



Certificate No. 02-005476/027082

## TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

### BUTTERFLY VALVE

**EVS, EVL, EVS-i wafer type**  
**EVBS, EVBLS wafer- semi lug type**  
**EVCS, EVCS-i, EVCLS-i wafer- semi lug type**  
**EVTLS, EVTLS-i wafer- lug type**  
**EVUS, EVUS-i wafer- U section type, with flanges**  
**EVMS, EVML, EVMS-i wafer- mono flange type**  
**EVFS, EVFL, EVFS-i, EVFL-i double flanged type**

MANUFACTURER:

### WOUTER WITZEL EUROVALVE B.V.

Industrieterrein De Pol 12  
7581 CZ LOSSER  
NETHERLANDS

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

CRS: Rules for the classification of ships, Part 8. – Piping.  
Rules for the classification of ships, Part 17. – Fire protection.

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: **2030-05-12**

Place and date: Split, 2026-05-12 Seal

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

**DETAILED PRODUCT DESCRIPTION:**

Concentric butterfly valve with bonded vulcanised rubber lining (EV range).

Concentric butterfly valve with bonded vulcanised rubber lining and with indication for position of the disc (EV-i range).

**APPLICATION / LIMITATIONS:**

Butterfly valves may be used for the following systems: fire main, fresh and seawater, sanitary water, bilge and ballast, cargo oil, fuel and lubricating oil; as shipside valves.

**TYPE APPROVAL DOCUMENTATION:**

EVMS-i	DTAFA047-AB; DTAFA046-AB; DTAFA045-AB
EVUS-i	DTAFA044-AB; DTAFA043-AB
EVFL-i	DTAFA042-AB; DTAFA041-AB; DTAFA040-AB
EVFS-i	DTAFA024-AB; DTAFA015-B; DTAFA005-C
EVCLS-i	DTAFA017-B
EVCS-i	DTAFA016-B
EVTLS-i	DTAFA014-B; DTAFA004-C
EVS-i	DTAFA003-C
EVS 100	1.403018-i; TM0400-C; VB1605-D; 1.302910-a
EVFS 400	1.403271-g; TM1601-D; VB4005-B; 1.302950-c

**Material specification:** M03D, M20C, M50F, M52D, M80D, M85E

**Technical documentation:** TD/E/1998/2

**Product data sheet:** PDS01.61.001, PDS01.62.001, PDS01.63.001, PDS01.64.001, PDS01.65.001, PDS01.66.001, PDS01.67.001, PDS01.68.001

See letter No. 020963/TS/847-VB of 25<sup>th</sup> September 2000.

See letter No. 1482/TS/VB/027082 of 2026-05-12.

**Operational limits:**

size	max.working press.
EVS-i DN 400-1000 mm	10/16 bar
EVCS-i DN 40-350 mm	16 bar
EVCLS-i DN 40-300 mm	16 bar
EVTLS-i DN 40-1000 mm	10/16 bar
EVUS-i DN 600-2200 mm	10/16 bar
EVMS-i DN 40-1200 mm	10/16 bar
EVFS-i DN 40-2000 mm	10/16 bar
EVFL-i DN 40-1400 mm	10/16 bar

**Operational limits:**

size	max.working press.
EVS DN 50-1400 mm	10/16/25 bar
EVL DN 50-300 mm	10/16 bar
EVBS DN 50-300 mm	10/16/25 bar
EVBSL DN 50-200 mm	16 bar
EVCS DN 50-300 mm	10/16/25 bar
EVTLS DN 50-1200 mm	10/16 bar
EVUS DN 600-2400 mm	16 bar
EVMS DN 350-1000 mm	16 bar
EVML DN 80-800 mm	10/16/25 bar
EVFS DN 50-2000 mm	10/16/25 bar
EVFL DN 50-1500 mm	10/16 bar

**Max. working temperature dependent on material in seat:**

NBR	90°C
EPDM	120°C
FPM	200°C
VMQ	200°C

**MARKING OF PRODUCT:**

Type  
Nominal size  
Nominal pressure  
Material  
Manufacturer's name  
Year of manufacture  
Inspector's identification

**CONDITIONS FOR CERTIFICATION:**

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