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ICS 47.020.30
CCS U52

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 591-2026

Replacing GB/T 591-2008

Marine cast iron flanged stop check valves

船用法兰铸铁截止止回阀

(English Translation)

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Foreword

GB/T 591-2026 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 591-2008.

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

Classification: ICS 47.020.30; CCS U52.

1 Scope

This standard covers marine cast iron flanged stop-check valves, also described as globe stop-check valves. It specifies classification and marking, requirements, test methods, inspection rules, and packaging and storage, and it applies to the design, manufacture, and acceptance of valves used in marine piping systems for seawater, fresh water, fuel oil, and lubricating oil.

Valve makers, shipyards, ship designers, inspection bodies, and marine equipment purchasers can use it. A stop-check valve combines shutoff with protection against backflow, which is why it is common in shipboard pipework. It is a recommended national standard (GB/T), so it is voluntary unless a contract or class rule requires it.

This edition replaces GB/T 591-2008 and takes effect on 1 January 2027. It is related to the standard for marine cast steel flanged stop valves published in the same batch, which covers a different valve type.

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