

## CRANE DATA

### 1 General

Crane type .....	KS16t x19.5m Hol:12m	
Span .....	19.5m	
Crane load (SWL) .....	16000kg	
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 .....	0.11m/s <sup>2</sup>	
Weight of crane (with hoists) .....	8758 kg	
Weight of crane bridge (without hoists) .....	7148 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 .....	5807 kg	
Weight of crane service platform .....	N/A	
Main girder type (Box) .....	490/1080/6/30/6/12-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	