



## 1 System introduction.

The life saving system is designed to fulfil all the required functions, necessary for hoisting and lowering of a life raft.

The system corresponds to the enclosed plans. The SCM davit system is capable of launching a life raft and a rescue boat including it's full complement of persons, from the embarkation position to the water level. This lowering procedure works through gravity.

### 1.1 Launching appliance data.

Davit system:	SCM 21-4.0 LR system.
Supplier:	Ned-Deck Marine BV.
Supplier reference no.:	178205-1
System type:	Rescue boat and life raft handling system.
S.W.L.:	21 kN.
Winch type:	04-03 "E".
Oil capacity winch:	Approx. 15 Litres.
Craft to be launched:	Life raft / Rescue boat.
Type:	Raft / Ribo
Make:	Zodiac
Permissible capacity:	20 / 6 Persons
Weight, fully equipped and boarded:	2100 / 1200 kN.
Wire rope type:	Galvanized, non rotating.
Required min. breaking strength:	$1960 \text{ N/mm}^2$ .
Diameter:	Ø14 mm.
Length:	25 m.
Enclosure class:	IP56.

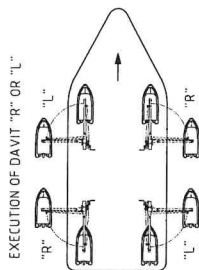


WORKING RADIUS = 4000

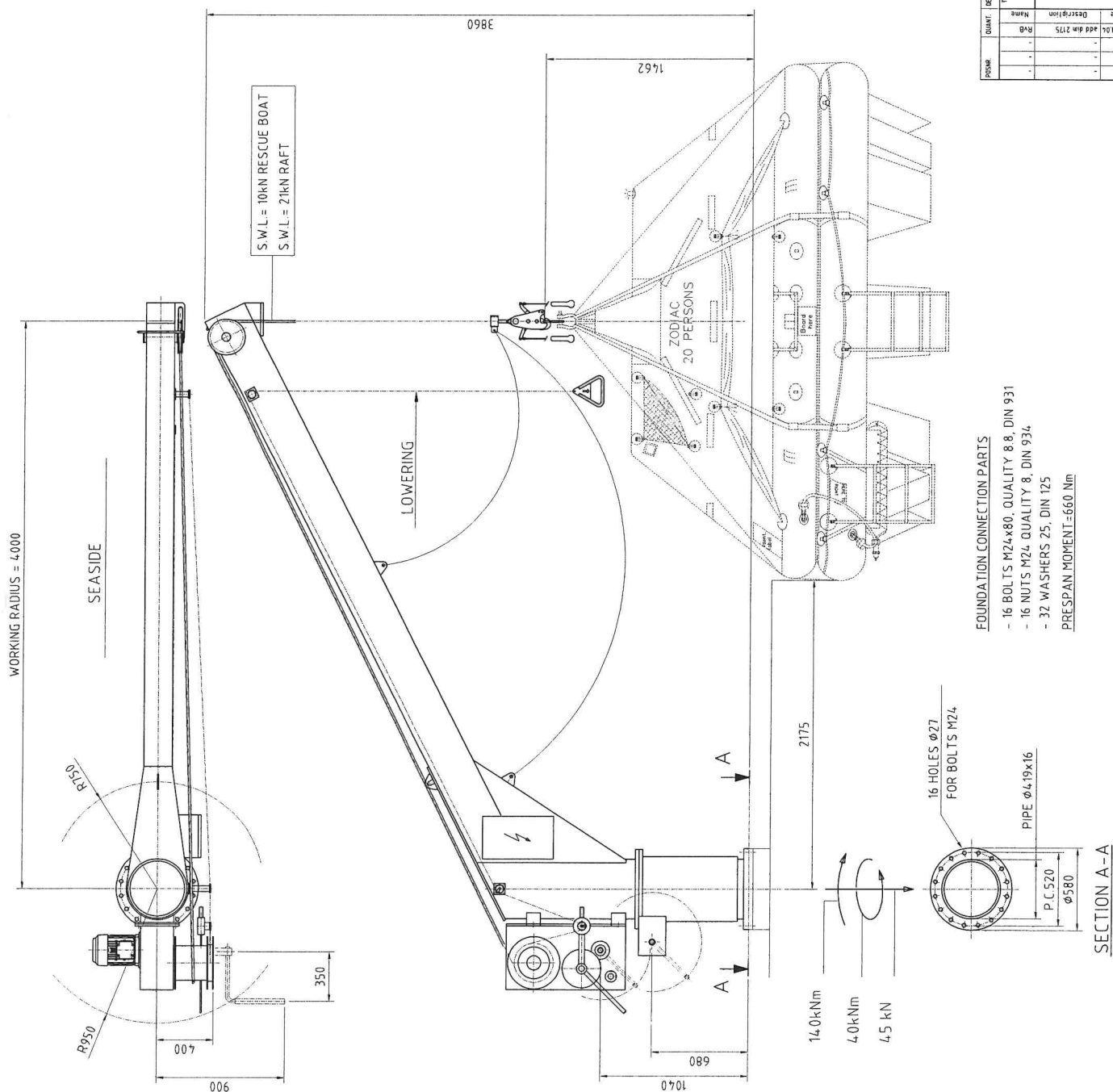
SEASIDE

LIFTING HOOK AND CRANE PEDESTAL  
HAVE TO BE ORDERED SEPERATELY

LEFT-HANDED EXECUTION HAS BEEN DRAWN  
RIGHT HANDED EXECUTION IS IN OPPOSITE HAND




Approx. davit weight.  
(without oil)  
1670 Kg.



## FOUNDATION CONNECTION PARTS

- 16 BOLTS M24x80, QUALITY 8.8, DIN 931  
 - 16 NUTS M24 QUALITY 8, DIN 934  
 - 32 WASHERS 25, DIN 125  
 PRESPAN MOMENT=660 Nm

SECTION A-A

QUANTITY	DESCRIPTION	MATERIAL	REMARKS	WEIGHT
	TITLE			
	ARR. & DECKFOUNDATIONS "SCM 21/12-4.0 L/R"			
	<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: center;"> <p><b>NED-DECK MARINE</b></p> <p>Survival Systems &amp; Deck Equipment</p> </div> </div>			
	<div style="display: flex; justify-content: space-between;"> <div> <p>DRAWING: R4/B</p> <p>DATE: 10-11-04</p> <p>APPROVED: _____</p> <p>SCALE: 1:20</p> </div> <div> <p>TELEGRAMS</p> <p>NEN-ISO 2768-1</p> <p>PRODUCTION</p> </div> </div>			
	<div style="display: flex; justify-content: space-between;"> <div> <p>Revised 22</p> <p>13116, 13116, 13116, 13116</p> <p>13116, 13116, 13116, 13116</p> <p>13116, 13116, 13116, 13116</p> </div> <div> <p>REVISION</p> <p>A2</p> <p>A</p> </div> </div>			
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