



HD-21 MKII Davit for GES-21 MKI Free Fall Lifeboat

Safe working load (SWL)	6300 Kg
Hoisting speed	5 m/min
Lowering speed	5 m/min
Total davit weight	Approx. 5000 Kg
Design specification	20° list / 10° trim
Primary means of launching	Free fall 20° list, 10° trim simultaneously
Max.inst.height	20 m

- NOTES:**
- 1, Access platforms, handrails, doubler plates etc.: Yard supply.
 - 2, Location of hydraulic power unit to be decided by yard. (Under-deck installation IP55).
 - 3, Hydraulic piping between hydraulic power unit and davit to be yard supply.
 - 4, All electric wiring by yard.
 - 5, All field welds to be performed acc. to approved WPS. (Yard responsible)
All field welding is subject to class approval prior to start welding.
 - 6, All field welds shown to be welded by yard during installation.

Forces in Deck (Point Load Each Side):

	Horizontal Force X	Vertical Force Y	Horizontal Force Z	Moment MOM X	Moment MOM Y	Moment MOM Z
F1	61/-72	76	1/-22	4/-36	9/-8	7/-8
F2	81/-73	45/-23	13/-31	7/-4	-12	15/-27

Reaction forces:
 Reaction forces as joint loads 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.

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Project number		Project name		Client number	
Title HD-21 MKII FOR GES-21 MKI				Material Number	
Drawing type GA				Weight N/A	
Drawing Number G-504430				Projection method 	
Tolerances ISO 2768-mK, ISO 13920-BF		Scale 1:80		Sheet Size A3	
Revision 0		Revision 0		Sheet No. 1/1	

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