



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	
		model	ZDY(D)21-4	
	motor	Power KW×Quantity	0.8KW×2	
Rotation speed (r/min)		1380		
Traveling speed (m/min)		20		
Trolley moving mechanism	Traveling motor model	ZDY21-4	Reducer model	727
	Power KW×Quantity	0.8kw×1	Motor rotation speed (r/min)	1380
	Lifting height (m)	7	Hoist model	CD
	Lifting speed (m/min)	8	Lifting capacity(t)	5
Lifting mechanism	Lifting motor model	ZD41-4	Wire rope	15NAT6×37-FC1670ZS
	Power KW×Quantity	7.5KW×1	Diameter of wire rope	φ15
	The track	P24	Diameter of wheel on ground	φ270
Overall parameters	Max. Wheel load (KN)	30	Working class	A3
	Min. Wheel load (KN)	5.6	Power supply	AC 380V 50HZ
	Total power (KW)	9.9	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			
					single	total	
					weight	weight	(kg)
							remark
LD Type Single Girder Electric Crane							Yuantai Crane Machinery
LD 5t-10.76m							Page one
							Weight
							Scale
							Total
							~2.6t
							1:30
mark	design	change	file	sign	date		
check	verify	approval	date				
General drawing							Reference drawing