

CRANE DATA

1 General

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|---|--------------------------|
| Crane type | KS5t x3m Hol:6m |
| Span | 3m |
| Crane load (SWL) | 5000kg |
| Number of hoists | 1 ps |
| Hoisting height | 6m (max6m) |
| Hoist type..... | K3104L0050M506DD03N |
| Trolley rail gauge..... | N/A |
| Crane use | Indoor |
| | |
| Crane group..... | FEM A5 |
| Hoist group | M5(FEM 2m) |
| Hoist traversing group | M5(FEM 2m) |
| Bridge traveling group | M5(FEM 2m) |
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| Hoisting speed | 5/0.8 2-speed |
| Trolley traversing speed | 0-20 m/min Stepless |
| Bridge traveling speed | 0-32 m/min Stepless |
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| Dynamic coefficient for load | 1.19 |
| Dynamic coefficient dead load | 1.1 |
| Sideways pull factor | N/A |
| Crane acceleration | 0.13m/s ² |
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| Weight of crane (with hoists)..... | 1139 kg |
| Weight of crane bridge (without hoists) | 790 kg |
| Weight of one hoist and trolley | 349 kg |
| Weight of one end carriage..... | 108 kg |
| Weight of one crane traveling machinery | 14 kg |
| Weight of bridge panel | 50kg |
| Weight of one main girder | 324 kg |
| Weight of crane service platform | N/A |
| | |
| Main girder type (Box) | 300/410/6/20/6/6-Q235 |
| Service platform type | N/A |
| Surface preparation type..... | Sa2.5 |
| Painting type | Epoxy |

2 Electrical

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| Main voltage | 380V/50Hz |
| Control voltage | 48AC |
| Nominal power of crane | 6.25kW |
| Maximum current of crane*) | N/A |
| Nominal current of crane*) | 14.5Ass |
| Power factor at starting current..... | 0.84 |
| Power factor at nominal current..... | 0.93 |
| Voltage drop of trolley power supply | <= 2% |
| Voltage drop of crane power supply | N/A |