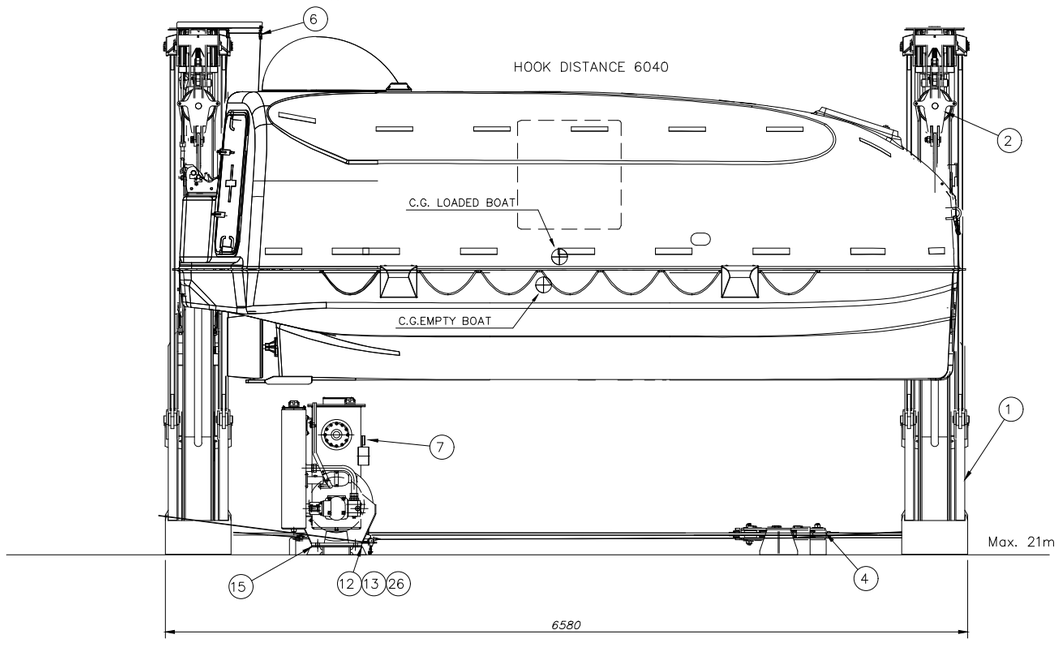
MAIN DATA:	
THE SHIP TO BE REGISTERED IN:	xx
CERTIFICATE:	EC
IMO REG. NUMBER:	xx
YARD/OWNER:	xx / xx
DAVIT MAIN DATA:	
PROTOTYPE APPROVED LOAD:	W=12600Kg
APPROX. TOTAL WEIGHT OF ONE SET OF DAVITS w/ WINCH (EXCLUSIVE LIFEBOAT)	5300kg*

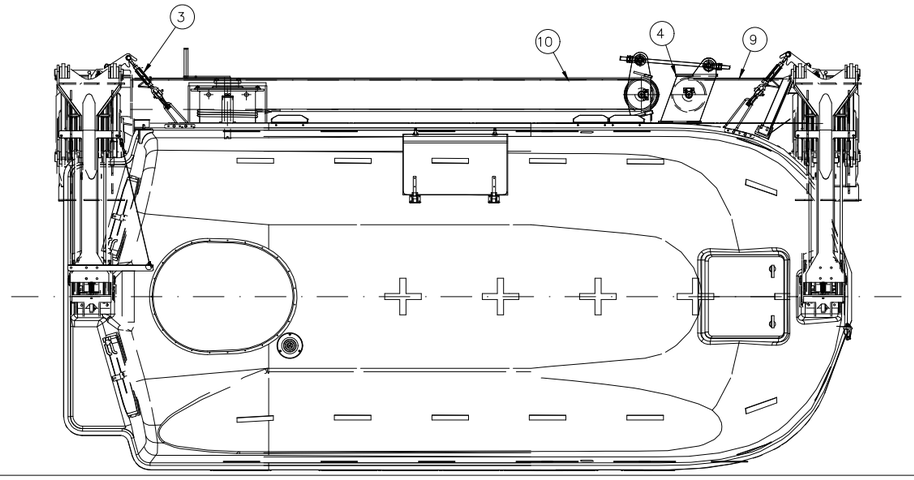
* Excl. winchfoundation and boardingplatform

