

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

The European Standard EN 1333:2006 has the status of a
British Standard

ICS 01.040.23; 23.040.01

National foreword

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 and 3 and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 April 2006

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ISBN 0 580 48174 3

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

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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.

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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.

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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

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