SLOVENSKI STANDARD
SIST EN 1333:2006

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Nadomešča:
SIST EN 1333:1998

Prirobnice in prirobnični spoji - Sestavni deli cevovodov - Definicija in izbira tlačne stopnje PN

Flanges and their joints - Pipework components - Definition and selection of PN

Flansche und ihre Verbindungen - Rohrleitungsteile - Definition und Auswahl von PN

Brides et leurs assemblages - Composants de réseaux de tuyauteries - Définition et sélection des PN

Ta slovenski standard je istoveten z: EN 1333:2006

ICS:

01.040.23	Tekočinski sistemi in sestavni deli za splošno rabo (Slovarji)	Fluid systems and components for general use (Vocabularies)
23.040.60	Prirobnice, oglavki in spojni elementi	Flanges, couplings and joints

SIST EN 1333:2006 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 1333

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ICS 01.040.23; 23.040.01

Supersedes EN 1333:1996

English Version

Flanges and their joints - Pipework components - Definition and selection of PN

Brides et leurs assemblages - Composants de réseaux de tuyauteries - Définition et sélection des PN

Flansche und ihre Verbindungen - Rohrleitungsteile - Definition und Auswahl von PN

This European Standard was approved by CEN on 23 January 2006.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 1333:2006) has been prepared by Technical Committee CEN/TC 74 “Flanges and their joints”, 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of an identical text or by endorsement, at the latest by September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

This document supersedes EN 1333:1996.

This document is based on the international standard ISO 7268:1983, but the misleading definition of "nominal pressure" has been omitted as it is so loosely related to the maximum allowable pressure.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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.

1 Scope

This European Standard gives the definition of PN when applied to components of a pipework system, as specified in those standards which use the PN designation system.

This standard specifies the PN numbers which are used.

2 Terms and definitions

For the purposes of this document, the following term and definition applies.

2.1 PN
alphanumeric designation used for reference purposes related to a combination of mechanical and dimensional characteristics of a component of a pipework system.

It comprises the letters PN followed by a dimensionless number.

NOTE 1 The number following the letters PN does not represent a measurable value and should not be used for calculation purposes except where specified in the relevant standard.

NOTE 2 The designation PN is not meaningful unless it is related to the relevant component standard number.

NOTE 3 The maximum allowable pressure of a pipework component depends on the PN number, the material and design of the component, its maximum allowable temperature, etc. The relevant European Component standards include tables of specified pressure/temperature ratings or, in minimum, include rules how to determine pressure/temperature ratings.

NOTE 4 It is intended that all components with the same PN and DN designations have the same mating dimensions for compatible flange types.

3 Selection of PN

The PN values shall be selected from:

PN 2,5	PN 25	PN 160
PN 6	PN 40	PN 250
PN 10	PN 63	PN 320
PN 16	PN 100	PN 400