

CRANE DATA

KU10t x 12m Hol:12m

1 General

Crane load (SWL)	10 000 kg	
Span	12 m	
Hoisting height	12 m (Max12 m)	
Crane group	FEM A5	
Hoist group	FEM M5 (2m)	
Bridge traversing group	FEM M5 (2m)	
Trolley traversing group	FEM M5 (2m)	
Hoisting speed	5/0.8 m/min	2-speed
Trolley traversing speed	0-20 m/min	Stepless
Bridge traveling speed	0-20 m/min	Stepless
Weight of crane (with hoists)	4030 kg	
Weight of one hoist and trolley	750 kg	
Weight of one main girder	2360 kg	
Weight of Service platform	N/A	
Main girder type (Box)	410/610/6/30/6/8-Q235	
Surface preparation type	Shot Blasting Sa2.5	
Painting type/depth	E/120 µm	
Runway rail type		
Max./Min. static wheel load	57.42/9.88 kN	
Buffer diameter/center Height	63 mm/119 mm	

2 Crane control

Control method	Pendant
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3 Electrical

Main/Control voltage	380 V/50 Hz/48 AC V
Nominal power of crane	12.7 kW
Max./Nominal current of crane*)	105.4 A/31.4 A

4 Hoisting motor

Motor type/code/Number	SD05/AD195X222N/1set
Duty group	FEM M5 (2m)
Nominal power	9/1.4 kW
Duty factor	60 % ED

5 Trolley traversing motor

Motor type/Number	AF115X411N/1set
Duty group	FEM M5 (2m)
Nominal power	1.1 kW
Duty factor	40 % ED

6 Bridge traveling motor

Motor type/Number	AF115L411N/4set
Duty group	FEM M5 (2m)
Nominal power	0.65 kW
Duty factor	40 % ED