

## CRANE DATA

**KU5t x 4.2m Hol:12m**

### 1 General

Crane load (SWL) .....	5 000 kg	
Span .....	4.2 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) .....	1380 kg	
Weight of one hoist and trolley .....	390 kg	
Weight of one main girder .....	450 kg	
Weight of Service platform .....	N/A	
Main girder type (Box ) .....	300/410/6/20/6/6-Q235	
Surface preparation type .....	Shot Blasting Sa2.5	
Painting type/depth .....	E/120 µm	
Runway rail type .....		
Max./Min. static wheel load .....	18.30/2.4 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>