

Menu

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

Print

[Save](#)

Email

[Resource detail](#)

[Citations](#)

ISO 5167-1:2003 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full Part 1: General principles and requirements

[View on Information Provider website](#)

Abbreviation

ISO 5167-1:2003

Valid from

24/02/2003

Information provider

Standards New Zealand

Author

International Organization for Standardization

Information type

ISO Standard

Format

PDF

Cited By

[This resource is cited by 1 document \(show Citations\)](#)

Description

ISO 5167-1:2003 defines terms and symbols and establishes the general principles for methods of measurement and computation of the flow rate of fluid flowing in a conduit by means of pressure differential devices (orifice plates, nozzles, and Venturi tubes) when they are inserted into a circular

cross-section conduit running full.

ISO 5167-1:2003 also specifies the general requirements for methods of measurement, installation, and determination of the uncertainty of the measurement of flow rate. It also defines the generally specified limits of pipe size and Reynolds number for which these pressure differential devices are to be used.

ISO 5167 (all parts) is applicable only to flow that remains subsonic throughout the measuring section and where the fluid can be considered as single-phase. It is not applicable to the measurement of pulsating flow.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#) `{{ linkText }}`

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

ISO 5167-1:2003 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full Part 1: General principles and requirements

This document is CITED BY:

- [AS 1530.4-2005](#)

ISO 5167-1:2003 is cited by AS 1530.4-2005 Methods for fire tests on building materials, components and structures. Part 4: Fire-resistance test of elements of construction

Back

ISO 5167-1:2003 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full Part 1: General principles and requirements

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

ISO 5167-1:2003 defines terms and symbols and establishes the general principles for methods of measurement and computation of the flow rate of fluid flowing in a conduit by means of pressure differential devices (orifice plates, nozzles, and Venturi tubes) when they are inserted into a circular cross-section conduit running full.

ISO 5167-1:2003 also specifies the general requirements for methods of measurement, installation, and determination of the uncertainty of the measurement of flow rate. It also defines the generally specified limits of pipe size and Reynolds number for which these pressure differential devices are to be used.

ISO 5167 (all parts) is applicable only to flow that remains subsonic throughout the measuring section and where the fluid can be considered as single-phase. It is not applicable to the measurement of pulsating flow.

[View on Information Provider website](#)

[ISO 5167-1:2003 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full Part 1: General principles and requirements](#)

Description

ISO 5167-1:2003 defines terms and symbols and establishes the general principles for methods of measurement and computation of the flow rate of fluid flowing in a conduit by means of pressure differential devices (orifice plates, nozzles, and Venturi tubes) when they are inserted into a circular cross-section conduit running full.

ISO 5167-1:2003 also specifies the general requirements for methods of measurement, installation, and determination of the uncertainty of the measurement of flow rate. It also defines the generally specified limits of pipe size and Reynolds number for which these pressure differential devices are to be used.

ISO 5167 (all parts) is applicable only to flow that remains subsonic throughout the measuring section and where the fluid can be considered as single-phase. It is not applicable to the measurement of pulsating flow.

[View on Information Provider website](#)

This resource does not cite any other resources.

ISO 5167-1:2003 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full Part 1: General principles and requirements

This resource does not CITE any other resources.

Back

Close

Table of Contents

Print

[Save](#)

Email

[Feedback](#)

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

[Feedback](#)