

CRANE DATA

1 General

| | | |
|---------------------------------------|-----------------------|----------|
| Crane load (SWL) | 6 300 kg | |
| Span | 4.2 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) | 2250 kg | |
| Weight of one hoist and trolley | 750 kg | |
| Weight of one main girder | 670 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 | 24.31/0.49 kN | |
| Buffer diameter/center Height | 63 mm/119 mm | |

2 Crane control

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|----------------------|---------|
| 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 |