

CRANE DATA

1 General

Crane type	KS10t x28.5m Hol:12m	
Span	28.5m	
Crane load (SWL)	10000kg	
Number of hoists	1 ps	
Hoisting height	12m (max12m)	
Hoist type.....	H4104L0100M512DD05N	
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	5/0.8	2-speed
Trolley traversing speed	0-20 m/min	Stepless
Bridge traveling speed	0-32 m/min	Stepless
Dynamic coefficient for load	1.19	
Dynamic coefficient dead load	1.1	
Sideways pull factor	N/A	
Crane acceleration	0.12m/s ²	
Weight of crane (with hoists).....	11304 kg	
Weight of crane bridge (without hoists)	10564 kg	
Weight of one hoist and trolley	740 kg	
Weight of one end carriage.....	675 kg	
Weight of one crane traveling machinery	20 kg	
Weight of bridge panel	50kg	
Weight of one main girder	8710 kg	
Weight of crane service platform	N/A	
Main girder type (Box)	490/1230/6/30/6/10-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	12.3kW	
Maximum current of crane*)	N/A	
Nominal current of crane*)	29Ass	
Power factor at starting current.....	0.77	
Power factor at nominal current.....	0.93	
Voltage drop of trolley power supply	<= 2%	
Voltage drop of crane power supply	N/A	