

CRANE DATA

1 General

Crane type	KS3.2t x28.5m Hol:8.5m	
Span	28.5m	
Crane load (SWL)	3200kg	
Number of hoists	1 ps	
Hoisting height	8.5m (max9.5m)	
Hoist type	K2104L0032M509DD02N	
Trolley rail gauge	N/A	
Crane use	Indoor	
Crane group	FEM A3	
Hoist group	M5(FEM 2m)	
Hoist traversing group	M3(FEM 1Am)	
Bridge traveling group	M3(FEM 1Am)	
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	1.05	
Sideways pull factor	N/A	
Crane acceleration	0.12m/s ²	
Weight of crane (with hoists)	7853 kg	
Weight of crane bridge (without hoists)	7580 kg	
Weight of one hoist and trolley	273 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	5726 kg	
Weight of crane service platform	N/A	
Main girder type (Box)	410/980/6/16/6/8-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	5.65kW
Maximum current of crane*)	N/A
Nominal current of crane*)	14.6Ass
Power factor at starting current	0.83
Power factor at nominal current	0.92
Voltage drop of trolley power supply	<= 2%
Voltage drop of crane power supply	N/A