



Technical Data NRC-25 MKII

- Winch Type: DW25
- Working Radius: 4.5 m
- SWL: 2500 kg
- 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 Speed: Min. 18 m/min
- Weight of Davit: Approx. 2300 kg
- Slewing capability by stored power: 120° (with 1x40L accumulator)
270° (with 2x40L accumulator)

Notes:

1. All embarkation and service platforms etc.: Yard supply;
 2. Field welds to be performed by yard are shown by ;
 3. 100% NDT on all field welds as per yard qualified NDT procedures.
 4. All field welds to be performed according to approved WPS (Yard responsibility). All field welding is subject to Class approval prior to start welding;
 5. 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)	±17.57kN	51.36kN	±17.57kN	±44.14kNm	±41.22kNm	150.54kNm

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
2	Updated the layout of control wire and max. lowering height	CENI	GACA	WAGU	10.09.2024
1	Updated notes	CENI	GACA	WAGU	30.11.2022

REVISION HISTORY



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Drawn by: CENI, Check by: GACA, Appr. by: WAGU, Initial release date: 28.07.2021

Project number	Project name	Client number
Title NRC-25 MKII Rescue boat davit		Material Number
		Weight NA
		Projection method
Drawing type GA	Tolerances ISO 2768-mK, ISO 13920-BF	Scale 1:50
Drawing Number G-504441	Revision 2	Sheet Size A3
		Sheet No. 1/1

