

## Velocities and Hydraulic Data - Crane: "Preliminary - Subject to Engineering Modification"

### Drive Unit:

Type	[-]	EH
Motor manufacturer	[-]	ABB
Power	[kW]	1 x 220 (S6 - Rating)
Voltage (EH-Type only)	[V]	690
Frequency (EH-Type only)	[Hz]	60
Engine Speed	[rpm]	1784
Base Power	[kW]	26

### Main Hoist:

Reeving	[-]	1 x 3
SWL	[t]	60
Hook Velocity, empty hook	[m/min]	20.0
Hook Velocity, SWL	[m/min]	6.0
max. Power Main Hoist	[kW]	90
max. differential Pressure in Hydraulic System	[bar]	321
Mechanism Group	[-]	M4 / L2 / T4

### Auxiliary Hoist:

Reeving	[-]	-
SWL	[t]	-
Hook Velocity, empty hook	[m/min]	-
Hook Velocity, SWL	[m/min]	-
max. Power Auxiliary Hoist	[kW]	-
max. differential Pressure in Hydraulic System	[bar]	-
Mechanism Group	[-]	-

### Luffing System:

number of cylinders	[-]	2
Luffing time, working range, empty hook	[s]	120
Luffing time, working range, full load	[s]	120
max. Power Luffing System	[kW]	70
min. Boom Angle	[°]	0.0
max. Boom Angle	[°]	79.8
max. differential Pressure in Hydraulic System	[bar]	163
Mechanism Group	[-]	M3 / L2 / T3

### Slewing System:

Number of Slewing Gears		3
max. Power Slewing System	[kW]	95
Speed with maximum load	[rpm]	0.50
max. differential Pressure in Hydraulic System	[bar]	275
Mechanism Group	[-]	M3 / L2 / T3

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