

CRANE DATA

1 General

Crane type	KD5t x28.5m Hol:12m	
Span	28.5m	
Crane load (SWL)	5000kg	
Number of hoists	1 ps	
Hoisting height	12m (max12m)	
Hoist type.....	K4104D0050M612DD05N	
Trolley rail gauge	1400mm	
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	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	0.12m/s ²	
Weight of crane (with hoists)	16410 kg	
Weight of crane bridge (without hoists)	15536 kg	
Weight of one hoist and trolley	874 kg	
Weight of one end carriage	675 kg	
Weight of one crane traveling machinery	20 kg	
Weight of bridge panel	50kg	
Weight of one main girder	5658 kg	
Weight of crane service platform	2023 kg	
Main girder type (Box).....	490/980/6/8/6/8-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.....	11kW
Maximum current of crane*)	N/A
Nominal current of crane*)	26.2Ass
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