

CRANE DATA

1 General

Crane type	KD20t x25m Hol:12m	
Span	25m	
Crane load (SWL)	20000kg	
Number of hoists	1 ps	
Hoisting height	12m (max12m)	
Hoist type.....	K5104D0200M412CD06N	
Trolley rail gauge.....	2000mm	
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	0.13m/s ²	
Weight of crane (with hoists).....	17571 kg	
Weight of crane bridge (without hoists)	16026 kg	
Weight of one hoist and trolley	1545 kg	
Weight of one end carriage.....	719 kg	
Weight of one crane traveling machinery	38 kg	
Weight of bridge panel	50kg	
Weight of one main girder	6012 kg	
Weight of crane service platform	1775 kg	
Main girder type (Box)	490/1230/6/8/6/10-Q235	
Service platform type	Bottom joint	
Surface preparation type	Sa2.5	
Painting type	Epoxy	

2 Electrical

Main voltage	380V/50Hz
Control voltage	48AC
Nominal power of crane	20.7kW
Maximum current of crane*)	N/A
Nominal current of crane*)	50Ass
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