



Certificate No. 02-003059/025102

## 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:

### GATE VALVE with indicator Non-rising stem type

MANUFACTURER:

**DIKKAN GEMI VE ENDUSTRIYEL VANA SAN.TIC. A.S.**

Izmir Kemalpaşa Yolu  
Hayitlikirmevkii No: 30 PB: 35730  
Kemalpaşa – Izmir

**TURKEY**

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

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

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

APPROVAL IS VALID UNTIL: **2024-10-14**

Place and date: Split, 2020-10-14

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:**

Ductile iron gate valve with indicator, of non-rising stem type (SS and bronze trim).

**APPLICATION / LIMITATIONS:**

Gate valves may be used in Class II and Class III piping systems in accordance with CRS Rules, Part 8 – Piping, Chapter 1, and also on the ship's side and bottom and on the collision bulkhead.

**TYPE APPROVAL DOCUMENTATION:**

Technical documentation 18.347; 18.358

See letter No. 2144/TS/VB/025102 of 12<sup>th</sup> October 2020.

Operational limits:

size: DN 40 to DN 500 max.working press.: 16 bar/ 10 bar/ 6 bar (depending on size as per manufacturer's specification)

temperature range: 0°C to 120°C

**MARKING OF PRODUCT:**

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

**CONDITIONS FOR CERTIFICATION:**

Valve bodies (for class II, on ship's side and on collision bulkhead) with  $DN \geq 100$  shall be delivered with class certificate for material in accordance with CRS Rules, Part 8 – Piping, Table 17.1.3.

CRS product certificate is required for class II valves and for valves fitted on ship's side and on collision bulkhead.