

CRANE DATA

1 General

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| Crane type | KS16t x7.5m Hol:12m |
| Span | 7.5m |
| Crane load (SWL) | 16000kg |
| Number of hoists | 1 ps |
| Hoisting height | 12m (max12m) |
| Hoist type | K5104N0160M512CD06N |
| 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) |
| Hoisting speed | 4/0.7 2-speed |
| Trolley traversing speed | 0-20 m/min Stepless |
| Bridge traveling speed | 0-32 m/min Stepless |
| Dynamic coefficient for load | 1.18 |
| Dynamic coefficient dead load | 1.1 |
| Sideways pull factor | N/A |
| Crane acceleration | 0.12m/s ² |
| Weight of crane (with hoists) | 4365 kg |
| Weight of crane bridge (without hoists) | 2755 kg |
| Weight of one hoist and trolley | 1610 kg |
| Weight of one end carriage | 470 kg |
| Weight of one crane traveling machinery | 20 kg |
| Weight of bridge panel | 50kg |
| Weight of one main girder | 1497 kg |
| Weight of crane service platform | N/A |
| Main girder type (Box) | 410/740/6/25/6/8-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 | 19.8kW |
| Maximum current of crane*) | N/A |
| Nominal current of crane*) | 46.9Ass |
| Power factor at starting current | 0.67 |
| Power factor at nominal current | 0.91 |
| Voltage drop of trolley power supply | <= 2% |
| Voltage drop of crane power supply | N/A |