ICS 23.060.40, 25.040.40 SLOVENSKÁ TECHNICKÁ NORMA Júl 2019

STN	**Regulačné armatúry pre priemyselné procesy Časť 3-1: Rozmery Stavebné dĺžky FTF pre prírubové dvojcestné priame armatúry a stavebné dĺžky CTF pre prírubové rohové armatúry**	**STN EN IEC 60534-3-1** 13 4509

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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/19

Obsahuje: EN IEC 60534-3-1:2019, IEC 60534-3-1:2019

Oznámením tejto normy sa od 13.03.2022 ruší
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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60534-3-1

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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 60534-3-1:2019)

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 (IEC 60534-3-1:2019)

Stellventile für die Prozeßregelung - Teil 3-1: Abmessungen - Einbaulängen von geflanschten Durchgangsventilen und geflanschten Eckventilen (IEC 60534-3-1:2019)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 65B/1142/FDIS, future edition 2 of IEC 60534-3-1, prepared by SC 65B "Measurement and control devices" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60534-3-1:2019.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2019-12-13
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2022-03-13

This document supersedes EN 60534-3-1:2000.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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The text of the International Standard IEC 60534-3-1:2019 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60534-1	-	Industrial-process control valves - Part 1: Control valve terminology and general considerations	EN 60534-1	-

IEC 60534-3-1

Edition 2.0 2019-02

INTERNATIONAL STANDARD

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 60534-3-1:2019-02(en)

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IEC 60534-3-1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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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: Measurement and control devices, of IEC technical committee 65: Industrial-process measurement, control and automation.

This second edition cancels and replaces the first edition published in 2000. This edition constitutes a technical revision.

The main changes with respect to the previous edition are listed below:

- this document has been extended to cover face-to-face dimensions and centre-to-face dimensions for control valves PN 160 and PN 250 (Class 900 and 1 500);
- definitions of end-to-end dimensions and centre-to-end dimensions have been added for valves with flange facings where the gasket contact surfaces are not located at the extreme ends of the valve;

- Table 5 of adjustment value “X” for end-to-end dimensions of straight pattern valves with ring joint ends has been added;
- ANSI/ISA references have been added in Tables 1 to 4;
- ANSI/ISA references have been added in the bibliography.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
65B/1142/FDIS	65B/1146/RVD

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

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

A bilingual version of this publication may be issued at a later date.

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 15 to DN 400 for angle pattern control valves.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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