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

GB/T 36582-2018

**Ships and marine technology -- Ships mooring and towing
fittings -- Universal fairleads without upper roller**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 13742.2012 "ship and marine technology ship mooring and towing equipment without roller

Cable guide.

This standard has made the following editorial changes.

--- Added the informative Appendix NA to explain the mark.

This standard is proposed and managed by the National Ship Armor Standardization Technical Committee (SAC/TC129).

This standard was drafted. Guangchuan International Co., Ltd.

1 Scope

This standard specifies the classification, dimensions and technical requirements of the upper roller guides used to guide the mooring lines of ships.

This standard applies to the design, manufacture and acceptance of topless roller guides.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

IMO Circular MSC/Circ.1175 Boat Towing and Mooring Equipment Guide
(Guidance on shipboard towing and
mooring equipment)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Safe working load safe working load; SWL

The maximum tensile force that a mooring line is allowed to withstand under normal operating conditions, in kilohertz (kN).

4.1 type

The topless roller guides are divided into the following four types according to the structure.

- a) Type 3R---there is a topless roller guide with cable holes;
- b) Type 4RL---an upper roller guide with a cable hole and a guide roller on the left side;
- c) Type 4RR---there is a topless roller guide with a cable hole and a guide roller on the right side;
- d) Type 5R---There is no upper roller guide with two cable holes.

4.2 Nominal size

The nominal size DN of the upper roller guide is expressed in millimeters for the outer diameter of the main roller, which are. DN140, DN160,

DN180, DN200, DN250, DN300A, DN300B, DN400A, DN400B and DN400C.

5 size

The structure and dimensions of the topless roller guide are shown in Figures 1 to 5 and Tables 1 to 4.