

## CRANE DATA

### 1 General

Crane type .....	KS20t x19.5m Hol:12m
Span .....	19.5m
Crane load (SWL) .....	20000kg
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 .....	0.09m/s <sup>2</sup>
Weight of crane (with hoists) .....	9407 kg
Weight of crane bridge (without hoists) .....	7797 kg
Weight of one hoist and trolley .....	1610 kg
Weight of one end carriage .....	567 kg
Weight of one crane traveling machinery .....	20 kg
Weight of bridge panel .....	50kg
Weight of one main girder .....	6263 kg
Weight of crane service platform .....	N/A
Main girder type (Box) .....	490/1230/6/32/6/12-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