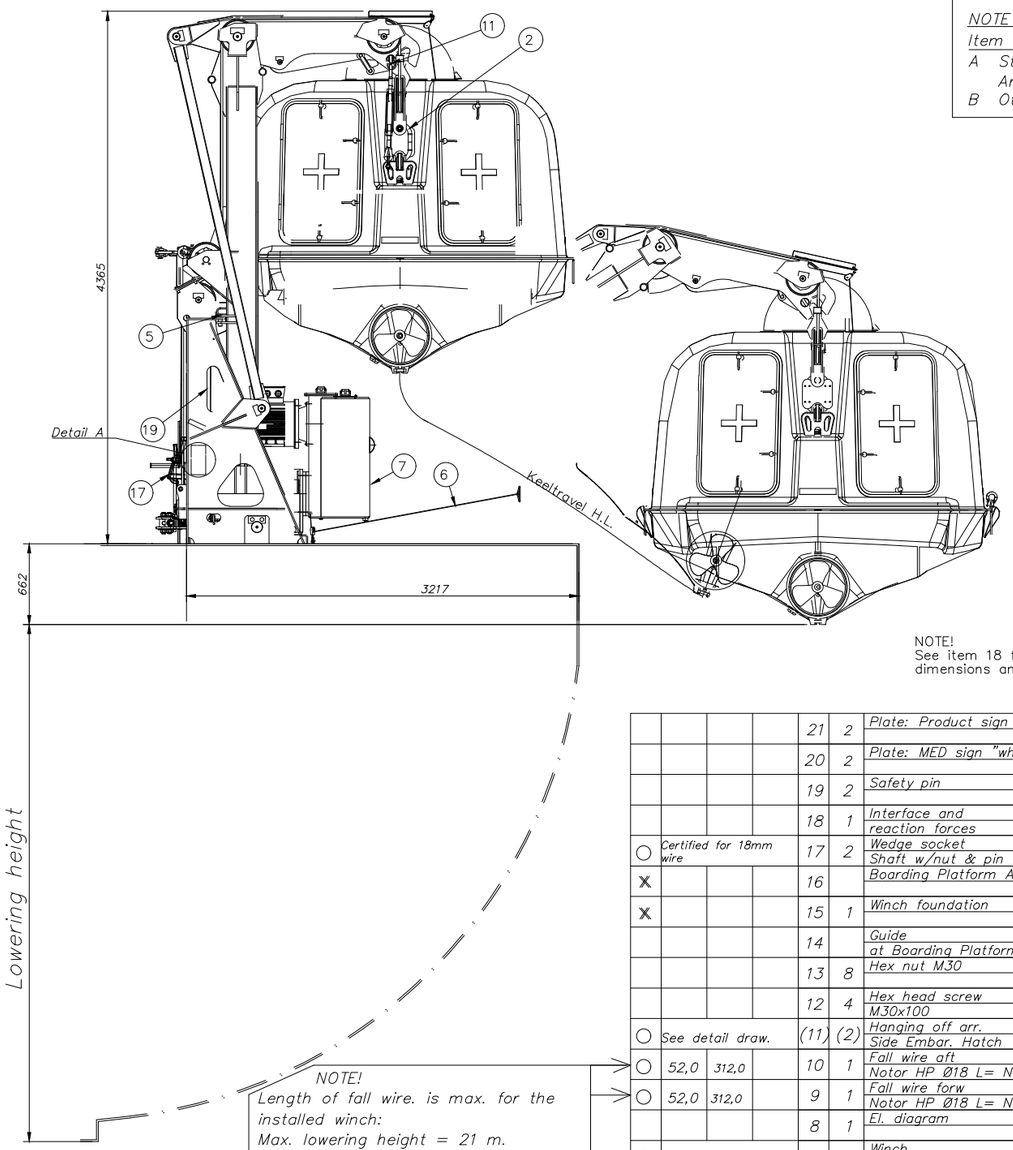
LIFEBOAT SPECIFICATION:	
MAKER:	PALFINGER MARINE SAFETY AS, Seimsfoss, NORWAY
TYPE:	KISS700
WEIGTH OF BOAT WITH EQUIPMENT: (WE)	3227 Kg
WEIGHT OF PERSONS: (50x82,5)	4125 Kg
TOTAL LOWERING WEIGHT: (WF)	7352 Kg
MAX HOISTING WEIGHT: (WU)	3805 Kg

MAIN DIMENSIONS (loa x boa x h) 6490 x2910 x 2850 mm

WINCH MAIN DATA:			
TYPE:	W 80 L		
PROTOTYPE APPROVED MOMENT:	M= 20400 Nm.		
HOISTING SPEED:	5,1/6,2 m/min.		
FREQUENCY:	50/60 Hz.		
ELECTRIC MOTOR DATA:			
TYPE:	7BA 160 M-6		
VOLTAGE:	380/440V	CURRENT: (IN)	21,9/21,4A
FREQUENCY:	50/60 Hz	CURRENT: (IS)	85/82 A
SPEED:	950/1145 RPM	STARTING METHOD:	D.O.L.
EFFECT:	8,7/10 KW	IP:	56





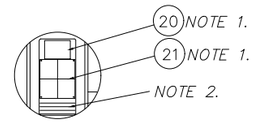


NOTE!
See item 18 for
dimensions and reactionforces.

