

**POTVRDA O TIPNOM ODOBRENJU**
TYPE APPROVAL CERTIFICATEBr /No **01-013191/019741**

Potvrđuje se da je ovaj proizvod, u skladu s Pravilima za klasifikaciju brodova, Dio 1. - Opći propisi, Odjeljak 3. - Tipno odobrenje proizvoda, odobren za ugradnju na brodove i postrojenja pod nadzorom Hrvatskog registra brodova.
This is to certify that this product, on the basis of the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products, is approved for use on board ships and installations under supervision of the Croatian Register of Shipping.

TIP I OPIS PROIZVODA:
TYPE AND DESCRIPTION OF PRODUCT:

**PLUTAJUĆI PONTON TIP FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00) ZA GATOVE
U MARINAMA**

*FLOATING PONTOON TYPE FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), FOR BERTHS
IN MARINAS*

PROIZVOĐAČ:
MANUFACTURER:

INGEMAR s.r.l.

Via Martin Luther King 50
31032 Casale Sul Sile (TV)
ITALY

PROIZVOD UDOVOLJAVA SLIJEDEĆIM PRAVILIMA/PROPISIMA:
THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

Pravila za klasifikaciju brodova; Tehnička okružnica HRB-a QC-T-191.

Rules for the classification of ships; CRS Technical Circular QC-T-191.

DETALJI O PROIZVODU I UVJETIMA CERTIFIKACIJE DANI SU NA POLEĐINI.
FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

ODOBRENJE VRIJEDI DO: 2022-03-18
APPROVAL IS VALID UNTIL:

Mjesto i datum: Split, 2019-01-07
Place and date:

M.P.
(Seal)

Marinko Popović, dipl.ing.

NAPOMENA: Ova potvrda nije valjana ako se proizvod ili način njegove proizvodnje promijenio u odnosu na tipno ispitani proizvod. Proizvođač treba obavijestiti Hrvatski registar brodova o bilo kojoj izmjeni na proizvodu kako bi ishodio valjanu potvrdu.
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.

PODROBNJI OPIS PROIZVODA:
DETAILED PRODUCT DESCRIPTION:

Plutajući ponton tip FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00) ima čeličnu strukturu (EN 10025 S275 JR) zavarenu MAG postupkom zaštićenu metodom toplog pocinčavanja. Paluba od tropskog drva Yellow Ballau postavljena je na uzdužnim aluminijskim nosačima (EN-AW 6060-T6). Ponton ima 3 (2) uzgonska elementa dimenzija 2,92x2,0x0,9 m izrađena od ekspaniranog polistirena klase SD, tipa N presvučenog s tankim slojem betona C20/25 ojačanog polipropilenskim vlaknima.

Floating pontoon type FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00) structure is made of steel (EN 10025 S275 JR, MAG welded and hot-dip galvanized). Deck is made of tropical wood Yellow Ballau screwed on aluminium beams (EN-AW 6060-T6). Pontoon has 3(2) floating units with dimensions 2.92x2.0x0.9 m made of expanded polystyrene grade SD, type N covered with thin layer of C20/25 sulphate resistant concrete reinforced with polypropylene fibres..

Dimenzije pontona FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00):

Pontoon dimensions FE/CF/12-3:

duljina/length 12 (8) m	nadvođe/freeboard 0.75 m
širina (preko svega)/breath (overall) 3.0 m	visina/height 1.161 m

PODRUČJE PRIMJENE / POSEBNI GRANIČNI UVJETI:
APPLICATION / LIMITATIONS:

Značajna visina vala do 0.5 m

Vez plovila duljine do 25.5 m

Significant wave height up to 0.5 m

Mooring of crafts length up to 25.5 m

DOKUMENTACIJA ZA TIPNO ODOBRENJE:
TYPE APPROVAL DOCUMENTATION:

Plutajući ponton FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Proračun br. 032-ENG-0 Rev.0

Plutajući ponton FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Tehničke značajke br. 032-ENG-0 Rev. 0

Nacrt "PONTILE GALLEGIANTE FE/IG/KING size DISEGNO DI ASSIEME" br. 1-3-D0000-Z-3561 Rev. B.

Nacrt "PONTILE KING SIZE FE/IG/12RR-3/3.00 TIPO K10 ASSIEME COSTRUTTIVO" br. 1-0-C1513-Y-8131 Rev.0

Nacrt "PONTILE KING SIZE FE/CF/8RR-3/3.00 ASSIEME COSTRUTTIVO" br. 1-0-S0000-Y-7959 Rev.0

Nacrt "PONTILE KING SIZE FE/CF/12RR-3/3.00 ASSIEME COSTRUTTIVO" br. 1-0-S0000-Y-7959 Rev.0

Nacrt "PONTILE KING SIZE GIUNTO DI UNIONE M24X200" br. 1-3-D0000-Z-5093

Floating pontoon FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Calculation Report No. 032-ENG-0 Rev.0

Floating pontoon FE/CF/12RR-3/3.00 (FE/CF/8RR-3/3.00), Technical Specification No. 032-ENG-0 Rev. 0

Drawing "PONTILE GALLEGIANTE FE/IG/KING size DISEGNO DI ASSIEME" No. 1-3-D0000-Z-3561 Rev. B.

Drawing "PONTILE KING SIZE FE/CF/12RR-3/3.00 TIPO K10 ASSIEME COSTRUTTIVO" No. 1-0-C1513-Y-8131 Rev.0

Drawing "PONTILE KING SIZE FE/CF/8RR-3/3.00 ASSIEME COSTRUTTIVO" br. 1-0-S0000-Y-7959 Rev.0

Drawing "PONTILE KING SIZE FE/CF/12RR-3/3.00 ASSIEME COSTRUTTIVO" br. 1-0-S0000-Y-7959 Rev.0

Drawing "PONTILE KING SIZE GIUNTO DI UNIONE M24X200" br. 1-3-D0000-Z-5093

OZNAČAVANJE PROIZVODA:
MARKING OF PRODUCT:

Proizvod se mora označiti imenom proizvođača, oznakom pontona i serijskim brojem.

The product shall be marked with name of manufacturer, type of pontoon and serial number.

UVJETI ZA CERTIFIKACIJU:
CONDITIONS FOR CERTIFICATION:

Nema.

None.