

CRANE DATA

KU5t x 3m Hol:12m

1 General

Crane load (SWL)	5 000 kg	
Span	3 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)	1230 kg	
Weight of one hoist and trolley	390 kg	
Weight of one main girder	310 kg	
Weight of Service platform	N/A	
Main girder type (Box)	300/410/6/18/6/6-Q235	
Surface preparation type	Shot Blasting Sa2.5	
Painting type/depth	E/120 µm	
Runway rail type		
Max./Min. static wheel load	13.07/1.71 kN	
Buffer diameter/center Height	63 mm/125 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	6.25 kW
Max./Nominal current of crane*)	51.4 A/14.5 A

4 Hoisting motor

Motor type/code/Number	SD03/AD168X223N/1set
Duty group	FEM M5 (2m)
Nominal power	5/0.7 kW
Duty factor	60 % ED

5 Trolley traversing motor

Motor type/Number	AF115L411N/1set
Duty group	FEM M5 (2m)
Nominal power	0.65 kW
Duty factor	40 % ED

6 Bridge traveling motor

Motor type/Number	AF115M411N/2set
Duty group	FEM M5 (2m)
Nominal power	0.3 kW
Duty factor	40 % ED