



**Technical Data NDSC-25**  
 Winch Type: DW25  
 Working Radius: 4 m  
 SWL: 2500 kg  
 Wire Diameter: 16 mm  
 Max. Lowering Height: 40 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. 2500 kg  
 Slewing capability by stored power: 120 °

- NOTES:**
- ACCESS PLATFORMS, HANDRAILING, DOUBLER PLATES E.T.C.: YARD SUPPLY.
  - FIELD WELDS TO BE WELDED BY YARD ARE SHOWN BY ↑
  - ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS. (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPROVAL PRIOR TO START WELDING.
  - ALL FOUNDATIONS SHALL BE DESIGNED WITH A MIN. FACTOR OF SAFETY OF 4,5.
  - ALL STEEL TO BE NOTED ON DETAIL DRAWINGS

**FORCES IN DECK**

	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
F1 (MAX)	15 kN	45 kN	8 kN	14 kNm	16 kNm	120 kNm

FOR ORIENTATION OF FORCES, SEE LEGEND ON DRAWING.

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
5	Re-issued for approval	RIGU	GACA	WAGU	17.06.2019
4	Re-issued for approval	GACA	ALJI	WAGU	09.10.2018
3	Updated sketch of davit slewing direction on ship	GACA	ALJI	WAGU	22.08.2016
2	Added one slewing wire on deck	ALJI	GACA	WAGU	30.09.2014
1	Updated deck force	ALJI	GACA	WAGU	26.05.2014

WELDING INFORMATION					
Davit Build No:					
WELD NO.	JOINT	THROAT THICKN.	INSPECT. CAT.	WELD LENGTH	COMMENTS
001	✓	10	B	1920	

**VIKING NORSAFE**

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DWG SIZE: A3	SCALE: 1:60	COPY OF:	PROJECTION METHOD:
CLIENT NO:	TOLERANCES: ISO 2768-mk, ISO 13920-BF	DWG No: G-500203	REVISION: 5
PROJECT: NDSC-25 Combined Raft/Rescue Boat Davit		SHEET: 1/1	
With Midget-500 MKII		General Arrangement	

