SLOVENSKI STANDARD
SIST EN 60534-3-1:2001

01-april-2001

Industrial-process control valves - Part 3-1: Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves

Industrial-process control valves -- Part 3-1: Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves

Stellventile für die Prozeßregelung -- Teil 3-1: Abmessungen - Einbaulängen von geflanschten Durchgangsventilen und geflanschten Eckventilen

Vannes de régulation des processus industriels -- Partie 3-1: Dimensions - Dimensions face à face des vannes de régulation à soupape, à deux voies, à brides, à tête droite et dimensions face à axe des vannes de régulation à soupape, à deux voies, à brides, d'équerre

Ta slovenski standard je istoveten z: **EN 60534-3-1:2000**

ICS:

23.060.40	Tlaļ ni regulatorji	Pressure regulators
25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control

SIST EN 60534-3-1:2001 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60534-3-1

May 2000

ICS 23.060;25.040.40

English version

Industrial-process control valves
Part 3-1: Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves
(IEC 60534-3-1:2000)

Vannes de régulation des processus industriels
Partie 3-1: Dimensions - Ecartements hors-brides des vannes de régulation deux voies droites à soupapes et à brides et dimensions centre/bride des vannes de régulation deux voies coudées à brides
(CEI 60534-3-1:2000)

Stellventile für die Prozeßregelung
Teil 3-1: Abmessungen - Einbaulängen von geflanschten Durchgangsventilen und geflanschten Eckventilen
(IEC 60534-3-1:2000)

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 65B/392/FDIS, future edition 1 of IEC 60534-3-1, prepared by SC 65B, Devices, of IEC TC 65, Industrial-process measurement and control, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60534-3-1 on 2000-04-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2000-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2003-04-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60534-3-1:2000 was approved by CENELEC as a European Standard without any modification.

Annexe ZA (normative)

Références normatives à d'autres publications internationales avec les publications européennes correspondantes

Cette Norme européenne comporte par référence datée ou non datée des dispositions d'autres publications. Ces références normatives sont citées aux endroits appropriés dans le texte et les publications sont énumérées ci-après. Pour les références datées les amendements ou révisions ultérieurs de l'une quelconque de ces publications ne s'appliquent à cette Norme européenne que s'ils y ont été incorporés par amendement ou révision. Pour les références non datées, la dernière édition de la publication à laquelle il est fait référence s'applique (y compris les amendements).

NOTE Dans le cas où une publication internationale est modifiée par des modifications communes, indiqué par (mod), il faut tenir compte de la EN / du HD approprié(e).

Publication	Année	Titre	EN/HD	Année
CEI 60534-1	1987	Vannes de régulation des processus industriels Partie 1: Terminologie des vannes de régulation et considérations générales	EN 60534-1	1993

IEC 60534-3-1

Edition 1.0 2001-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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INDUSTRIAL-PROCESS CONTROL VALVES –

Part 3-1: Dimensions – Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves

FOREWORD

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International Standard IEC 60534-3-1 has been prepared by subcommittee 65B: Devices, of IEC technical committee 65: Industrial-process measurement and control.

This bilingual version, published in 2001-01, corresponds to the English version.

The text of this standard is based on the following documents:

FDIS	Report on voting
65B/392/FDIS	65B/398/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

INDUSTRIAL-PROCESS CONTROL VALVES –

Part 3-1: Dimensions – Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves

1 Scope

This part of IEC 60534 specifies face-to-face (FTF) and centre-to-face (CTF) dimensions for given nominal sizes and pressure ratings of flanged, two-way, globe-type, straight pattern and angle pattern control valves. The nominal sizes included are DN 15 to DN 400 for straight pattern control valves and DN 25 to DN 400 for angle pattern control valves.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60534-1:1987, *Industrial-process control valves – Part 1: Control valve terminology and general considerations*

3 Definitions

For the purposes of this part of IEC 60534, the terms and definitions of clause 3 of IEC 60534-1 and the following shall apply.

3.1
face-to-face dimension (FTF) (for straight pattern valves)
distance between the faces of the connecting end flanges upon which the gaskets are compressed, that is, the contact surfaces (see figure 1)

3.2
centre-to-face dimension (CTF) (for angle pattern valves)
distance between the plane located at the face of either body end port and perpendicular to its axis and the axis of the other body end port (see figure 1)

4 Nominal sizes and pressure ratings

4.1 Nominal sizes

Nominal sizes shall be as shown in tables 1 to 4.