

CRANE DATA

1 General

Crane type	KD16t x12m Hol:12m	
Span	12m	
Crane load (SWL)	16000kg	
Number of hoists	1 ps	
Hoisting height	12m (max12m)	
Hoist type	K5104D0160M512CD06N	
Trolley rail gauge	2000mm	
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)	6861 kg	
Weight of crane bridge (without hoists)	5316 kg	
Weight of one hoist and trolley	1545 kg	
Weight of one end carriage	351 kg	
Weight of one crane traveling machinery	20 kg	
Weight of bridge panel	50kg	
Weight of one main girder	1677 kg	
Weight of crane service platform	852 kg	
Main girder type (Box)	410/610/6/8/6/8-Q235	
Service platform type	Bottom joint	
Surface preparation type	Sa2.5	
Painting type	Epoxy	

2 Electrical

Main voltage	380V/50Hz
Control voltage	48AC
Nominal power of crane	18.5kW
Maximum current of crane*)	N/A
Nominal current of crane*)	42.2Ass
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