

CRANE DATA

1 General

Crane type	KS8t x12m Hol:12m
Span	12m
Crane load (SWL)	8000kg
Number of hoists	1 ps
Hoisting height	12m (max12m)
Hoist type	H4104L0080M612CD05N
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	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)	3953 kg
Weight of crane bridge (without hoists)	3213 kg
Weight of one hoist and trolley	740 kg
Weight of one end carriage	285 kg
Weight of one crane traveling machinery	20 kg
Weight of bridge panel	50kg
Weight of one main girder	2318 kg
Weight of crane service platform	N/A
Main girder type (Box)	410/610/6/30/6/6-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	9.9kW
Maximum current of crane*)	N/A
Nominal current of crane*)	23.2Ass
Power factor at starting current	0.77
Power factor at nominal current	0.87
Voltage drop of trolley power supply	<= 2%
Voltage drop of crane power supply	N/A