



Certificate No. 02-003057/025102

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:

**GLOBE VALVE STOP type
GLOBE VALVE SDNR type with spring
Straight and angle 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 globe valves, of stop and SDNR type with spring (SS and bronze trim).

APPLICATION / LIMITATIONS:

Globe 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 10.347.ST; 10A.347.ST; 10.347.SD.SP; 10A.347.SD.SP; 10.359.ST; 10A.359.ST;
10.359.SD.SP; 10A.359.SD.SP

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

Operational limits:

size: DN 15 to DN 500 max.working press.: 16 bar/ 10 bar/ 6 bar/ 4 bar (depending on size as per
manufacturer's specification)

temperature range: 0°C to 180°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.