



**HD-30 B Davit for GES-30 Free Fall Lifeboat:**

SWL Lowering	9300 kg
Hoisting speed	5 m/min
Lowering speed	5 m/min
Total davit weight	APPROX. 9750 kg
Design specification	20° list / 10° trim
Primary means of launching	Free fall 20° list, 10° trim simultaneously
Secondary launching	Lowering by winch (5° list / 2° trim) EL. Power must be available
Max. inst. height	25 m

- NOTES:**
- Access platforms, handrails, doubler plates etc. :Yard supply.
  - Location of hydraulic power unit to be decided by yard. (Under-deck installation IP55).
  - Hydraulic piping between hydraulic power unit, davit and control valve to be yard supply.
  - All electric wiring by yard.
  - All field welds to be performed acc. to approved WPS. (Yard responsible)  
All field welding is subject to class approval prior to start welding.
  - All field welds shown to be welded by yard during installation. 100% NDT on all field welds as per yard qualified NDT procedures.

**FORCES IN DECK (POINT LOAD EACH SIDE):**

	Horizontal FORCE X kN	Vertical FORCE Y kN	Horizontal FORCE Z kN	Moment MOM X kNm	Moment MOM Y kNm	Moment MOM Z kNm
F1	±150.4	±167.7	±29.1	±43.2	±21.6	±50.9
F2	±164.2	±110.4	±32.2	±15.5	±24.5	±37.7

**Reaction forces:**  
Reaction forces as joint loads side, marked with nodes on deck inteface.  
For orientation of forces see legend with marked XYZ vectors.  
All forces are point loads, nominal forces without any factors.

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
5	Reissued for approval	SHWA	GACA	WAGU	25.07.2022
4	Added grating	SHWA	GACA	WAGU	09.08.2021
3	Changed RHS Size	TOWU	CEZH	WAGU	29.06.2020
2	Reissued for approval	JUCH	CEZH	WAGU	25.06.2019

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Drawn by JETA, Check by TEYU, Appr. by WAGU, Initial release date 13.10.2015

Project number	Project name	Client number
Title <b>HD-30 B DAVIT FOR GES-30(INI WINCH/HYD FF)</b>		Material Number
Drawing type GA		Weight
Drawing Number G-500758		Projection method
Tolerances ISO 2768-mK, ISO 13920-BF		Scale 1:1
Revision 5		Sheet Size A3
		Sheet No. 1/1