Irish Standard
I.S. EN 736-2:2016

Valves - Terminology - Part 2: Definition of components of valves

I.S. EN 736-2:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

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National Foreword

I.S. EN 736-2:2016 is the adopted Irish version of the European Document EN 736-2:2016, Valves - Terminology - Part 2: Definition of components of valves

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 736-2

February 2016

ICS 01.040.23; 23.060.01

Supersedes EN 736-2:1997

English Version

Valves - Terminology - Part 2: Definition of components of valves

Appareils de robinetterie - Terminologie - Partie 2: Définition des composants des appareils de robinetterie

Armaturen - Terminologie - Teil 2: Definition der Armaturenteile

This European Standard was approved by CEN on 15 December 2015.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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European foreword

This document (EN 736-2:2016) has been prepared by Technical Committee CEN/TC 69 “Industrial valves”, the secretariat of which is held by AFNOR.

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 August 2016, and conflicting national standards shall be withdrawn at the latest by August 2016.

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 736-2:1997.

The main changes compared to the previous edition are:

a) Clause 3 “Terms and definitions” has been updated;

b) Annex A has been updated.

EN 736 comprises three parts:

— *Part 1: Definition of types of valves*

— *Part 2: Definition of components of valves*

— *Part 3: Definition of terms*

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This is the first step in harmonizing the valve terminology in Europe. It is possible that other names of components or other definitions will be found in other European Standards.

Experts establishing European Standards are asked to use the name of components and the definitions given in this European Standard. If other names of components or definitions are needed or already published in European Standards please contact the CEN/TC 69 Secretariat for adding or harmonizing the names of components and their definitions in these European Standards.

1 Scope

This European Standard specifies the names of components of valves and their definitions. It has the purpose to provide a uniform terminology for all components of valves.

This European Standard covers components common to more than one type of valve. Names of components and definitions specific to one type of valve will be found in the relevant product or performance standard.

2 Normative references

Not applicable.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
shell
pressure containing envelope of the valve

Note 1 to entry: It normally comprises the body and when included in the design a bonnet or cover and the body bonnet or body cover joint excluding sealing parts.

3.1.1
body
main component of the valve which provides the fluid flow passageways and the body ends

3.1.1.1
straight pattern body
body having two body end ports and where the axis of the bonnet or cover is parallel to the faces of the body end ports

3.1.1.2
angle pattern body
body having two body end ports and where the faces are at right angles

3.1.1.3
oblique pattern body
body having two body end ports and where the axis of the bonnet or cover is not parallel to the faces of the body end ports

3.1.1.4
double flanged body
body having two flanged body ends for connecting to corresponding flanges

3.1.1.5
single flanged body
body with a single flange not being a body end flange, designed to be installed by bolting to adjacent pipe flange(s)

Note 1 to entry: It can be suitable to close the end of the pipe line allowing dismantling of the downstream pipe line.