

## CRANE DATA

### 1 General

|                                       |                       |          |
|---------------------------------------|-----------------------|----------|
| Crane load (SWL) .....                | 6 300 kg              |          |
| Span .....                            | 6 m                   |          |
| Hoisting height .....                 | 12 m (Max12 m)        |          |
| Crane group .....                     | FEM A5                |          |
| Hoist group .....                     | FEM M6 (3m)           |          |
| Bridge traversing group .....         | FEM M5 (2m)           |          |
| Trolley traversing group .....        | FEM M5 (2m)           |          |
| Hoisting speed .....                  | 4/0.7 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) .....   | 2580 kg               |          |
| Weight of one hoist and trolley ..... | 750 kg                |          |
| Weight of one main girder .....       | 980 kg                |          |
| Weight of Service platform .....      | N/A                   |          |
| Main girder type (Box ) .....         | 410/490/6/25/6/6-Q235 |          |
| Surface preparation type .....        | Shot Blasting Sa2.5   |          |
| Painting type/depth .....             | E/120 µm              |          |
| Runway rail type .....                |                       |          |
| Max./Min. static wheel load .....     | 36.53/2.5 kN          |          |
| Buffer diameter/center Height .....   | 63 mm/119 mm          |          |

### 2 Crane control

Control method.....Pendant

### 3 Electrical

Main/Control voltage.....380 V/50 Hz/48 AC V  
 Nominal power of crane.....9.9 kW  
 Max./Nominal current of crane\*).....101.2 A/23.2 A

### 4 Hoisting motor

Motor type/code/Number.....SD05/AD195X222N/1set  
 Duty group.....FEM M6 (3m)  
 Nominal power.....7.5/1.2 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/2set  
 Duty group.....FEM M5 (2m)  
 Nominal power.....0.65 kW  
 Duty factor.....**40 % ED**