

CRANE DATA

1 General

Crane type	KS5t x16m Hol:12m
Span	16m
Crane load (SWL)	5000kg
Number of hoists	1 ps
Hoisting height	12m (max12m)
Hoist type	K3104L0050M512DD03N
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	0.08m/s ²
Weight of crane (with hoists)	3337 kg
Weight of crane bridge (without hoists)	2950 kg
Weight of one hoist and trolley	387 kg
Weight of one end carriage	179 kg
Weight of one crane traveling machinery	14 kg
Weight of bridge panel	50kg
Weight of one main girder	2254 kg
Weight of crane service platform	N/A
Main girder type (Box)	300/610/6/22/6/10-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	6.25kW
Maximum current of crane*)	N/A
Nominal current of crane*)	14.5Ass
Power factor at starting current	0.84
Power factor at nominal current	0.93
Voltage drop of trolley power supply	<= 2%
Voltage drop of crane power supply	N/A