



NOTES:

1. ALL ELECTRIC WIRING BY YARD.
2. ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPR. PRIOR TO WELDING.
3. ALL FIELD WELDS SHOWN TO BE WELDED BY YARD DURING INSTALLATION.
4. WIRE LENGTHS:
 WIRE 1: $15m + H = X_m$
 WIRE 2: $19m + H = X_m$
 WIRE LENGTH INCLUDE 3 WRAPS ON DRUM
 $H =$ (HEIGHT FROM STOWAGE TO L.W.L. INCLUDE LIST AND TRIM.)
 $X_m =$ Total wire length
5. ALL MAIN STEEL Q355. ALL OUTFITTING STEEL Q235
6. CENTER OF GRAVITY ONLY FOR DAVIT INSTALLATION
7. 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.
8. THE DAVIT IS IN ACCORDANCE WITH THE LATEST REQUIRMENTS TO SOLAS
9. STARBOARD DAVIT SHOWN. PORT SIDE DAVIT IS MIRRORED
10. LOCATION OF PIN LASHING IS ONLY ESTIMATED. LASHING PIN TO BE INSTALLED AFTER THE BOAT IS INSTALLED IN THE DAVIT

FOR ORIENTATION OF FORCES, SEE X, Y AND Z-DIRECTION ON DRAWING. FORCES ARE POINT LOAD AT EACH DAVIT ARM

	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
F1	27,4 kN	84,7 kN	27,4 kN	77,6 kNm	35,2 kNm	180,5 kNm

DAVIT TECHNICAL DATA:
 SAFETY WORKING LOAD: 90 kN
 DAVIT WEIGHT: Approx. 6650 KG, INCL. WINCH

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
6	Updated Lifeboat view	MISO	ALJI	WAGU	12.04.2021
5	Updated Viking Norsafe template	MISO	ALJI	WAGU	09.10.2020
4	Reissued for approval	MISO	ALJI	WAGU	19.06.2019
3	Updated reaction forces based on ABS comment	ALJI	GACA	WAGU	26.09.2017
2	Updated reaction forces	ALJI	GACA	WAGU	23.11.2016
1	Updated reaction forces, welding symbol and winch version	GACA	ALJI	WAGU	12.05.2015

REVISION HISTORY

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Title: **C-85 WINCH NW-120 FOR LIFEBOAT JYN-80, 90KN**

Material Number: [Blank], Weight: [Blank], Projection method: [Blank]

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