

CRANE DATA

1 General

Crane type	KS16t x4.5m Hol:12m	
Span	4.5m	
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)	3356 kg	
Weight of crane bridge (without hoists)	1746 kg	
Weight of one hoist and trolley	1610 kg	
Weight of one end carriage.....	285 kg	
Weight of one crane traveling machinery	20 kg	
Weight of bridge panel	50kg	
Weight of one main girder	878 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

Main voltage	380V/50Hz	
Control voltage	48AC	
Nominal power of crane	18.9kW	
Maximum current of crane*)	N/A	
Nominal current of crane*)	45.1Ass	
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	