NOTE 1:
Mounting instruction:
Holes to be drilled ø3,2 mm 10mm deep. in st.steel plate and to be fastened with 4pcs ø3,2mm x 9,5mm st.less st. pop nails.

NOTE 2:
Place for stamps and serial number.

NOTE 3:
Item 20 ("wheelmark" plate)
A Standard use only for MED Certification. Art no.: 0770.02872*
B Otherwice, according to CDS/order.



Detail A
1:10

NOTE!
Length of fall wire. is max. for the installed winch:
Max. lowering height = 21 m.

Min wire length:
*Aft: 30m + (lowering height * 2)*
*Forward: 27m +(lowering height * 2)*

○ = Equipment delivered with certificate.
X = Yard supply. Not included in standard delivery from PALFINGER MARINE SAFETY AS

* Each davitstand

				21	2	Plate: Product sign Davit		NX3145		
				20	2	Plate: MED sign "wheelmark"		*	See note 3	
				19	2	Safety pin		N94064		
				18	1	Interface and reaction forces		N65523		
○	Certified for 18mm wire			17	2	Wedge socket Shaft w/nut & pin		0740.02539		
X				16		Boarding Platform Aft.		Option	Not shown	
X				15	1	Winch foundation		See item 18		
				14		Guide at Boarding Platform Aft.		Option	Not shown	
				13	8	Hex nut M30	Galv 8	0230.06359	DIN934	
				12	4	Hex head screw M30x100	Galv 8.8	0202.42329	DIN931	
○	See detail draw.			(11)	(2)	Hanging off arr. Side Embar. Hatch		N74411	One set pr. project	
○	52,0	312,0		10	1	Fall wire aft Notor HP Ø18 L= NOTE!	Galv.	0170.20529		
○	52,0	312,0		9	1	Fall wire forw Notor HP Ø18 L= NOTE!	Galv.	0170.20529		
				8	1	El. diagram		N73328		
○	See winch doc.			7	1	Winch W 80 L		N65507		
				6	1	Remote control arr.		N73770		
				5	2	Limit switch arr.		N84931		
				4	1	Adjustable sheavehouse (Complete)		N65537		
				3	1	Lashing arrangement		N66947		
○	60,4	362,0	150,9	2	2	Floating block, (Complete)		N73769		
○	* 60,4	* 271,5	* 132,8	1	2	Davit assembly		N65536		
	SWL. min.KN.	BL. min.KN.	TL. min.KN.	Item no.	Quantity	Description	Material	Art. no.	Remarks	kg.pr. unit

26	8	Washer M30	Galv.	0240.01829	DIN 125					
24	2	Hex Lock Nut M12 (For fastening of Guide)	8.8, FZB	0230.05959	DIN985					X
23	2	Washer M12 (For fastening of Guide)	FZV	0240.02149	DIN125					X
22	2	Hex head screw M12x45 (For fastening of Guide)	FZV 8.8	0202.12609	DIN933					X
Item no.	Quantity	Description	Material	Art. no.	Remarks	kg.pr. unit	SWL. min.KN.	BL. min.KN.	TL. min.KN.	

Rev.	Mark	Appr. by	Check. by	Date, sign.
A	Winch Main Data added	TA 1.12	RC 1.12	RC 29.03.13
B	BoatSpec.updt PontoonBracket	PC 29.03.13	PC 02.09.13	PC 02.09.13
C	Item 20,21 added Item 3 changed	PC 02.09.13	IJH 14.01.14	IJH 14.01.14
D	New corporate look added	IJH 14.01.14	RVS 29.01.14	RVS 29.01.14
E	It. 20 & 21 Am. It. 22–24 Add.	RVS 29.01.14	JK 03.03.14	JK 03.03.14
F	It. 26, frequency add It. 9, 10, 12 deleted	JK 03.03.14	IJH 15.06.15	IJH 15.06.15

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Date	Name	Projection
02.07.12	RC	
Checked IJH	Approved TA	Scale 1:25 A1

PALFINGER

Replacement for : | Replaced by :

VIP1000/KISS700/W80L General Arrangement SB

Reference N65533H/NB6548 A | Calculation

N66887 F