

## CRANE DATA

**KU5t x 12m Hol:12m**

### 1 General

Crane load (SWL) .....	5 000 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) .....	2530 kg	
Weight of one hoist and trolley .....	390 kg	
Weight of one main girder .....	1 490 kg	
Weight of Service platform .....	N/A	
Main girder type (Box ) .....	300/490/6/22/6/8-Q235	
Surface preparation type .....	Shot Blasting Sa2.5	
Painting type/depth .....	E/120 µm	
Runway rail type .....		
Max./Min. static wheel load .....	31.20/5.72 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 .....	<b>60 % ED</b>

### 5 Trolley traversing motor

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

### 6 Bridge traveling motor

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