



Certificate No. 02-003030/025057

## 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:

<b>BUTTERFLY VALVE</b>	<b>DYNAXE</b>	type	L162; L201; W162; W201	wafer type
		type	F131; F142	double flanged type
size	DN 50	to	900	type L201; W201
size	DN 50	to	600	type L162; W162; F131; F142

### 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: **2024-10-22**

Place and date: Split, 2020-08-03

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:**

Excentric butterfly valve soft or metal seated.

**APPLICATION / LIMITATIONS:**

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

temperature range:       -30°C to     +200°C soft seated  
                                  -30°C to     +400°C metal seated

najveći radni tlak:         20 bar/Class 150 (type L201, W201 and F131)

max. working press.:     50 bar/Class 300 (type L162, W162 and F142)

**TYPE APPROVAL DOCUMENTATION:**

Draw. No.

DYNAXE type L201	D-CACA 042-E
DYNAXE type L162	D-CADA 001-F
DYNAXE type W201	D-CAAA 057-D
DYNAXE type W162	D-CABA 004-D
DYNAXE type F131	D-CAEA 010-C
DYNAXE type F142	D-CAFA 009-A

See letter No. TS/VB/023332 of 7<sup>th</sup> September 2012.

**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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