

## **CRANE DATA**

### **1 General**

Crane type .....	QXSka3-TON x 25ft Hol:19.69ft
Span .....	25'-0"
Crane load (SWL) .....	6 000 lbs
Number of MAIN hoists.....	1 ps

#### **Hoist 1**

Trolley type .....	Standard
Hoist load .....	6 000 lbs
Hoisting height MAIN.....	19'-8 1/4" [max 19'-8 1/4" ]
Hoist type MAIN .....	SX30410032P25FAL0S
Weight of one hoist and trolley .....	490 lbs
Hoist group MAIN.....	ASME H4
Hoisting speed .....	20/3.3 ft/min
	2 - speed
Trolley traversing group.....	CMAA C
Trolley traversing speed .....	65 ft/min
	Stepless
Trolley rail gauge .....	N/A
Crane use .....	Indoor
Crane group.....	CMAA C
Bridge traveling group.....	CMAA C
Bridge traveling speed .....	100 ft/min
	stepless
Dynamic coefficient for load .....	1.15
Dynamic coefficient dead load .....	1.10
Sideways pull factor .....	1.05
Crane acceleration time .....	4.7 s
Weight of crane (with hoists).....	2 780 lbs
Weight of crane bridge (without hoists) .....	2 290 lbs
Weight of one end carriage .....	190 lbs
Weight of one crane traveling machinery .....	20 lbs
Weight of bridge panel.....	60 lbs
Weight of one main girder.....	1 360 lbs
Weight of crane service platform.....	N/A
Main girder type (Profile).....	W12x53-MatA992
Service platform type .....	N/A
Surface preparation type.....	SSPC6
Painting type .....	A 5 mil, Safety Yellow

### **2 Electrical**

Main voltage .....	460 V /60 Hz
Control voltage.....	115 V
Nominal power of crane .....	6.8 hp
Main fuse size at bridge panel .....	15 A
Maximum current of crane*) .....	46.3 A
Nominal current of crane*) .....	11.6 A
Power factor at starting current .....	0.77
Power factor at nominal current .....	0.89
Voltage drop of crane (conductor) power supply .. %	<= 4.0 %