



- 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: $13.5m + H = X_{m1}$
 WIRE 2: $17m + H = X_{m2}$
 WIRE LENGTH INCLUDE 3 WRAPS ON DRUM
 $H =$ (HEIGHT FROM STORAGE TO L.W.L. INCLUDE LIST AND TRIM.)
 $X_m =$ Total wire length
 5. ALL MAIN STEEL S355. ALL OUTFITTING STEEL S235
 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.
 8. ALL FORCES ARE POINT LOADS. NOMINAL FORCES WITHOUT ANY FACTORS.
 9. THE DAVIT IS IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF SOLAS
 10. 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

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
5	Updated SWL and Viking Norsafe template	MISO	ALJI	WAGU	09.10.2020
4	Revised for approval	MISO	ALJI	WAGU	19.06.2019
3	Updated reaction forces based on ABS comment	ALJI	GACA	WAGU	26.09.2017
2	Updated SWL and reaction forces	ALJI	GACA	WAGU	23.11.2016
1	Updated reaction forces and welding symbol	GACA	ALJI	WAGU	12.05.2015

FORCES	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
F1	25,4 kN	78,5 kN	25,4 kN	71,2 kNm	33,6 kNm	169,6 kNm

REVISION HISTORY	
VIKING Norsafe Life-Saving Equipment Norway AS	P.O. Box 115 4682 Framvik NORWAY Tel: +47 37 05 85 00 Fax: +47 37 05 85 01 24/7 Service: +47 37 05 83 33 Email: Viking-Norsafe@viking-life.com
Drawn by: HASO	Checked by: MIM
Appr. by: JJB	Initial release date: 18.12.2013

VIKING NORSAFE	
Project number	Project name
C-85 DAVIT FOR LIFEBOAT TYPE JYN-74	
Title	
Drawing type	Tolerances
GA	ISO 2768-mK ISO 13920-BF
Drawing Number	Scale
G-500274	1:50
Revision	Sheet Size
5	A3
1/1	Sheet No.
	1/1

DAVIT TECHNICAL DATA:

SAFETY WORKING LOAD: 85 kN

DAVIT WEIGHT: Approx. 5750 KG, INCL. WINCH