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CCS U52



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 1853-2008

Replacing GB/T 1853-1994

Marine flanged cast steel overboard stop check valve

船用法兰铸钢舷侧截止止回阀

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Foreword

This standard replaces GB/T 1853-1994 "Marine steel flanged valve off the side."
Compared with the standard GB/T 1853-1994 The main changes are as follows:

- Modify the local structure;
- Modified valve disc and seat materials;
- Revised and increased requirements, test methods, inspection rules and signs, packaging and so on. The standard proposed by China State Shipbuilding Corporation. This standard by the National Marine Machinery Standardization Technical Committee piping attachment points Technical Committee. This standard was drafted. Shanghai Hudong Shipbuilding Valve Co., Ltd., China Shipbuilding Technology and Economy Research Institute. The main drafters of this standard. Long Huang Jian, Luo Yuan hair, Fan Liu Wei, can Zhongmin. This standard supersedes the previous editions are.
- GB/T 1853-1980, GB/T 1853-1994. Marine flange cast off the side check valve

1 Scope

GB/T 1853-2008 is the Chinese national standard on marine flanged cast steel overboard stop check valve, in the field of shipbuilding and marine structures. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 3 February 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 August 2008. Classification: ICS 47.020.30, CCS U52. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the Marine flange cast off the side valve (hereinafter referred to as the side valve) classification, requirements, test methods, inspection rules, Logo, packaging and storage. This standard applies to water, fresh water piping system with the side valve

design, manufacture and acceptance.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 569 Marine flange connection dimensions and sealing surface

GB/T 600 marine piping valves General technical requirements

GB/T 1176-1987 Cast Copper Alloys conditions

GB/T 1184-1996 shape and position tolerances without individual tolerance value (eqv ISO 2768-2. 1989)

GB/T 1804-2000 General tolerances for linear and angular dimensions without individual tolerance tolerance (eqv ISO 2768-1. 1989)

GB/T 1958 Geometrical Product Specifications (GPS) shape and position tolerance testing requirements

GB/T 2501 Marine flange connection dimensions and sealing surface (four into position) Flag

GB/T 3032 Ship pipeline accessories

GB/T 3098.1-2000 Mechanical properties of fasteners Bolts, screws and studs (idt ISO 898-1.1999)

GB/T 3098.2-2000 Mechanical properties of fasteners coarse thread (idt ISO 898-2.1992)

GB/T 4423-2007 Copper and copper alloy rod drawing

GB/T 11698 Marine flange length of the structure connecting metal valves

GB/T 12229-2005 General valves carbon steel castings CB/T 772-1998 carbon and carbon-manganese steel castings

3 Classification and Marking

3.1 The side is divided into the following four types of valve. A type

--- flange dimensions and sealing surface according to GB/T 569 straight through the side valve; AS type

--- flange dimensions and sealing surface according to GB/T 2501 straight through the side

valve; Type B

--- flange dimensions and sealing surface at right angles to the side by GB/T 569 of the valve; BS type

--- flange dimensions and sealing surface according to GB/T 2501 rectangular broadside valve.

3.2 Basic parameters The basic parameters of the side of the valve are shown in Table 1.
Table

1 Basic parameters of the side valve Type Nominal pressure PN/MPa Nominal diameter DN/mm A, AS, B, BS 0.6 40 ~ 350