



Technical Requirement

- 1.Manufacture, install and use according to JB/T 1306-2008
- 2.Distance from workshop backspin to crane peak should >200mm
- 3.Control mode: ground control
- 4.Crane power supply mode: safe slide wire
- 5.Trolley power supply mode: wire rope slideway

Crane traveling mechanism	Traveling speed (m/min)		20	
	reducer	Reduction ratio i	58.95	
		model	LDA driving device	
	motor	model	ZDY(D) 21-4	
Power KW×Quantity		0.8KW×2		
Rotation speed (r/min)		1380		
Trolley moving mechanism	Traveling speed (m/min)		20	
	Traveling motor model	ZDY, 12-4	Reducer model	723
	Power KW×Quantity	0.4kw×1	Motor rotation speed (r/min)	1380
	Lifting height (m)	6	Hoist model	CD <sub>1</sub>
Lifting mechanism	Lifting speed (m/min)	8	Lifting capacity(t)	2
	Lifting motor model	ZD <sub>3</sub> 1-4	Wire rope	11NAT6×37-FC1670ZS
	Power KW×Quantity	3KW×1	Diameter of wire rope (mm)	φ11
	The track	P24	Diameter of wheel on ground	φ270
Overall parameters	Max. Wheel load (KN)	15	Working class	A3
	Min. Wheel load (KN)	4.8	Power supply	3-phase 380V 50HZ
	Total power (KW)	5	Working temperature	-20℃~+40℃

number	code	name	stuff	quantity	single weight (kg)	total weight (kg)	remark	
7		end girder	part	2				
6		electric device	part	1				
5		electric hoist	part	1				
4		tonnage card installed	part	1				
3		main girder	part	1				
2		nameplate installed	part	1				
1		crane traveling mechanism	part	2				
							LD Type Single Girder Electric Crane LD 2t-11m	Yuantai Crane Machinery
							Page one	Weight Scale
							Total	~2.12t 1:30
mark	change	file	sign	date				
design			standard					
check			electric					
verify			approval					
technic			date					
General drawing							Reference drawing	