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## Industrial valves - Metallic butterfly valves

*Robinetterie industrielle - Robinets métalliques à papillon*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 153, *Valves*.

This third edition cancels and replaces the second edition (ISO 10631:2013), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the extension of the pressure ratings to include PN 63, PN 100, and Class 25, 250 and 600;
- update of the normative references and the terms and definitions;
- addition in [Clause 4](#) of a requirement to mark the valve with any reduced pressure and/or temperature limits;
- addition of [5.6](#) for disc requirements;
- addition in [5.7](#) of a requirement to have a feature preventing shaft ejection from the valve in the shaft or shaft-to-disc connection fails;
- clarification of [5.8.2.3](#) regarding the way to secure adjustable stops;
- addition of specified minimum clearance between fully open disc and matching pipe in a new [5.10.6](#).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).