

CRANE DATA

1 General

Crane type	KD5t x10.5m Hol:9.5m	
Span	10.5m	
Crane load (SWL)	5000kg	
Number of hoists	1 ps	
Hoisting height	9.5m (max12m)	
Hoist type	H4104D0050M612CD05N	
Trolley rail gauge	1700mm	
Crane use	Indoor	
Crane group	FEM A5	
Hoist group	M6(FEM 3m)	
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	0.08m/s ²	
Weight of crane (with hoists)	4294 kg	
Weight of crane bridge (without hoists)	3363 kg	
Weight of one hoist and trolley	931 kg	
Weight of one end carriage	231 kg	
Weight of one crane traveling machinery	14 kg	
Weight of bridge panel	50kg	
Weight of one main girder	899 kg	
Weight of crane service platform	745 kg	
Main girder type (Box)	300/410/6/6/6/6-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	8.1kW
Maximum current of crane*)	N/A
Nominal current of crane*)	18.4Ass
Power factor at starting current	0.77
Power factor at nominal current	0.87
Voltage drop of trolley power supply	<= 2%
Voltage drop of crane power supply	N/A