



truck crane QY12B.5

技术参数 TECHNICAL SPECIFICATIONS



尺寸参数 Dimensions		Unit	
整机全长 Overall length		mm	10785
整机全宽 Overall width		mm	2500
整机全高 Overall height		mm	3050
重量参数 Weight			
行驶状态整机质量 Dead weight in travel state		kg	16000
前轴轴荷 Front axle load		kg	6000
后轴轴荷 Rear axle load		kg	10000
动力参数 Power			
发动机型号 Engine model		SC7H215Q3 SC8DK230Q3 YC6J200-30	
发动机额定功率 Engine rated output	kW/(r/min)	154/2200 170/2200 147/2500	
发动机最大扭矩 Engine max torque	N.m/(r/min)	900/1400 830/1400 730/(1200~1700)	
行驶参数 Travel			
最高行驶速度 Max.travel speed	km/h		75
最小转弯直径 Min.turning diameter	mm		18000
最小离地间隙 Min.ground clearance	mm		260
接近角 Approach angle	°		22
离去角 Departure angle	°		11
最大爬坡能力 Max.gradeability	%		≥28
百公里油耗 Fuel consumption of 100km	L		≤35
主要性能参数 Lifting performance			
最大额定总起重量 Max.total rated lifting load	t		12
最小额定幅度 Min.rated working radius	m		3
转台尾部回转半径 Turning radius at swing tadble tail	m		2.67
基本臂最大起重力矩 Max. load moment of base boom	kN.m		428
基本臂时起升高度 Lifting height of base boom	m		9.3
最长主臂时起升高度 Lifting height of longest boom	m		22.9
最长主臂+副臂起时升高度 Lifting height of longest boom + jib	m		29.4
支腿纵向距离 Outrigger longitudinal distance span	m		4.1
支腿横向距离 Outrigger lateral distance span	m		4.9
工作速度参数 Working speed			
起重臂变幅时间 Boom elevating time	s		47
起重臂全伸时间 Boom full elevating time	s		78
最大回转速度 Max.slewing speed	r/min		2.6
主起升机构满载/空载(单绳、第二层) Main winch with full load/no load(single line at 2nd layer)	m/min		95

主臂起重性能表 Total rated lifting load for boom				
全伸支腿(侧方、后方作业) Full-extend outrigger with boom at the side or the rear				
工作幅度 Working radius (m)	基本臂 Base boom 9.1m	中长臂 Mid-extend boom 15.8m	全伸臂 Full-extend boom 22.5m	全伸臂 Full-extend boom 22.5m+7m
	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)	起重量 Lifting Load (kg)
3.0	12000			
3.5	12000	7500		
4.0	10800	7500		
4.5	9700	7400		
5.0	8700	6800	4700	
5.5	7800	6400	4550	
6.0	6900	6000	4500	
6.5	6100	5500	4200	
7.0	5450	5000	3900	1900
7.5		4600	3600	1800
8.0		4300	3400	1750
8.5		3900	3200	1700
9.0		3550	3100	1600
10.0		3000	2900	1400
11.0		2500	2550	1300
12.0		2100	2200	1200
13.0		1800	1900	1100
14.0			1650	1000
15.0			1450	900
16.0			1250	800
17.0			1100	700
18.0			950	650
19.0			800	600
倍率 Parts of line	6	5	4	1

- 表中所列额定起重量为最大允许值(包括吊钩重量和其它吊具的重量); 工作幅度是包括吊臂的变形量在内的实际值; 只允许在5级(瞬时风速14.1m/s)风以下进行作业。
- 主臂起重量是主臂头部不装副臂情况下的计算值, 当主臂头部装有副臂时, 主臂的额定起重量根据实际情况, 应减去副臂重量。
- 上述起重表仅做参考, 详细信息请参照产品使用说明书。
- The rated lifting load listed in the table is max. allowable value (including the weight of hook block and other slings); working radius is the actual value including boom deformation; the operations can only be performed when wind speed is below 5 level (14.1m/s).
- The total rated load is the max.lifting capacity for the boom head without jib,when jib is attached on boom head,the weight of jib should be reduced from the total rated load for boom.
- Take the above tables as reference only, see the product operation manual for details.