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## Industrial valves — Bolted bonnet steel gate valves

*Robinetterie industrielle - Robinets-vannes en acier à chapeau  
boulonné*



Reference number  
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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)).

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

This second edition cancels and replaces the first edition (ISO 6002:1992), which has been technically revised.

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

- in the whole text, deletion of PN 20 and PN 50, addition of PN 63 and inclusion of nominal pipe sizes NPS and Class designations;
- update of the normative references in [Clause 2](#);
- addition of definitions for DN, NPS, PN and Class;
- revision of [Figure 1](#) identifying valves terms and [Figure 6](#) for butt-welding for auxiliary connections;
- addition of requirements for gate in [5.3](#) and stem in [5.4](#);
- addition of requirements for closure test in [5.6](#);
- deletion of former [Table 1](#) on body wall thickness, deletion of former [Table 3](#) on end-to-end dimensions for butt-weld end valves and deletion of former [5.4](#) on envelope dimensions;
- revision of [Table 1](#) on body end port inside diameter, and [Table 8](#) on component materials;
- update of [Clause 7](#) on testing and inspection and [Clause 8](#) on marking.

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