

CRANE DATA

1 General

Crane type	KS3.2t x12m Hol:9.5m
Span	12m
Crane load (SWL)	3200kg
Number of hoists	1 ps
Hoisting height	9.5m (max9.5m)
Hoist type.....	K2104L0032M509DD02N
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	0.13m/s ²
Weight of crane (with hoists).....	2065 kg
Weight of crane bridge (without hoists)	1792 kg
Weight of one hoist and trolley	273 kg
Weight of one end carriage.....	108 kg
Weight of one crane traveling machinery	14 kg
Weight of bridge panel	50kg
Weight of one main girder	1266 kg
Weight of crane service platform	N/A
Main girder type (Box)	300/490/6/16/6/6-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	4.95kW
Maximum current of crane*)	N/A
Nominal current of crane*)	12.8Ass
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