



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1092-3:2003

ICS 23.040.60

**FLANGES AND THEIR JOINTS - CIRCULAR
FLANGES FOR PIPES, VALVES,
FITTINGS AND ACCESSORIES, PN
DESIGNATED - PART 3: COPPER ALLOY
FLANGES**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
November 6, 2003*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2003

Price Code K

Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 1092-3:2003/AC

NORME EUROPÉENNE

August 2007

EUROPÄISCHE NORM

Août 2007

August 2007

ICS 23.040.60

English version
Version Française
Deutsche Fassung

Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 3: Copper alloy flanges

Brides et leurs assemblages - Brides circulaires pour tubes, appareils de robinetterie, raccords et accessoires, désignées PN - Partie 3: Brides en alliages de cuivre

Flansche und ihre Verbindungen - Runde Flansche für Rohre, Armaturen, Formstücke und Zubehörteile, nach PN bezeichnet - Teil 3: Flansche aus Kupferlegierungen

This corrigendum becomes effective on 29 August 2007 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 29 août 2007 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 29. August 2007 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

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

© 2007 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.
Tous droits d'exploitation sous quelque forme et de quelque manière que ce soit réservés dans le monde entier aux membres nationaux du CEN.
Alle Rechte der Verwertung, gleich in welcher Form und in welchem Verfahren, sind weltweit den nationalen Mitgliedern von CEN vorbehalten.

Ref. No.: EN 1092-3:2003/AC:2007 D/E/F

EN 1092-3:2003/AC:2007 (E/F/D)

English version

1 General modifications to figures

Due to the incorrect hatching, all figures were replaced.

2 Modification to Table 6 – Dimensions of PN 10 flanges

For DN 40 replace under column "Pitch circle diameter" the value $K = 115$ mm with $K = 110$ mm.

Version française

1 Modifications générales des figures

Compte tenu des hachures incorrectes, toutes les figures ont été remplacées.

2 Modification au Tableau 6 – Dimensions des brides PN 10

Pour DN 40, dans la colonne "Diamètre du cercle de perçage", remplacer la valeur $K = 115$ mm par $K = 110$ mm.

Deutsche Fassung

1 Allgemeine Änderungen an Bildern

Aufgrund fehlerhafter Schraffierungen werden alle Bilder ersetzt.

2 Veränderung in Tabelle 6 – Maße für Flansche PN 10

Für DN 40 in der Spalte "Lochkreisdurchmesser" den Wert $K = 115$ mm durch $K = 110$ mm ersetzen.

EUROPEAN STANDARD

EN 1092-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2003

ICS 23.040.60

English version

**Flanges and their joints - Circular flanges for pipes, valves,
fittings and accessories, PN designated - Part 3: Copper alloy
flanges**

Brides et leurs assemblages - Brides circulaires pour tubes,
appareils de robinetterie, raccords et accessoires,
désignées PN - Partie 3: Brides en alliages de cuivre

Flansche und ihre Verbindungen - Runde Flansche für
Rohre, Armaturen, Formstücke und Zubehörteile, nach PN
bezeichnet - Teil 3: Flansche aus Kupferlegierungen

This European Standard was approved by CEN on 27 June 2003.

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 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 Management Centre 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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

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

Contents

Page

Foreword.....	3
Introduction	3
1 Scope	4
2 Normative references	6
3 Terms and definitions.....	6
4 Designation.....	7
4.1 General.....	7
4.2 Standard designation	7
4.3 Information to be supplied by the equipment manufacturer.....	7
5 General requirements.....	8
5.1 Materials.....	8
5.2 Repairs.....	8
5.3 Bolting.....	8
5.4 Gaskets	8
5.5 Pressure/temperature (p/T) ratings.....	8
5.6 Dimensions.....	9
5.7 Flange facings.....	9
5.8 Spot facing or back facing.....	10
5.9 Tolerances	11
5.10 Marking	11
Annex A (informative) Information to be supplied by the equipment manufacturer	28
Annex B (informative) Application and installation	29
Annex C (informative) Approximate masses of flanges and collars.....	30
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 97/23/EC	34
Bibliography	35

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-