
**Industrial valves — Bolted bonnet
steel gate valves**

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

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Foreword

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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).

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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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