



Technical Data NDSC-34

- Winch Type: DW34
- Working Radius: 4.5 m
- SWL: 34 kN
- Wire Diameter: 18 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. 2800 kg
- Slewing capability by stored power: 120°

WELDING INFORMATION					
Davit Build No:					
WELD NO.	JOINT	THROAT THICKN.	INSPECT. CAT.	WELD LENGTH	COMMENTS
001	✓	12	B	1920	

- 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)	+/-26kN	+76kN	+/-26kN	+/-242kNm	+/-30kNm	+/-242kNm

REVISION HISTORY

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
4	Re-issued for approval	RIGU	GACA	WAGU	17.06.2019
3	Re-issued for approval	GACA	ALJI	WAGU	09.10.2018
2	Updated reaction forces in deck ;removed the dimensions of boat cradle	GACA	ALJI	WAGU	14.04.2017

VIKING NORSAFE

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DWG SIZE: A3	SCALE: 1:60	COPY OF:	PART NO.:	WEIGHT:	SHEET: 1/1
CLIENT NO:	PROJECTION METHOD:	NDSC-34 Combined Raft/Rescue Boat Davit			
TOLERANCES: ISO 2768-mk, ISO 13920-BF	REVISION: 4	With 450 Matrix			
DWG No: G-500207	PROJECT:	General Arrangement			

