



Marine &amp; Offshore

Certificate number: 20126/D0 BV

File number: ACM 145/2533/01

Product code: 2221I

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

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

IZMIR - Türkiye

*for the type of product*

**EMERGENCY SHUT OFF VALVES, QUICK CLOSING VALVES**

Straight and Angle Quick Closing Valves

### Requirements:

- BUREAU VERITAS Rules for the Classification of Steel Ships
- BUREAU VERITAS Rules for the Classification of Offshore Units
- BUREAU VERITAS Rules for the Classification of Naval Ships

*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 15 Jul 2029**

**For Bureau Veritas Marine & Offshore,**

At BV ISTANBUL, on 15 Jul 2024,

Gurcan Yilmaz

***This certificate was created electronically and is valid without signature***



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=brdhrf0pr>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION**

#### **Straight and Angle Quick Closing Valves**

##### 1.1 Technical data

Operation	Pneumatic, hydraulic, mechanical
Dimension (mm)	DN 15 to DN 200
Pressure rating (bar)	PN 16
Max. working temperature (°C)	150

##### 1.2 Material specification

Body	Nodular cast iron GGG 40.3 / Steel GS-C-25 / Bronze Rg 5 - Rg 10
Cylinder body	Brass MS 58
Bonnet	Nodular cast iron GGG 40.3 / Steel GS-C-25 / Bronze Rg 5 - Rg 10
Disc, stem	Stainless steel AISI 304
Seat	Stainless steel AISI 304

*When other choices of materials are used per manufacturer's recommendations, the BV agreement is to be obtained.*

### **2. DOCUMENTS AND DRAWINGS**

#### - Drawings

N° AKV-00 - Quick closing valves (straight/angle form) Rev.0
N°00005460 & N°00001712 dated 23/07/2007 - Bonnet nut
Quick closing valve Bonnet N°00000648 Rev.9
N° 00006481 Rev.0 - Handwheel
N° 00003333 Rev.09 - Stem

*No departure from the above documents shall be made without the prior consent of the Society. The manufacturer must inform the Society of any modification or changes to these documents and drawings.*

### **3. TEST REPORTS**

#### 3.1 Tests carried out at workshops in the presence of a Society's surveyor:

- Shell strength test and tightness test at 24 bar dated 24/04/2008
- Operation test dated 24/04/2008

#### 3.2 Vibration resonance test carried out in the TSE Deney Laboratories. Test report N° 16.20.04 / 13479 /04-08. dated 07/04/2008

### **4. APPLICATION / LIMITATION**

- 4.1 - May be used as emergency shut-off valves in oil fuel, lubricating oil, thermal oil systems and other flammable oil tanks.
- 4.2 - The valves belong to class II of piping systems according to the relevant requirements stated in Part C, Chapter 1, Sec 10 of BUREAU VERITAS Rules.
- 4.3 - The valve is to be installed according to manufacturer instructions and BUREAU VERITAS Rules.

### **5. PRODUCTION SURVEY REQUIREMENTS**

- 5.1 - The products are to be supplied by **DIKKAN GEMI VE ENDUSTRIYEL VANA SAN.TIC. A.S.** in compliance with the type and the requirements described in this certificate.
- 5.2 - This type of product is within the category IBV of BUREAU VERITAS Rule Note NR320.
- 5.3 - Bureau Veritas Certificate is required for materials of valve housings of class II (DN≥100). Materials of valve housings of class II (DN<100) and for other parts are to be with work's certificates.
- 5.4 - The quick closing valve housing is subject to a test pressure at 1.5 times design pressure.
- 5.5 - BV product certificate is required.

5.6 - For information, **DIKKAN GEMI VE ENDUSTRIYEL VANA SAN.TIC. A.S.** has declared to Bureau Veritas the following production site:

**DIKKAN GEMI VE ENDUSTRIYEL VANA SAN.TIC. A.S.:**  
**IZMIR KEMALPASA YOLU, NO:30 HAYITLIKIR MEVKII**  
**ULUCAK KEMALPASA, IZMIR, TURKEY**

## **6. MARKING OF PRODUCT**

Quick closing valve shall be at least marked with:

- Manufacturer's name or logo
- Type designation
- Date of manufacture
- Society's brand as relevant

## **7. OTHERS**

It is **DIKKAN GEMI VE ENDUSTRIYEL VANA SAN.TIC. A.S.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

*This certificate supersedes the Type Approval Certificate No. 20126/C0 BV issued by the Society.*

**\*\*\* END OF CERTIFICATE \*\*\***