



LOT DETAILS FOR 13535

Type: PMOC-960

Design-Criteria

30 ts at 29 m radius (seabedlifts)

Seastate: 5 - 6

Beaufort: 6

Significant waveheight $H/3 = 3,9\text{m}$

Duty factor : 1,2

Hoisting factor: 2,0-

Offlead/Sidelead: $8^\circ/4^\circ$

Ambient temp: -15°C to $+35^\circ\text{C}$

60 ts at 16m radius (platformlifts)

Seastate: 5 - 6

Beaufort: 6

Significant waveheight $H/3 = 3,9\text{ m}$

Duty factor: 1,05

Hoisting factor: 1,3

Offlead/ Sidelead: equals 2°

Ambient temp: -15°C to $+35^\circ\text{C}$

Main Hoist

Hoisting capacity: 60 ts at 6,2 - 16m radius at beaufort 6 (platform lifts only)

Hoisting capacity: 30 ts at 6,6 - 29 m radius at beaufort 6

Hoisting speed: 60 ts : 0 - 17,5 m/min

.....30 ts : 0 - 35 m/min

.....no load : 0 - 90 m/min

Hook travel : 350 m at single line

Aux. hoist

Hoisting capacity : 10 ts at 8,6 - 37 m radius at beaufort 6

Hoisting speed : 10 ts : 0 - 60 m/min

.....5 ts : 0 - 120 m/min

Hooktravel : 350 m (at single line)

- Luffing speed : 6,6 - 29 m radius approx. 120 sec

Slewing

slewing range : 360°

slewing speed: 0 - 1 rpm at full load, 29 m radius and 4° heel

Power supply

Electric source: 440v ac, 60Hz

Max. simultaneous consumption: appr. 400 KW

Installed power: 2 Electro-Motors 160 kW each (main system)

.....2 Electro-Motors 11 kW each

.....1 Electro-Motors 20 kW (booster system)

Weight

Construction weight excluding pedestral : 89 ts

Weight of pedestral (length approx. 5m): 16 ts



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Part numbers for servo valves (as informed by Jaco de Smit, Huisman rep).

Main hoist 4 motors

4 main servo type 4WS2EM10-4X/45B2JET315CDM SO22
1 backup servo type 4WS2EM10-4X/75B2JET315CCM SO22

Topping 1 motor

1 main servo type 4WS2EM10-4X/45B2JET315CDM SO22
1 backup servo type 4WS2EM10-4X/75B2JET315CCM SO22

Aux Hoist 1 motor

1 main servo type 4WS2EM10-4X/45B2JET315CDM SO22
1 backup servo type 4WS2EM10-4X/75B2JET315CCM SO22

Slewing 2 motors

1 main servo type 4WS2EM10-4X/45B2JET315CDM SO22
1 backup servo type 4WS2EM10-4X/75B2JET315CCM SO3