



Horizontal Planetary Reducer Series 1500W AGV Drive Unit Wheel Diameter 250mm

Our Product Introduction

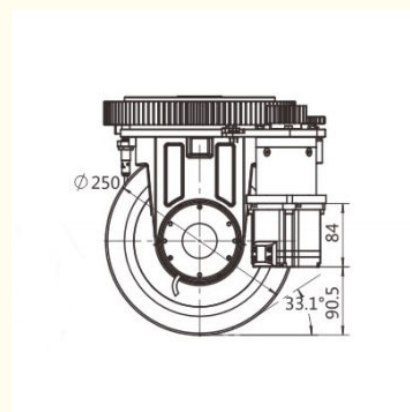
Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TDL-250-1500
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 45 work days
- Payment Terms: T/T
- Supply Ability: 100

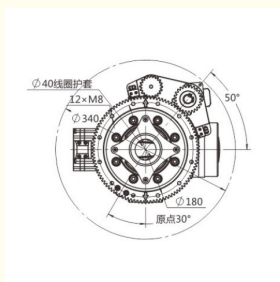
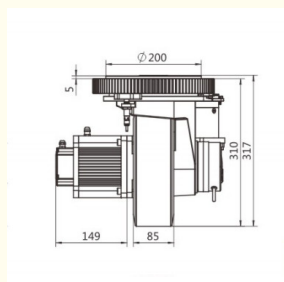


Product Specification

- Wheel Diameter: Diameter 250mm
- Motor Way: Servo Motor
- Voltage: 48V
- Driving Power: 1500W
- Steering Power: 750W
- Highlight: 1500W AGV Drive Unit,
AGV Drive Unit Diameter 250mm,
1500W agv drive system



More Images



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Product Description

AGV steering wheel assembly drive, horizontal planetary reducer series integrated 1500W drive, wheel diameter 250mm

行走电机参数

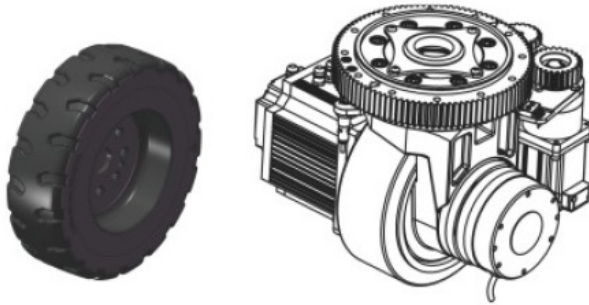
Parameters of walking motor

电机类型 Motor type	伺服电机 Servo motor			
电机功率 Motor power	W	1500		
电机电压 Motor voltage	V(DC)	48		
电机电流 Motor current	A	39		
电机转速 Motor speed	rpm	3000		
电机扭矩 Motor Torque	N-m	4.77		
防护等级 Protection level	IP	54		
电机编码器 Motor encoder	增量磁编 Magnetic coding			
行走减速机 Walking reducer		21	41	85
行走速度 Walking speed	m/min	110.82	56.8	27.7
舵轮输出扭矩 Output Torque	N-m	94.5	184	310
牵引力 Traction	N	756	1472	1700
参考牵引重量 Reference Traction weight	Kg	1134	2000	2550
聚氨酯承重 Polyurethane load-bearing	Kg	1200		
橡胶承重 Rubber bearing	Kg	800		

牵引减速机参数

Parameter table of traction reducer

转向电机参数 Steering Motor parameters	电机类型 Motor type	伺服电机 Servo motor	
	电机功率 Motor power	W	750
	电机电压 Motor voltage	V(DC)	48
	电机电流 Motor current	A	22.44
	电机转速 Motor speed	rpm	3000
	电机扭矩 Motor Torque	N-m	2.387
	防护等级 Protection level	IP	54
	电机编码器 Motor encoder	增量磁编 Magnetic coding	
	减速机速比 Speed ratio of reducer	i	35
	回转支承齿数 Slewing gear	100	齿数比5 : 1 Gear ratio 5 : 1
	转向齿轮齿数 Number of steering gear teeth	20	
	总转向速比 Total steering ratio	i	175
	编码器齿轮齿数 Number of teeth of encoder gear	Z	16
	转向角度 Steering Angle	°	±140
制动器 Brake	工作电压 Working voltage	V(DC)	48
	制动扭矩 Braking torque	N-m	4
角度传感器 Angle Sensor	型号 Type	SICK	DBS36E-S3EK02000
限位开关 Limit Switch	工作电压 Working voltage	V	0 ~ 48



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