

KONGSBERG MARITIME AS
STRANDPROMENADEN 50
HORTEN
Norway 3183
Telephone: 0047 3303 4100
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Web: www.kongsberg.com

Tier: 2 - PDA Issued

Product: Fitting, Flange
Model: Mounting Flange DN350, DN500 & DN700
Endorsements:

Intended Service:

Valve mountings & pipe connections between ship side shell and shell valve for Kongsberg HIPAP precision acoustic position equipment

Description:

Slip-on welded flange attached to pipe with double fillet welds.
Flange: Plate, Material: S355J2+N(St52-3N) EN10025
Tube, Material: S355J2H(St52-3N) EN10025

DN350 – Pipe outside dia 406.4, 16 x M20, PCD 460mm
DN500 – Pipe outside dia 546mm, 20 x M24, PCD 620mm
DN500 – Pipe outside dia 546mm, 20 x 26mm dia holes, PCD 620mm
DN700 – Pipe outside dia 762mm, 24 x 30mm dia holes, PCD 840mm

Rating:

Pressure rating: 6 bar

Service Restriction:

- 1) To be installed in accordance with manufacturers general arrangement drawing 830-215626.
- 2) Unit Certification is not required for this product. If the manufacturer or purchaser requests an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances must be clearly defined.

Comments:

- 1) The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
- 2) All flanges are to bear the trademark of the manufacturer legibly stamped or cast on the exterior of the flange as well as the pressure rating.
- 3) Approval is subject to the installation being to the attending Surveyors satisfaction.

Notes/Drawing/Documentation:

- 1) ABS Report No. KR1794058, dated 25 February 2010
- 2) Drawing No. 362992, Mounting Flange DN700 d30 holes, Revision: A01, dated 14 January 2016
- 3) Drawing No. 599-082973, Mounting Flange DN500, Revision: E01, dated 11 November 2015
- 4) Drawing No. 362973, Mounting Flange DN500 d26 holes, Revision: A01, dated 11 November 2015
- 5) Drawing No. 599-044140, Mounting Flange DN350, Revision: D01, dated 11 November 2015
- 6) Drawing No. 830-215626, Typical Arrangement, Revision: B, dated 17 February 2017

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 14/Oct/2026 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance.

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Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

STANDARDS

ABS Rules:

2021 ABS Marine Vessel Rules: 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-6-2/5.5.4, 4-6-2/9.13.3, 4-6-2/ Table 6, 4-6-2/Table 7
2021 ABS Mobile Offshore Units Rules: 1-1-4/9.7, 1-1-A2, 1-1-A3, 4-2-2/15

National:

NA

International:

NA

Government:

NA

EUMED:

NA

OTHERS:

NA