

CRANE DATA

1 General

Crane load (SWL)	5 000 kg	
Span	15 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)	3100 kg	
Weight of one hoist and trolley	390 kg	
Weight of one main girder	2050 kg	
Weight of Service platform	N/A	
Main girder type (Box)	300/610/6/22/6/8-Q235	
Surface preparation type	Shot Blasting Sa2.5	
Painting type/depth	E/120 µm	
Runway rail type		
Max./Min. static wheel load	35.50/7.6 kN	
Buffer diameter/center Height	63 mm/125 mm	

2 Crane control

Control method.....Pendant

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**