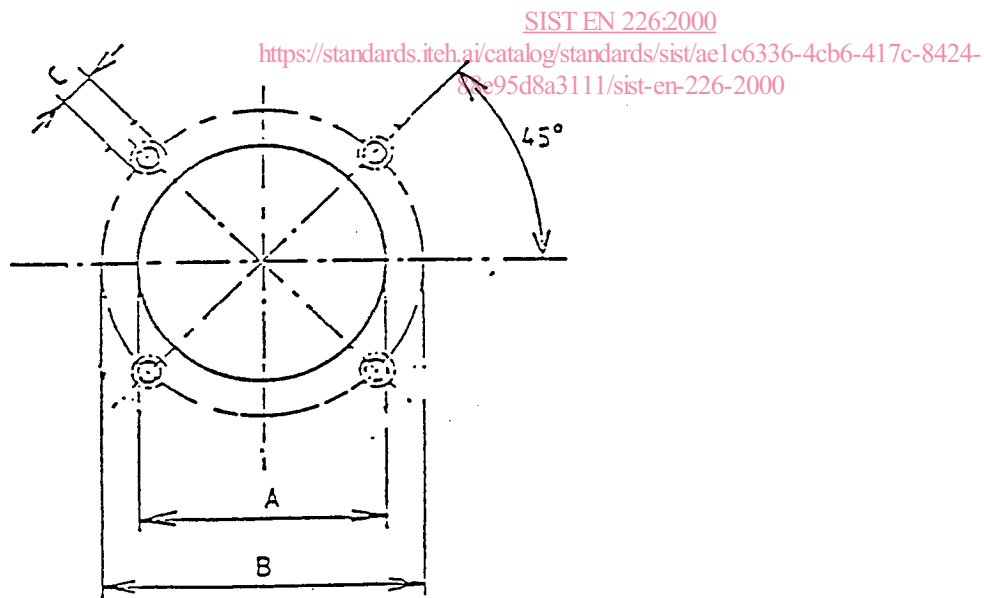


Figure 1 - Bolt holes on the generator face