

## CRANE DATA

### 1 General

Crane type .....	KS5t x22.5m Hol:6m	
Span .....	22.5m	
Crane load (SWL) .....	5000kg	
Number of hoists .....	1 ps	
Hoisting height .....	6m (max6m)	
Hoist type.....	K3104L0050M506DD03N	
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 .....	0.12m/s <sup>2</sup>	
Weight of crane (with hoists).....	6068 kg	
Weight of crane bridge (without hoists) .....	5719 kg	
Weight of one hoist and trolley .....	349 kg	
Weight of one end carriage.....	315 kg	
Weight of one crane traveling machinery .....	20 kg	
Weight of bridge panel .....	50kg	
Weight of one main girder .....	4673 kg	
Weight of crane service platform .....	N/A	
Main girder type (Box) .....	410/860/6/22/6/8-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 .....	6.95kW	
Maximum current of crane*) .....	N/A	
Nominal current of crane*) .....	16.3Ass	
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	