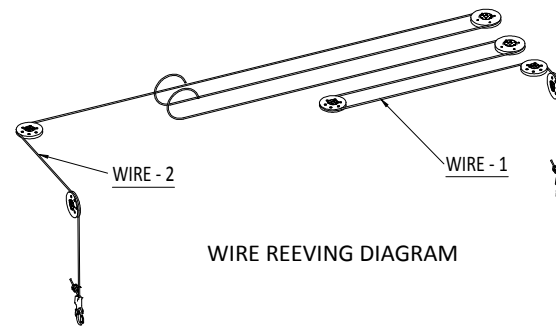


**DAVIT PRINCIPAL DIMENSIONS :**

- LENGTH OVERALL.....: 10.12 m
- BREADTH OVERALL.....: 4.57 m
- HEIGHT OVERALL.....: 4.58 m
- TOTAL WEIGHT OF 1 DAVIT.....: APPROX. 10300 Kg
- HOOK DISTANCE.....: 9.7 m



**NOTES:**

1. THIS DRAWING SHOWS STARBOARD SIDE DAVIT.
2. ALL ELECTRIC WIRING FROM EL-CABINET TO DAVIT BY YARD.
3. ALL FIELD WELDS TO BE PERFORMED ACC. TO APPROVED WPS (YARD RESPONSIBILITY). ALL FIELD WELDING IS SUBJECT TO CLASS APPR. PRIOR TO WELDING.
4. ALL FIELD WELDS MARKED WITH FLAG TO BE WELDED BY YARD DURING INSTALLATION.
5. WIRE LENGTHS:  
 WIRE 1: 20.5m + (H+H1) + 3m  
 WIRE 2: 23.5m + (H+H1) + 3m  
 H = HEIGHT FROM STOWAGE TO L.W.L.  
 H1 = ADDITIONAL HEIGHT DUE TO LIST AND TRIM
6. ALL MAIN STEEL TO BE S355, SUITABLE FOR -20°C.
7. ALL OUTFITTING STEEL TO BE S 235 SUITABLE FOR -20°C.
8. INSTALLATION OF PIN LASHING TO BE FINALIZED AFTER LIFE BOAT INSTALLATION (TO BE ALIGNED WITH BOAT LASHING BRACKETS).

**JOINT LOADS ON EACH SIDE (FOR ORIENTATION OF FORCES SEE LEGEND)  
 REACTIONS FOR DIFFERENT COMBINATION OF LIST & TRIM**

**F1 FOR LOAD CASE 17° LIST & 17° TRIM ACC. TO NORSOK R-002**

**\* FORCES MULTIPLIED BY DYNAMIC FACTORS**

	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
MIN	-77kN	+203kN	-87kN	-177kNm	-51kNm	+146kNm
MAX	+77kN	+297kN	+87kN	+187kNm	+51kNm	+645kNm

**F1 FOR LOAD CASE 20° LIST & 20° TRIM**

**\* NOMINAL FORCES WITHOUT ANY FACTORS**

	FORCE X	FORCE Y	FORCE Z	MOM X	MOM Y	MOM Z
MIN	-52kN	+114kN	-63kN	-120kNm	-33kNm	+22kNm
MAX	+52kN	+141kN	+62kN	+129kNm	+33kNm	+303kNm

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
4	Add Viking Norsafe logos	MISO	ALJI	WAGU	19.06.2019
3	Dimension Pin Lashing added	MIM	ESO	JB	11.06.2014
2	Ladder cage added	MIM	PGO	JB	15.01.2014

**REVISION HISTORY**

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DWG SIZE: A3 SCALE: 1:25 COPY OF: PART NO.: WEIGHT: SHEET: 1/1

**PROJECT:** Davit Type C-9,7-NO Starboard Version for JYN100 TELB General Arrangement

**REVISION:** 4