



CRANE DATA

1 General

Crane type	KS2t x22.5m Hol:9.5m
Span	22.5m
Crane load (SWL)	2000kg
Number of hoists	1 ps
Hoisting height	9.5m (max9.5m)
Hoist type.....	K2104L0020M609DD01N
Trolley rail gauge.....	N/A
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	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	0.07m/s ²
Weight of crane (with hoists).....	5347 kg
Weight of crane bridge (without hoists)	5085 kg
Weight of one hoist and trolley	262 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	4219 kg
Weight of crane service platform	N/A
Main girder type (Box)	410/980/6/12/6/8-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	2.75kW
Maximum current of crane*)	N/A
Nominal current of crane*)	8.7Ass
Power factor at starting current.....	0.8
Power factor at nominal current.....	0.78
Voltage drop of trolley power supply	<= 2%
Voltage drop of crane power supply	N/A