

CRANE DATA

1 General

Crane type	KS20t x12m Hol:12m
Span	12m
Crane load (SWL)	20000kg
Number of hoists	1 ps
Hoisting height	12m (max12m)
Hoist type	K5104N0200M412CD06N
Trolley rail gauge	N/A
Crane use	Indoor
Crane group	FEM A5
Hoist group	M4(FEM 1Am)
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)	5938 kg
Weight of crane bridge (without hoists)	4328 kg
Weight of one hoist and trolley	1610 kg
Weight of one end carriage	470 kg
Weight of one crane traveling machinery	20 kg
Weight of bridge panel	50kg
Weight of one main girder	3039 kg
Weight of crane service platform	N/A
Main girder type (Box)	410/740/6/32/6/18-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	19.8kW
Maximum current of crane*)	N/A
Nominal current of crane*)	46.9Ass
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