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

中华人民共和国国家标准

GB/T 9122-2010

Replace GB/T 9122-2000

**Loose plate steel pipe flanges with lapped pipe end
and pressed collar with long neck**

翻边环板式松套钢制管法兰

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Standardization Administration of the People's Republic of China

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Foreword

The modification to series standards of GB/T 9112~9124—2010 *Steel Pipe Flange* adopts ASME B16.5—2009 *Pipe Flanges and Flanged Fittings (NPS 1/2~NPS 24)* and EN 1092-1:2007 *Flanges and Their Joints-Circular Flanges for Valves, Pipe Fittings and Accessories, PN Designated-Part 1: Steel Flange*. ASME B16.5—2009 is a complete standard about Class designated flanges, EN 1092-1:2007 is a complete standard about PN designated flanges. This series standards comprehensively adopt the above two standards, including relevant technical content about Class designated flanges and PN designated flanges. This series of standards consist of 13 standards. This standard is one of them.

This standard replaces GB/T 9122—2000 *Loose plate steel pipe flanges with lapped end*, compared with original standard, the main changes are as follows:

——According to EN 1092-1:2007 standard, two kinds of type of flange are added, i.e. Loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck and Loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck;

——According to EN 1092-1:2007 standard, the nominal pressure range of PN designation flanges is expanded to PN 2.5~PN 16 from PN 6~PN 10;

——According to EN 1092-1:2007 standard, the nominal dimension range of PN designation flanges is expanded to DN 10~DN 500 from DN 10~DN 300;

——According to EN 1092-1:2007 standard, dimension data of PN designated flanges are comprehensively modified;

——Two nominal dimensions: DN 175 and DN 225 that are only used for marine flanges are added to PN designated flanges

——Add the applicable range table of various sealing face types.

This standard was proposed by China Machinery Industry Federation.

The Standard is under the jurisdiction of the National Piping Accessories Standardization Technical Committee.

This standard is drafted by: Zhejiang Chaoda Valve Co., Ltd., China Productivity Center for Machinery (CPCFM), Baoyi Group Co., Ltd, Jiangsu Haida Pipe Fittings Group Company Ltd., Hebei Shengtian Group Baoyin High-Pressure Flange Pipe Fittings Co., Ltd.

Main drafters of the Standard : Qiu Xiaolai, Li Junying, Zhang Xiaozhong, Li Jian, Li Baoyin, Lin Jie and Feng Feng.

The issuances of previous versions of the standard replaced by this standard are as follows:

——GB/T 9122.1~9122.2—1988, GB/T 9122—2000;

Loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck

1 Scope

This standard stipulates the types, dimension, technical requirements and designation of the loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck.

This standard applies to pipe end loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck, Loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck and Loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck whose nominal pressure is PN2.5-PN16.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 9112 Types and parameters for steel pipe flanges

GB/T 9124 Specification for steel pipe flanges

3 Type and dimension

3.1 Sealing face type, nominal pressure and nominal dimension applicable of pipe end loose\ plate steel pipe flanges with lapped pipe end and pressed collar with long neck collar, loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck and loose plate steel pipe flanges with lapped pipe end and pressed collar with long neck .



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