

3000W AGV Drive System Wheel Diameter 300mm High Performance

Our Product Introduction

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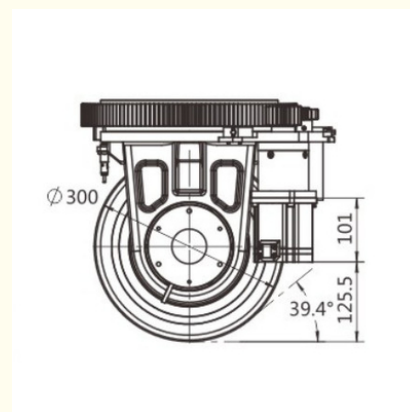
Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TDL-300-2000
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 45 work days
- Payment Terms: T/T
- Supply Ability: 100

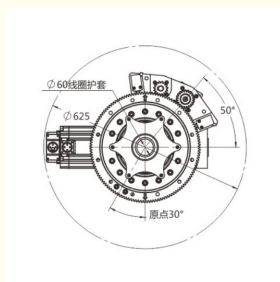
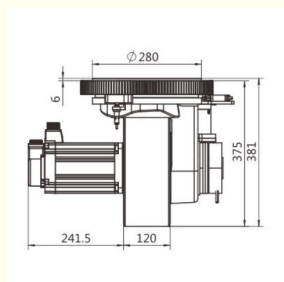


Product Specification

- Wheel Diameter: Diameter 300mm
- Motor Way: Servo Motor
- Voltage: 48V
- Driving Power: 2000W
- Steering Power: 750W
- Highlight: **3000W AGV drive system, high performance AGV drive system, high performance agv drive unit**



More Images



Product Description

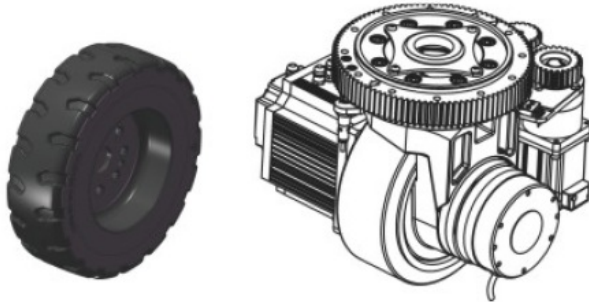
AGV steering wheel assembly drive, horizontal planetary reducer series integrated 3000W drive, wheel diameter 300mm

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	3000	
电机电压 Motor voltage	V(DC)	48	
电机电流 Motor current	A	90	
电机转速 Motor speed	rpm	1500	
电机扭矩 Motor Torque	N-m	19	
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		48	64 80
行走速度 Walking speed	m/min	29.4	22 17.66
舵轮输出扭矩 Output Torque	N-m	820	1090 1350
牵引力 Traction	N	5466	7266 9000
参考牵引重量 Reference Traction weight	Kg	7000	9500 11700
聚氨酯承重 Polyurethane load-bearing	Kg	2200	
橡胶承重 Rubber bearing	Kg	1200	

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	135	齿数比6.75 : 1 Gear ratio 6.75 : 1
	转向齿轮齿数 Number of steering gear teeth	20	
	总转向速比 Total steering ratio	i	236.25
	编码器齿轮齿数 Number of teeth of encoder gear	Z	15
	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	16
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



Guangzhou Tianyue Automation Technology Co., Ltd.



13570415240



mkliangjintian@gmail.com



roboticsagv.com

Shop 23,24-101 ,32 Lihong Bei Lu, Jiutan Cun, Huadu District, Guangzhou City, China