



**Technical Data NDSC-R-23**

- Winch Type: DW25
- Working Radius: 4 m
- SWL: 2300 kg (Lowering)
- 250 kg (Hoisting)
- 250 kg (Slewing)
- Wire Diameter: 16 mm
- Max. Lowering Height: 37 m
- Lowering Speed: Not less than that obtained from the formula  $S = 0.4 + (0.02H)$ , and not exceed 1.3 m/s.
- Hoisting: By manual hand crank
- Slewing: By manual hand crank
- Weight of Davit: Approx. 1925 kg

**Notes:**

1. All embarkation and service platforms etc.: Yard supply;
2. Field welds to be performed by yard are shown by ; 100% NDT on all field welds as per yard qualified NDT procedures.
3. All field welds to be performed according to approved WPS (Yard responsibility). All field welding is subject to Class approval prior to start welding;
4. Reaction forces as joint loads each side, marked with nodes on deck interface.  
For orientation of forces see legend with marked XYZ vectors.  
All forces are point loads, nominal forces without any factors.

**Reaction Forces on Deck**

	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
F1 (MAX)	±14kN	41kN	±14kN	±46kNm	±35kNm	135kNm

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
11	Updated technical information	CENI	GACA	WAGU	07.04.2025
10	Updated the layout of control wire and max. lowering height	CENI	GACA	WAGU	18.06.2024
9	Added pull wires and lowering from deck wire	CENI	GACA	WAGU	01.02.2023
8	Updated the weight of davit	CENI	GACA	WAGU	15.03.2021

**REVISION HISTORY**



VIKING Life-Saving Equipment Norway AS  
 Tybakken 90 Tel: +47 37 05 85 00  
 4818 Færвик NORWAY Email: Viking-NO@viking-life.com

Drawn by ALJI Check by WU Appr. by WAGU Initial release date 24.09.2013

Project number \_\_\_\_\_ Project name \_\_\_\_\_ Client number \_\_\_\_\_

Title **NDSC-R-23 Liferaft davit** Material Number \_\_\_\_\_

Weight **N/A**

Projection method

Drawing type **GA** Tolerances **ISO 2768-mK, ISO 13920-BF** Scale **1:50** Sheet Size **A3**  
 Drawing Number **G-500219** Revision **11** Sheet No. **1/1**

