Certificate No.: 2301061109331247

TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This is to certify that the

WATER FIRE MONITOR

Manufacturer	MARSİS MAKİNE VE GEMİ SANAYİ ANONİM ŞİRKETİ
Address	İstanbul Deri ve Endüstri Serbest Bl. Aydınlı SB mah. Kodalak Cad. No:12 Tuzla- İSTANBUL
Product Type	MF06 EW, MF10 EW, MF10 EF, MF20 EW, MF20 EF, MF06 MW
Reference Rule	TL Rules, Part A, Chapter 2, Material , 01.01.2021 TL Rules, Part B, Chapter 4, Machinery, 01.01.2021 TL Rules, Part B, Chapter 5, Electric, 01.01.2021 TL Rules, Part E, Chapter 103 - Metallic Materials, Special Materials for Naval Ships, 01.01.2022 TL Rules, Part E, Chapter 105 - Naval Ship Technology, Electrical Installations, 01.01.2022 TL Rules, Part E, Chapter 107 - Naval Ship Technology, Ship Operation Installations and Auxiliary System, 01.01.2022 ISO 6182-1:2021 , 01.08.2021
Place and Date	İSTANBUL / 22.02.2023
Approval Conditions :	Fire Fighting Ships.

Subject to the conditions referred to in the following pages, this certificate is valid until 12.05.2027.

Emrah SÖĞÜTÇÜ

New Building Division Manager

129219

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 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 revelant international instruments that apply to it.

Product : WATER FIRE MONITOR

Approval No / Date : PAE-EPAS/013161/22-0540/MYÖ on dated 06.07.2022
PAE-EPAS/013907/22-0540/ŞÜ on dated 27.09.2022
PAE-EPAS/013284/22-0540/ŞÜ on dated 25.07.2022

Horizontal Rotation : 3500 (-175 /+175)

Vertical Rotation : -45 / +75 degree

	Type of Product	Max. Capacity	Nominal Capacity	Max. Working Pressure	Horizontal Throw Range	Others
1	MF06 EW	7500 l/min (450 m3/h)	6000 l/min (360 m3/h)	16.0 bar	85 m(at 35°, 7500 l/min)	Max. Test Pressure: 24 bar Flange Connection: 100 DIN PN16 as standart, acc.4" ANSI 150 lbs as optional, acc. 100 JIS B 2210 10 K as optional. Max. Total Weight: 90 kg
2	MF10 EW	12000 l/min (720 m3/h)	10000 l/min (600 m3/h)	16.0 bar	100 m(at 35°, 10000 l/min)	Max. Test Pressure: 24 bar Flange Connection: 150 DIN PN16 as standart, acc.6" ANSI 150 lbs as optional, acc. 150 JIS B 2210 10 K as optional. Max. Total Weight: 115 kg
3	MF10 EF	12000 l/min (720 m3/h)	10000 l/min (600 m3/h)	16.0 bar	110 m(at 35°, 10000 l/min)	Max. Test Pressure: 24 bar Flange Connection: 150 DIN PN16 as standart, acc.6" ANSI 150 lbs as optional, acc. 150 JIS B 2210 10 K as optional. Max. Total Weight: 135 kg
4	MF20 EW	22500 l/min (1350 m3/h)	20000 l/min (1200 m3/h)	16.0 bar	140 m(at 35°, 20000 l/min)	Max. Test Pressure: 24 bar Flange Connection: 250 DIN PN16 as standart, acc.10" ANSI 150 lbs as optional, acc. 250 JIS B 2210 10 K as optional. Max. Total Weight: 290 kg
5	MF20 EF	22500 l/min (1350 m3/h)	20000 l/min (1200 m3/h)	16.0 bar	140 m(at 35°, 20000 l/min)	Max. Test Pressure: 24 bar Flange Connection: 250 DIN PN16 as standart, acc.10" ANSI 150 lbs as optional, acc. 250 JIS B 2210 10 K as optional. Max. Total Weight: 335 kg
6	MF06 MW	7500 l/min (450 m3/h)	6000 l/min (360 m3/h)	16.0 bar	85 m(at 35°, 7500 l/min)	Max. Test Pressure: 24 bar Flange Connection: 100 DIN PN16 as standart, acc.4" ANSI 150 lbs as optional, acc. 100 JIS B 2210 10 K as optional. Max. Total Weight: 90 kg

Surveyor Name : Sezer Mahir TUĞCU

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