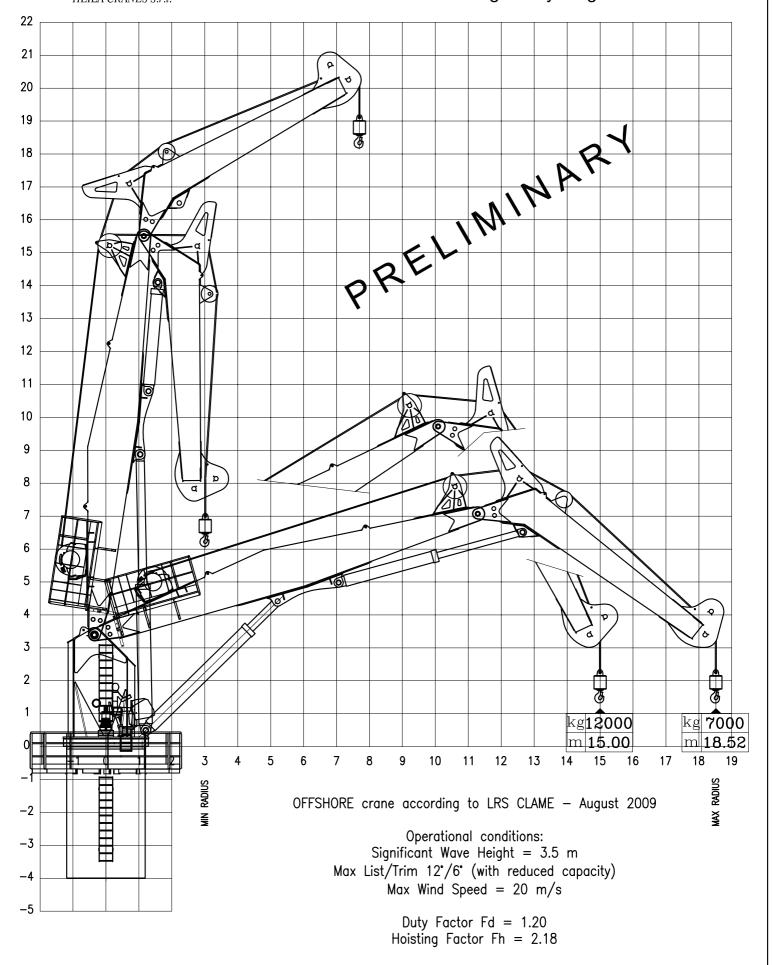
HEILA HEILA CRANES S.r.l.

HR 650/18.5-2BJ

Load Diagram by Single Fall Winch



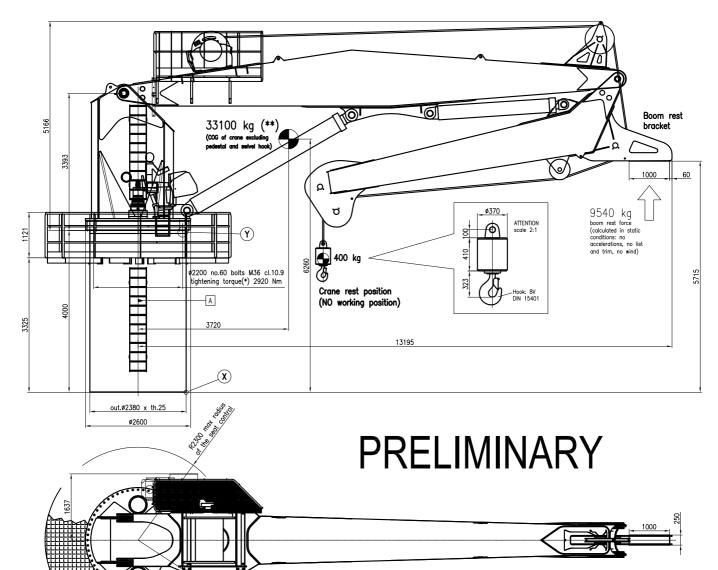
Rev.01 dated 18/07/12

Personnel Lift SWL = 3000 kg (limited to SWH 2 m)



HR 650/18.5-2BJ

Datasheet



Det.X 11x40° 11x40°

Welding of the pedestal to the ship's

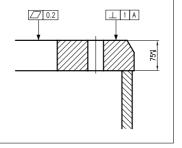
- counter-foundation is Yard's responsibility

 Pedestal material: S355J2 EN 10025-2
- Filler metal ER 70 S6 (AWS A5.18/95)
- Welding type: full penetration
 Preheat temperature: 60°C

- Interpass max temperature: 200°C
- NDT: 100% MP + 100% UT (quality level C according to EN ISO 5817:2007)

Det.Y

After the pedestal has been welded to the vessel substructure and returned to normal temperature the Yard is responsible for checking the flatness of the flange and re-machine it to required tolerances if necessary



TECHNICAL DATA

12011110112 011111		
Max dynamic overturning moment (M) (**)	672000	kg*m
Max dynamic vertical force (N) (**)	72000	kg
Max dynamic radial force (R) (**)	18000	kg
Slewing angle	Continuos	
Slewing speed	0.6	rpm
Max working pressure	290	bar
Oil flow	350	I/min
Recommended oil quantity	1000	
Hydraulic Power Unit	90+90	kW
Mass weight (excluding pedestal and swivel hook) (**)	33100	kg
Winch Pull (nominal winch size)	12000	kg
Hook speed (average)	38	m/mir
Hook travel	53	m
Total lenght of rope	80	m
Rope diameter	32	mm

(*) the tightening torque has been colculated according to VDI 2230–1:2003 under the following conditions: — unlubricated screws — v (utilization factor) = 0.81 — μ C (coeff of friction in the thread) = 0.15 — μ C (coeff of friction in the head bearing area) = 0.15 — μ C (coeff of friction in the head bearing area) = 0.15 — μ C (coeff of friction in the head bearing area) = 0.15 The tiphtening foctor) = 1.86 threads, and use the bolts in the as-supplied condition (dry). The tightening foctor μ C (and the scatter of the tightening tool (ref to Table A8 of the VDI 2230–1:2003); the above value of μ C is referred to the tools commonly used in Helia. Other tools may lead to different torques. The choice of the right value of μ C is under the installer's responsibility, and the corresponding torque should be recalculated accordingly.

(**) actions at base, weight and COG may vary up to 10% more than the given values



HR 650/18.5-2BJ

Splitted COGs for main parts & articulation points (at max radius condition)

