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

GB/T 13852-2009

Replacing GB/T 13852-1992

General specification of hydraulic control valves for ship

船用液压控制阀技术条件

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Foreword

This standard replaces GB/T 13852-1992 "marine hydraulic control valve technology conditions." This standard compared with GB/T 13852-1992, mainly in the following changes.

- Increasing the terms and definitions section;
- Increase marine hydraulic control valve interface requirements. The Standard Annexes A and B are normative appendix. The standard proposed by China Shipbuilding Industry Corporation. This standard by the National Marine Machinery Standardization Technical Committee. This standard was drafted. China Shipbuilding Industry Corporation seventh - four Institute. The main drafters of this standard. Le Yi, Zhang Xiaodong, Jin Bei, the rich root, Chen FIG. This standard replaces the standards previously issued as follows:
- GB/T 13852-1992. Marine hydraulic control valve technical conditions

1 Scope

GB/T 13852-2009 is the Chinese national standard on general specification of hydraulic control valves for ship, 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 9 March 2009 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 November 2009. Classification: ICS 47.020.30, CCS U57. 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 privateers with the hydraulic control valve (hereinafter referred to as marine hydraulic valve) classification, requirements, test methods and inspection rules. This standard applies to petroleum-based hydraulic oil as the working medium of the marine hydraulic valve (except proportional hydraulic valves, servo valves, cartridge valves and valve superposition Outside) design 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 786.1 hydropneumatic graphic symbols

GB/T 2514 Hydraulic Four - port directional control valve mounting surface (GB/T 2514-2008, ISO 4401.2005, MOD)

GB/T 2878 Hydraulic Components threaded port type and size (GB/T 2878-1993, neq ISO 6149. 1980)

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

GB/T 7935-2005 General technical conditions for hydraulic components

GB/T 8098 Hydraulic fluid power - Compensated flow control valve mounting surface (GB/T 8098-2003, ISO 6263.1997, MOD)

GB/T 8100 Hydraulic valves, sequence valves, unloading valves, throttle valves and check valves - Mounting surfaces (GB/T 8100-2006, ISO 5781.2000, MOD)

GB/T 8101 hydraulic pressure relief valve mounting surface (GB/T 8101-2002, ISO 6264.1998, MOD) Valve Test methods

GB/T 8104-1987 flow control (neqISO /DIS6403) Valve Test methods

GB/T 8105-1987 Pressure Control (neqISO /DIS6403) Valve Test methods

GB/T 8106-1987 directional control (neqISO /DIS4411)

GB/T 13384 mechanical and electrical products packaging General technical conditions