



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Wouter Witzel EuroValve B.V.
Address	Industrieterrein De Pol 12, Losser, 7581 CZ, Netherlands
Type	Butterfly Valves
Description	Soft seated butterfly valve. Wafer (with or without lugs) and flanged type
Trade Name	Eurovalve 'EV' range
Application	Butterfly valve for marine and offshore piping systems
Specified Standard	LR Rules and Regulations for Classification of Ships, July 2022 EN 558:2008, Series 20 (ISO 5752:1982) EN19:2016 (ISO 5209:1977) API 598:2016 EN12266-1:2012, P10, P11, P12, Rate A (ISO 5208:2008) EN 12266-2:2012, F20 EN 593:2009 +A1:2011 ISO 19921:2005 and UK Department of Transport, Survey of Fire Protection Arrangements in Merchant Ships, Appendix D LR Type Approval System Procedure TA14 Version 04 (September 2020)
Ratings	See Appendix

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Joseph Buttigieg

Lead Technical Specialist to Lloyd's Register
EMEA
A member of the Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Type Approval Certificate

Additional Tests

- All relevant materials used (e.g. bodie, disc) for pressure-retaining parts are to be tested and certified as per the “Rules for the Manufacture, Testing and Certification of Materials” or as allowed by Part 5, Chapter 12, 1.7.1 of the LR Rules and Regulations. Final acceptance remains to be to the attending Surveyor’s satisfaction
- For use in applications where the design temperature is below 0 deg. C and for other applications where guaranteed impact properties are required, relevant materials used for pressure-retaining parts are subject to Charpy V-test requirements as per the Rules for Materials

Other Conditions

- In all cases, the materials of valve bodie, disc, seat and gaskets are to be suitable for the proposed service and media
- Valves are to be installed to manufacturer’s instructions and the satisfaction of the attending Surveyor
- Operating gear for the control of these valves does not form part of his approval
- See Appendix for further conditions

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 17/30005

The Design Appraisal Document PRJ11100397878 and its supplementary Type Approval Terms and Conditions form part of this Certificate.