



Norsafe NDA-40 Rescue Boat Davit

Technical data:

Davit weight approx. 5080 kg
 Davit Safety Working Load: 4077 kg
 Lowering: 4077 kg
 Hoisting: 4077 kg

Max. installation height: 65 m (including vessel's damaged condition)

Reaction forces:

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.
 All foundations shall be designed with a factor of safety of minimum 4.5, based on material ultimate strength.

REACTION FORCES IN DECK								
Load case	Node	Indication	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)
List +/- 20 deg & Trim +/- 10 deg	3 & 4	Max/Min	+72/-11	+111/-41	+3/-16	+2/-25	+16/-7	+2/-16
List +/- 20 deg & Trim +/- 10 deg	14	Max/Min	-2/-103	+134/-129	0/-1	0/0	0/0	+13/0
NORSOK R-002	3 & 4	Max/Min	+77/+7	+233/-13	+9/-10	+7/-10	+6/-7	-2/-17
NORSOK R-002	14	Max/Min	-15/-154	+199/-275	0/-2	0/0	0/0	+19/+2

0	ISSUED FOR CONSTRUCTION	DKL	PGO	PGO	09.03.2016
REV	DESCRIPTION	BY	CHECK	APPRO	DATE
REVISION HISTORY					
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DWG SIZE: A3	SCALE: 1:60	COPY OF:	PROJECTION METHOD:	PART NO.:	WEIGHT: N/A
CLIENT NO.:	TOLERANCES: ISO 2768-mk, ISO 13920-BF	DWG No.:	REVISION: 0	PROJECT: NDA-40 NO RESCUE BOAT DAVIT WITH 655 MAKO GENERAL ARRANGEMENT	
G-501313			SHEET 1 / 1		