

## CRANE DATA

### 1 General

|                                       |                       |          |
|---------------------------------------|-----------------------|----------|
| Crane load (SWL) .....                | 6 300 kg              |          |
| Span .....                            | 9 m                   |          |
| Hoisting height .....                 | 9.5 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) .....   | 3080 kg               |          |
| Weight of one hoist and trolley ..... | 750 kg                |          |
| Weight of one main girder .....       | 1460 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 .....     | 44.71/3.91 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 .....            | <b>60 % ED</b>       |

### 5 Trolley traversing motor

|                         |                 |
|-------------------------|-----------------|
| Motor type/Number ..... | AF115X411N/1set |
| Duty group .....        | FEM M5 (2m)     |
| Nominal power .....     | 1.1 kW          |
| Duty factor .....       | <b>40 % ED</b>  |

### 6 Bridge traveling motor

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