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

GB/T 592-2026

Replacing GB/T 592-2015

Marine cast iron flanged check valves

船用法兰铸铁止回阀

(English Translation)

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Foreword

GB/T 592-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 January 2027.

This edition replaces GB/T 592-2015.

It is under the responsibility of the Standardization Administration of China.

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1 Scope

Marine cast iron flanged check valves are the focus of this recommended national standard. The document specifies classification and marking, requirements, test methods, inspection rules, and packaging and storage, and it is applicable to the design, manufacture and acceptance of cast iron valves of this type for ship piping systems carrying seawater, fresh water, fuel oil and lubricating oil.

Shipbuilders, valve makers, marine outfitting suppliers, classification societies and inspection personnel, and ship owners' technical teams who specify or accept valves for vessels are its likely users. It replaces GB/T 592-2015, so buyers and manufacturers working from the earlier edition should check what they need to change. It becomes effective on 1 January 2027. The standard refers to related marine valve, flange and casting documents, and it is generally read together with them rather than on its own.