
**Ships and marine technology — Ship's
mooring and towing fittings — Pedestal
fairleads**

*Navires et technologie maritime — Corps-morts et ferrures de
remorquage de navires — Chaumards à piédestal*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

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Introduction

The pedestal fairlead is a type of ship's mooring fitting installed on board to lead and change the direction of mooring ropes.

Ships and marine technology — Ship's mooring and towing fittings — Pedestal fairleads

1 Scope

This International Standard specifies the design, size and technical requirements for pedestal fairleads installed to lead the mooring rope of a ship.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 13755, *Ships and marine technology — Ship's mooring and towing fittings — Steel rollers*

IMO Circular MSC/Circ.1175, *Guidance on shipboard towing and mooring equipment*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

safe working load

SWL

maximum load in kN on the rope that should normally be applied in service conditions

4 Nominal sizes

The nominal sizes, D_n , of pedestal fairleads are denoted by reference to the outside diameter of the roller in millimetres from a basic series of preferred numbers.

The nominal sizes are: 150, 200, 250, 300, 350, 400, 450 and 500.

5 Dimensions

Pedestal fairleads have dimensions and particulars in accordance with Table 1, and Figures 1 and 2.

6 Materials

The following material shall be used for manufacturing the pedestal fairleads:

— Pedestal: weldable steel plates having a yield point of not less than 235 N/mm².

7 Manufacturing and inspection

7.1 All surfaces of the pedestal fairleads, including welding, shall be free from any visible flaws or imperfections.

7.2 All surfaces in contact with the ropes shall be free from surface roughness or irregularities likely to cause damage to the ropes by abrasion.