



**EC TYPE EXAMINATION (MODULE B)  
CERTIFICATE No. MED302023WS**

***This is to certify** that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Life-Saving appliances requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2022/1157.*

<i>MED Item N°</i>	<b>MED/1.26a</b>
<i>Description</i>	<b>Release mechanism for: (a) lifeboats and rescue boats (launched by a fall or falls)</b>
<i>Type</i>	<b>WHK-40</b>
<i>Testing standards</i>	<b>IMO Res. MSC 81(70) as amended</b>
<i>Reference standards</i>	<b>Reg. III/4,III/16,III/34 and Reg. X/3 of SOLAS 74 Convention as amended; IMO Res. MSC.48(66) - LSA Code, as amended.</b>

*Issued in SHANGHAI on  
April 15, 2023*

*This Certificate is valid until  
April 14, 2028*

*This Certificate consists of this sheet plus an attachment*

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**Bunan Xu**

*RINA Services S.p.A.*



**ATTACHMENT TO  
CERTIFICATE No. MED302023WS  
Page 1 of 2**

*Manufacturer*

**Wuxi Mingzi Machinery Manufacturing Co., Ltd.**

*Place of Manufacturer*

NO. 5-1 XINYUAN RD QIANZHOU INDUSTRIAL PARK  
214100 Wuxi  
CHINA

*Name & place of Authorised Representative*

ANTONIO TRANI(FTTM SRL)  
VIA DOMENICO CIMAROSA N.37,NAPOLI,ITALY  
ITALY

## TECHNICAL DATA

- Hook release mechanism with SWL of 40 kN.
- Hanging-off load of 3320 kg.
- The mechanism with two release capabilities: normal (off-load) release capability and on-load release capability.
- A hydrostatic interlock is provided which may automatically reset upon lifting the boat from the water.
- Movable hook component with thickness of 30 mm.
- Hook with inner circle radius of 18 mm.
- Each hook assembly connected with lifeboat by 6 bolts.
- Hook release mechanism shall be used for Totally Enclosed Lifeboat only.
- Hook release mechanism is in compliance with IMO Res. MSC.48(66), as amended by Resolution MSC.320(89).

## REFERENCE DOCUMENTS

<b>Appr. Dwg.</b>	<b>Title</b>
SHST-11537/12568	RELEASE MECHANISM-WHK-40

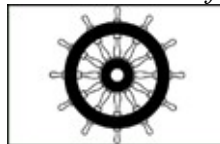
## TESTS CARRIED OUT

Release mechanism has been tested on 15/April/2013 in compliance with IMO Res. MSC.48(66), as amended and IMO Res. MSC.81(70), as amended by Resolution MSC.321(89).



**ATTACHMENT TO  
CERTIFICATE No. MED302023WS  
Page 2 of 2**

*The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body*



**XXXX/YYYY**

**"WHEELMARK FORMAT"**

**XXXX**      *Notified Body number undertaking surveillance module*

**YYYY**      *The year in which the mark is affixed*

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***General conditions for the approval***

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

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**Bunan Xu**