



Confirmation of Product Type Approval

Company Name: MESON AB

Address: KULLSGARDVAEGEN 27 LAHOLM SE 31234 Sweden

Product: Valve, Gate

Model(s): Product group 614. Gate Valve Non-Rising Stem with indicator. Soft Seal Flanged.

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	25-0292782-PDA	01-OCT-2025	30-SEP-2030
Manufacturing Assessment (MA)	25-7209690	03-OCT-2025	02-OCT-2030
Product Quality Assurance (PQA)	25-7209690-PQA	03-OCT-2025	02-OCT-2030

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3 - Type Approved, unit certification not required

Intended Service

Fuel oil, Lubricating oil and flammable hydraulic oil, Cargo oil, Non-flammable hydraulic fluid, Boiler feedwater, Condensate, Seawater and freshwater for marine and offshore installations.

Description

Soft seal gate valve used as shut off in cooling, sea water and shipside applications. Wedge coated with vulcanized rubber. Multiturn operation. Non-Rising stem. With position indicator.

Material Specification:

Body, bonnet: Ductile Iron GGG40/GGG40. 3/WCB/WCC/C954/C958

Wedge core: Ductile Iron GGG40/GGG40. 3

Wedge lining: NBR, EPDM and FKM

Stem: Stainless Steel AISI316L

Ratings

Sizes: DN 350 (M50005) and DN 500 (M50000)

Pressure rating: PN6

Temperature rating: -35 degC to 90 degC (NBR Liner Application)

Temperature rating: -40 degC to 110 degC (EPDM Liner Application)

Temperature rating: -30 degC to 180 degC (FKM Liner Application)

Service Restrictions

1. 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.
2. As per 4-6-2/7.3.2 of ABS Marine Vessel Rules, all valves intended for installation on the side shell at or below the deepest load waterline, including those at the sea chests, are to be hydrostatically tested in the presence of the Surveyor, before installation, to a pressure of at least 5bar.
3. The valves have not been subjected to a fire test and should not be used in fire mains (all locations), fuel and lube oil tank isolation valves, where the valves are subject to a static head of flammable liquid.

Comments

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. All valves are to bear permanent identification, such as manufacturer's name or trademark, standard of compliance, material identity, pressure rating, etc., as required by the standard of compliance or the manufacturer's specification. Such markings may be cast or forged integral with, stamped on, or securely affixed by nameplate on the component, and are to serve as a permanent means of identification of the component throughout its service life.

Notes, Drawings and Documentation

Drawing No: TAC_dwg_Gate_SoSe, Gate Valve Soft Seal DN350 & DN500, Revision. A, dated 12 Nov 2021, Pages 1

Test Report No: MAB-25003, MAB test report, Revision. 1, dated 13 May 2025, Pages 1

Drawing No. -, Catalogue Gate Valve, Revision: -, Pages: 1

Term of Validity

This Product Design Assessment (PDA) Certificate remains valid until 30/Sep/2030 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. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

ABS Rules

2025 ABS Rules for Conditions of Classification Marine Vessel Rules: 1A-1-4/7.7, 1A-1-A3, 1A-1-A4, which covers the following:

2025 Rules for Building and Classing Marine Vessel Rules: 4-6-2/5.11 and 4-6-2/7.3

2025 ABS Rules for Conditions of Classification Offshore Units Rules 1B-1-4/9.7, 1B-1-A2, 1B-1-A3 which cover the following:

2025 Rules for Building and Classing Offshore Units (Offshore Rules) 4-2-2/9

International Standards

NA

EU-MED Standards

NA

National Standards

NA

Government Standards

NA

Other Standards

EN 558:2022



A handwritten signature in dark ink, appearing to read 'Joseph W. Wilson'.

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 15-Jan-2026 3:34

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

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 prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.