

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

(This certificate supersedes certificate number 17/20039 issued on 10.04.2017 which is hereby cancelled.)

This certificate is issued to:

PRODUCER LK Valves AB

> Garnisonsgatan 19 25466 Helsingborg

Sweden

Spring loaded quick-closing valves of straight or angled construction. **DESCRIPTION**

Remote control by hydraulic, pneumatic or mechanical operation.

Local operation by hand or melting ring.

TYPE Quick Closing Valves

Bellow Sealed Quick Closing Valves

APPLICATION Marine, offshore and industrial applications

STANDARD Lloyd's Register's Rules and Regulations for the Classification of Ships

RATINGS Nominal Diameter, DN, (mm)

15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200 & 250

Certificate No. 17/20039(E1)

Issue Date 14 March 2019

Expiry Date 29 September 2023

Johannes Wiegel **Hamburg Technical Support Office**

Lloyd's Register EMEA

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Johannes Wiegel Hamburg Technical Support Office Lloyd's Register EMEA

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RATINGS (continues) Nominal Pressure, PN, (bar)

> DN15 to DN 150 DN200 & DN250 10

Nodular Cast Iron **Body Material**

> Cast Steel **Bronze** Stainless Steel

PLACE OF PRODUCTION LK Valves AB Changzhou LK Valves, Ltd.

> Garnisonsgatan 19 Building No. 16, Xin Yu Logistics Park

25466 Helsingborg East Renmin Road No. 8

YaoGuan Town Wujin Changzhou 213102 Sweden

Jiangsu Province

Peoples Republic of China

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ENS 35937-17, issue No. 1 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Johannes Wiegel **Hamburg Technical Support Office**

Lloyd's Register EMEA

29 September 2023 LR031.1.2016.00

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