

### Norsafe NDC-40 Rescue Boat Davit

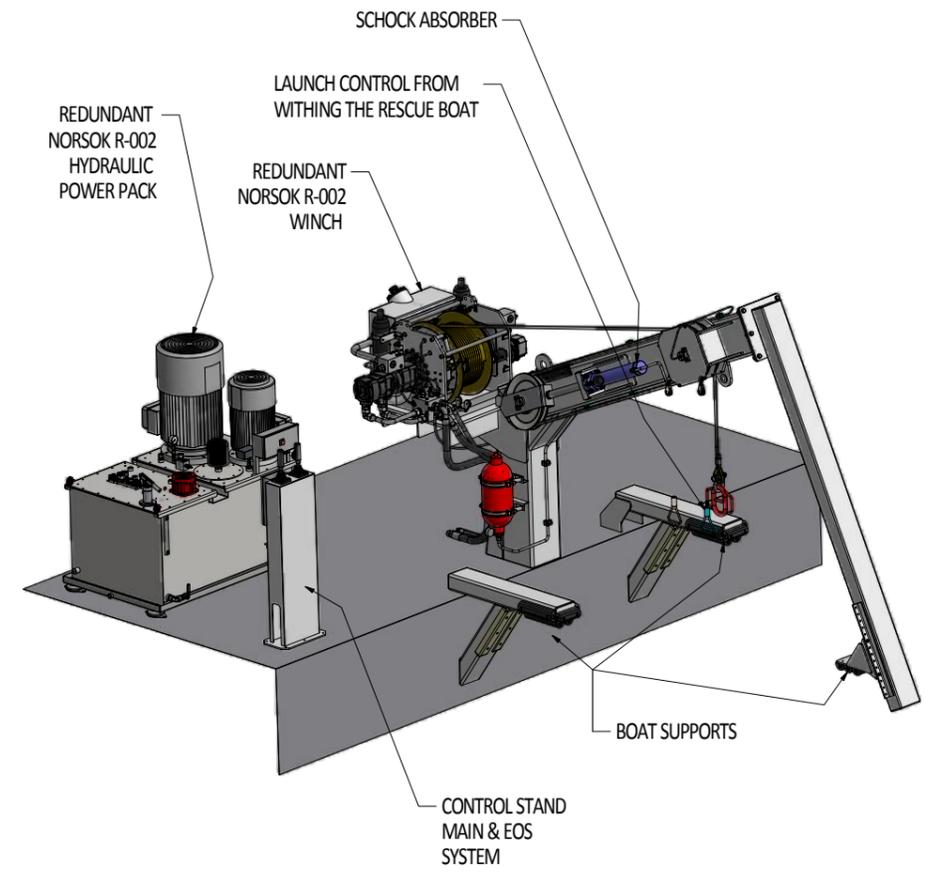
#### Technical data:

Davit weight approx. 4630 kg  
 Davit Safety Working Load: 4077 kg  
 Lowering: 4077 kg  
 Hoisting: 4077 kg

