



TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This Certificate consist of 2 Pages

This is to certify that the
SHIP HORN SYSTEM

With type designations

SHIP HORNS: KDE 02.120, KHD 02.120, KHD 02.130, KHD 02.138,
HORN CONTROL PANEL: KGP.021.24

Manufactured by

KOREL ELEKTRİK VE GEMİ MLZ. SAN. TİC. LTD. ŞTİ.

Is found to comply with

Türk Loydu Rules Part B Chapter 5 Jan 2021, Part E Chapter 105 Jan 2016

Application : Approved as horn system for naval or commercial vessels
Design : Korel Elektrik San. Tic. Ltd. Şti.
Sizes : Dimensions are according to drawings.
Address of Manufacturer : Kaynarca Mh. Sabırlı Sk. No:5 Kat:4 Pendik-İSTANBUL
Place and date : İSTANBUL / 14.07.2021

Subject to the conditions referred to in the following pages, this certificate is valid until 13.07.2026.


Emrah SÖĞÜTÇÜ
New Building Division Manager



Product description : Nominal Voltage: 24 VDC, 115VAC, 230VAC, Working air pressure: 6 – 12 Bar, Test air pressure: 30 Bar, Control panel: manual and automatic

Type Designation : Ship Horns: KDE 02.120, KHD 02.120, KHD 02.130, KHD 02.138, Horn Control Panel: KGP.021.24

Materials used : Bronze solenoid valve, bronze diaphragm socket, bronze air filter, AIMg3 for 120db and 130db horn tube, FRP for 138db, KDE 02.120 with own air compressor inside horn case, Other materials are according to approved drawings.

Application/ Limitation (Approval conditions): -

Documentation : Korel Elektrik approved drawings and test reports for KDE, KHD, KGP

Test carried out (and results) : Following tests are carried out and found satisfactory:

- Visual inspection
- High voltage test
- Insulation check
- IP degree control
- Function test (including sound strength measurement)

Place of test carried out : Pendik/İSTANBUL

Marking of product: The product to be marked same as below mentioned.

- Maker's name or trade mark,
- Type designation, nominal values,
- Model and Serial No,
- IP degree (IP56)



Yağız YILDIRIM
Surveyor

This certificate is subject to terms and conditions described below:

- Any significant change in design or construction may render this Certificate invalid. Type Approval Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. This certificate is not valid for products without marking above mentioned. The manufacturer should notify TÜRK LOYDU of any modifications or changes to the equipment in order to obtain valid certificate. This certificate shows that tested specimens as representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.