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Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies (Classes 125, 150, 250, 300, and 600)

Approved 28 July 2016

ANSI/ISA-75.08.01-2016 Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies (Classes 125, 150, 250, 300, and 600)

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ISA 67 Alexander Drive P.O. Box 12277 Research Triangle Park, North Carolina 27709 -3-

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NAME

W. Weidman, ChairV. Mezzano, Managing DirectorH. BaumannF. CainR. DuimstraJ. Young

COMPANY

Consultant Fluor Corporation H B Services Partners LLC Flowserve Corporation Fisher Controls International Inc. The Dow Chemical Company

The following people served as members of ISA Committee ISA75 and approved ANSI/ISA-75.08.01-2016:

NAME

COMPANY

J. Young, Chair V. Mezzano, Co-Managing Director W. Weidman, Co-Managing Director The Dow Chemical Company Fluor Corporation Consultant - 5 -

ANSI/ISA-75.08.01-2016

A. Abromaitis	S&T Design
H. Baumann	H B Services Partners LLC
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A. Libke	DeZURIK
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T. Loudin	Larox Flowsys Inc.
D. Martin	Valve Solutions Ltd.
H. Maxwell	Haines Fluid Dynamics
H. Miller	Consultant
A. Sahraei	Enbridge Pipelines Inc LP
A. Sahraei	Enbridge Pipelines Inc LP
E. Skovgaard	Consultant

This standard was approved by the ISA Standards and Practices Board on 18 July 2016:

NAME

COMPANY

M. Wilkins Yokogawa D. Zetterberg Chevron Energy

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-7-

ANSI/ISA-75.08.01-2016

Contents

1	Scope	9
2	Purpose	9
3	Definitions	9
4	Dimensional data	9
5	References	.11

This is a preview of "ANSI/ISA 75.08.01-20...". Click here to purchase the full version from the ANSI store.

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-9-

ANSI/ISA-75.08.01-2016

1 Scope

This standard applies to integral flanged globe-style control valves, sizes 15 mm (1/2 inch) through 400 mm (16 inches), having top, top and bottom, port, or cage guiding. Pressure Classes 125 flat face, and 150, 250, 300, and 600 raised face, flanged control valves are included.

2 Purpose

The purpose of this standard is to aid users in their piping design by providing flange, face-to-face control valve dimensions, without giving special consideration of the equipment manufacturer to be used.

3 Definitions

For definitions of terms used in this standard, see ISA-75.05.01, Control Valve Terminology.

4 Dimensional data

4.1 Face-to-face dimensions for integral flanged globe-style control valves. See Table 1.

4.2 For end-to-end dimensions of flanged with ring joint ends, Dimension "A" shall be adjusted accordingly to ASME B16.10, paragraph 3.3.