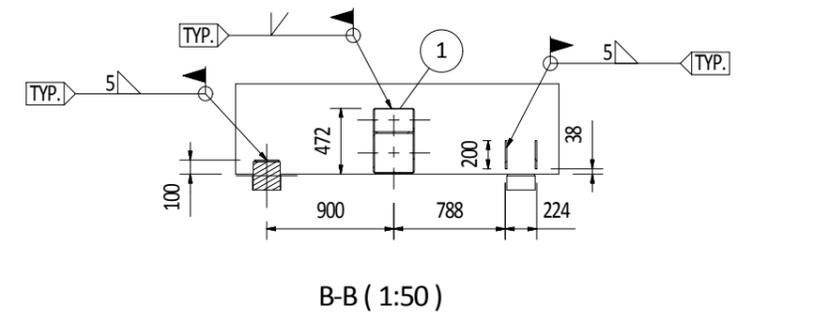
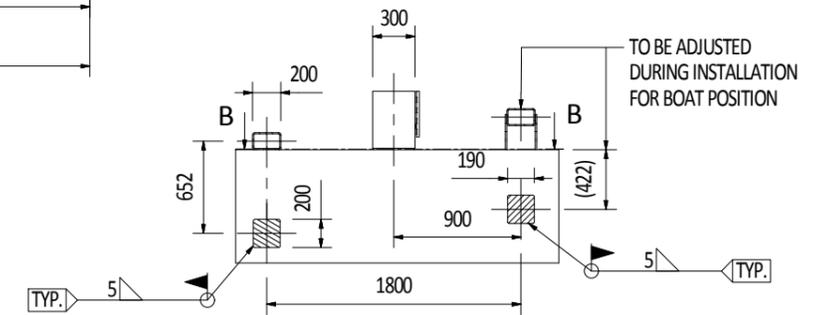
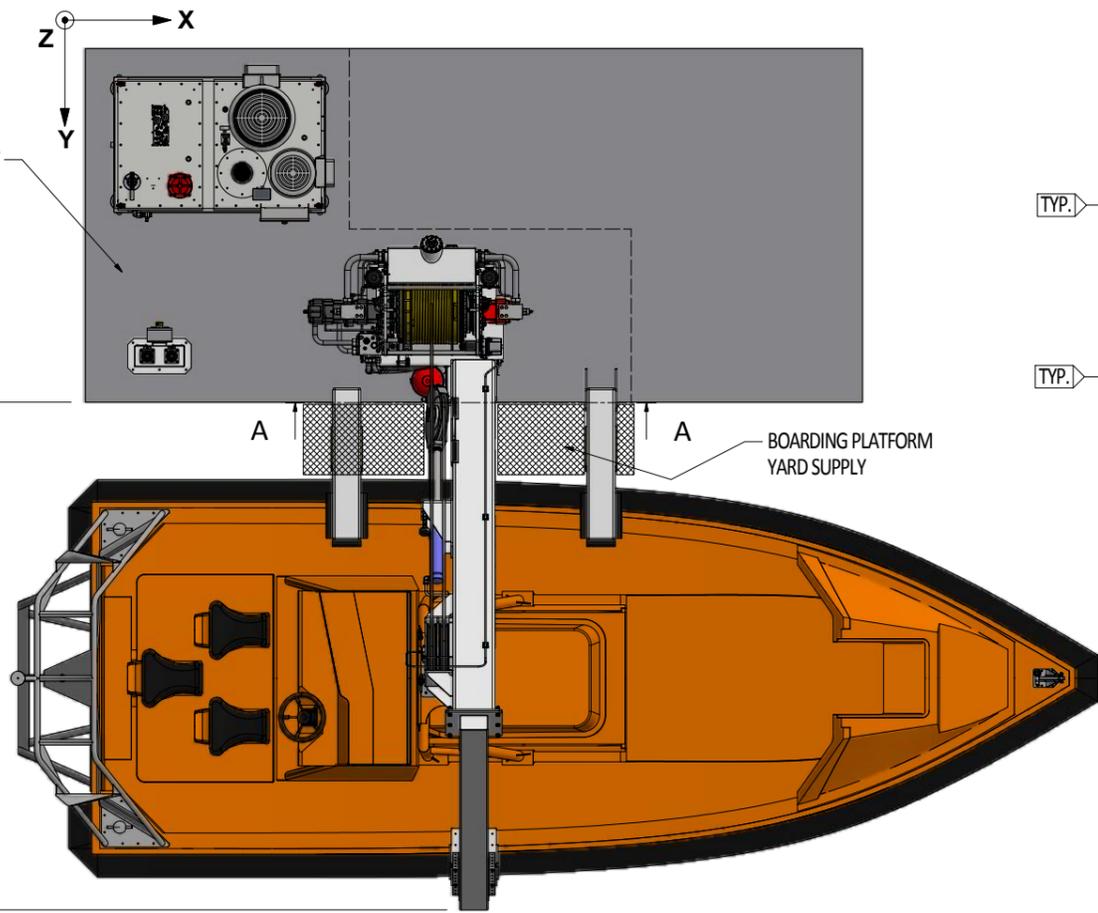
Max. installation height: 65 m (including vessel's damaged condition)

#### 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.



DAVIT AND RESCUE BOAT MINIMUM INSTALLATION AREA 17,1 m<sup>2</sup>



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	1	Max/Min	+20/-20	+60/+55	0/-20	+0/-38	+33/0	+128/0	
NORSOK R-002	1	Max/Min	0/0	+174/+49	0/-6	0/-7	+8/0	+283/+71	

0	ISSUED FOR INFORMATION	DKL	PGO	PGO	14.03.2016
REV	DESCRIPTION	BY	CHECK	APPRO	DATE
REVISION HISTORY					
		VIKING Norsafe Life-Saving Equipment Norway AS P. O. Box 115 4852 Faerвик NORWAY Tel: +47 37 05 85 00 Fax: +47 37 05 85 01 24/7 Service: +47 37 05 63 33 Email: viking@viking-life.com			
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DWG SIZE: A3	SCALE: 1:50	COPY OF:	PART NO.:	WEIGHT: N/A	SHEET: 1 / 1
CLIENT NO.:	TOLERANCES: ISO 2768-mk, ISO 13920-BF	DWG No.:	PROJECTION METHOD:		
G-501332	REVISION: 0	PROJECT: NDC-40 NO RESCUE BOAT DAVIT WITH 750 MAGNUM GENERAL ARRANGEMENT			