

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB000068A
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

That the Winches for survival craft and rescue boats: (b) free-fall lifeboats

with type designation(s)

ZHP EG 4.13, ZHP EG 4.15, ZHP EG 4.19, ZHP EG 4.20, ZHP EG 4.22, ZHP EG 4.24, ZHP EG 4.25, ZHP EG 4.26

Issued to

Zollern GmbH & Co. KG
Herbertingen, Germany

is found to comply with the requirements in the following Regulations/Standards:

Regulation **MSN 1874 Amendment 9**,

item No. UK/1.41b. SOLAS 74 as amended, Regulation III/4, III/16, III/23, III/24, III/34, X/3, LSA Code and IMO MSC.1/Circ.1632

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-10-30**.

Issued at **London** on **2024-10-31**

DNV local unit:
Hamburg - CMC
North/East

Approval Engineer:
Frank Poetsch



Approved Body No.: **0097**

for **DNV UK Ltd.**

Mydlak-Röder, Christine
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

Winches for free-fall lifeboats, winch types ZR ZHP EG 4.13, ZHP EG 4.15, ZHP EG 4.19, ZHP EG 4.20, ZHP EG 4.22, ZHP EG 4.24, ZHP EG 4.25, ZHP EG 4.26

Application/Limitation

	ZHP EG 4.13	ZHP EG 4.15	ZHP EG 4.19	ZHP EG 4.20	ZHP EG 4.22
Line pull motor	11kN electric	26,5kN hydraulic	35kN hydraulic	45kN hydraulic	67,5kN hydraulic
Holding load	11kN	26,5kN	35kN	45kN	67,5kN
Rope - ϕ	10	13	16	18	20
Layer	1	2	2	2	2

	ZHP EG 4.24	ZHP EG 4.25	ZHP EG 4.26		
Line pull motor	65kN hydraulic	72kN hydraulic	100kN hydraulic		
Holding load	65kN	72kN	100kN		
Rope - ϕ	20	22	28		
Layer	3	3	4		

Type Examination documentation

is based in the following drawings, verified with the DNV GL Approval Certificate TAS00001N9.

Drawing no.	Title
1010769	ZHP 4.13 - EG Rope Winch
1014613	ZHP 4.15 – EG Rope Winch
1014739	ZHP 4.19 – EG Rope Winch
1014750	ZHP 4.20 – EG Rope Winch
1045893	ZHP 4.22 – EG Rope Winch
1299693	ZHP 4.24 – EG Rope Winch
1525942	ZHP 4.25 – EG Rope Winch
1061891	ZHP 4.26 – EG Rope Winch

Tests carried out

according to IMO Resolution MSC.81(70), amended up to MSC.323(89), Part 1, Regulation 8.1.

Type Test Report Serial No.:

- ZHP 4.15, EP-1014613, dd 2009-08-27
- ZHP 4.19; EP-1014739, dd 2009-07-30
- ZHP 4.20, EP-1014750, dd 2009-12-07
- ZHP 4.22, EP 1045893, dd 2009-08-27
- ZHP 4.26, EP-1061891, dd 2012-05-24

Marking of product

The winches are to be marked with manufacturer name, type designation, UK Mark of Conformity (see page 1).

END OF CERTIFICATE