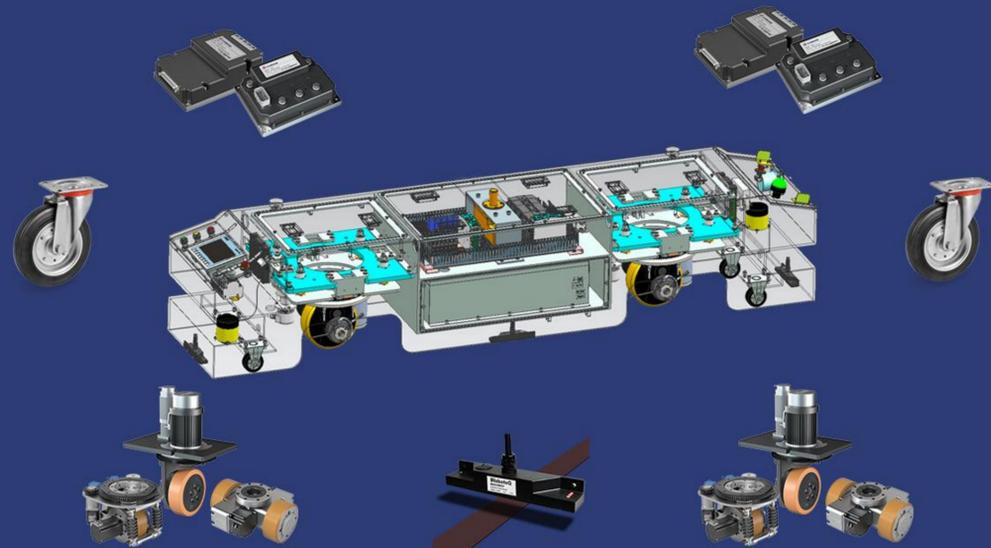


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**江苏亿控智能装备有限公司**

*Jiangsu Yikong Intelligent Equipment Co., Ltd.*

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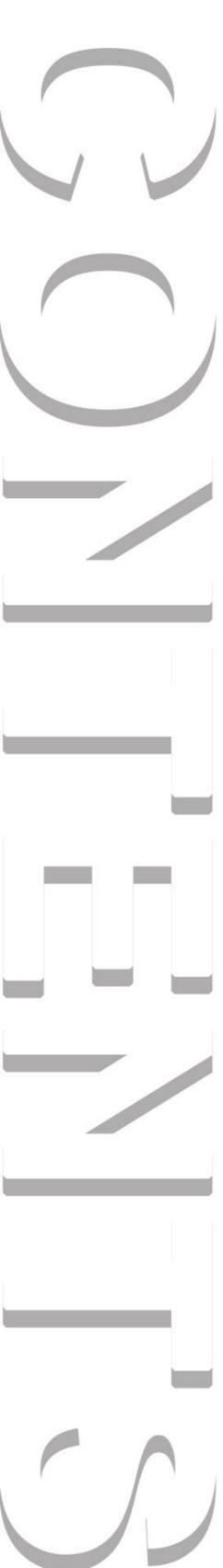


# TEC驱动轮选型手册

TEC DRIVE WHEEL SELECTION MANUAL

合作·共赢·创新·发展

COOPERATION·WIN-WIN·INNOVATIVE·DEVELOPMENT



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# 公司简介

## Company profile

江苏亿控智能装备有限公司及旗下全资子公司上海同普电力技术有限公司是由具有丰富行业管理经验的同济大学博士团队联合创办的“高新技术企业”。公司主要面向移动机器人(AGV/AMR), 叉车, 特种车辆, 电动车, 工程机械, 军工, 航天航空, 新能源等行业应用。公司专业从事驱动轮、脚轮、伺服驱动器, 磁导航系统、激光导航系统、调度系统等产品的研发、生产和销售, 同时为部分客户提供AGV整车系统解决方案。

目前公司产品和服务已广泛应用于仓储物流、制造业及特种设备, 行业遍及机场、港口、军工、飞机制造与维修、汽车制造业、电子制造业、纺织业、畜牧业、烟草行业以及厂间改造、叉车改造、特种AGV等等。

Jiangsu Yikong Intelligent Equipment Co., Ltd and its wholly-owned subsidiary, Shanghai Tongpu Electric Power Technology Co., Ltd, are "high-tech enterprises" co-founded by a team of doctoral graduates from Tongji University with extensive industry management experience. The company mainly focuses on the mobile robot (AGV/AMR) forklifts, special vehicles, electric vehicles, construction machinery, military industry, aerospace, new energy and other industry applications, engaging in the research, development, production, and sales of drive wheels, casters, servo drives, magnetic navigation systems, laser navigation systems, and dispatch systems, while also providing full AGV vehicle system solutions for some clients.

Currently, the company's products and services are widely used in warehousing logistics, manufacturing, and special equipment industries, spanning sectors such as airports, ports, military industry, aircraft manufacturing and maintenance, automobile manufacturing, electronics manufacturing, textile industry, animal husbandry, tobacco industry, factory renovations, forklift modifications, and special AGVs.

### 客户应用特种设备(部分案例)

SPECIAL EQUIPMENT CUSTOMER APPLICATION



公铁两用车

Public railway  
dual-use vehicle



高尔夫球车

Golf cart



飞机牵引

Aircraft traction



港口码头AGV

Port terminal AGV

### 客户应用常规AGV(部分案例)

SPECIAL EQUIPMENT CONVENTIONAL AGV



叉车式AGV

Forklift AGV



牵引式AGV

Traction AGV



举升式AGV

Lift AGV



停车AGV

Parking AGV

# 发展历程

DEVELOPMENT HISTORY

## MORE THAN TEN YEARS OF HARD WORK AND ENDEAVOR

### 十余年的拼搏与奋进

上海同普成立

Shanghai Tongpu was established.

2010

建立浙江亿控  
生产基地

Established the Yikong production base in Zhejiang.

2014

与TR达成合作  
入选全国创新  
创业企业

Formed a cooperation with TR and was selected as a national innovation and entrepreneurship enterprise.

2016

亿控获得国家  
高新企业称号  
与Benevelli达成合作

Yikong received the title of National High-Tech Enterprise and established a partnership with Benevelli.

2018

2011

与意大利CFR  
达成战略合作

Reached a strategic cooperation with Italy's CFR.

2015

与RoboteQ  
达成合作关系

Formed a partnership with RoboteQ

2017

同普获得国家  
高新企业称号  
PRO-A轮融资

Tongpu received the title of National High-Tech Enterprise and completed Pre-A round financing.

2021

更名江苏亿控  
获得A轮融资  
海门区“东洲智荟”  
人才项目

Renamed as Jiangsu Yikong, completed A-round financing, and selected for the "Dongzhou Zhihui" talent project in Haimen District.

2022

整体迁移至海门  
更名江苏亿控

Relocated entirely to Haimen and renamed as Jiangsu Yikong.

2023

入选南通市“江海英才”  
和江苏省“双创”人才  
项目

Selected for the "Jianghai Talent" program in Nantong and the "Double Innovation Talent" program in Jiangsu Province.

2024

获小巨人，专精特  
新企业认证

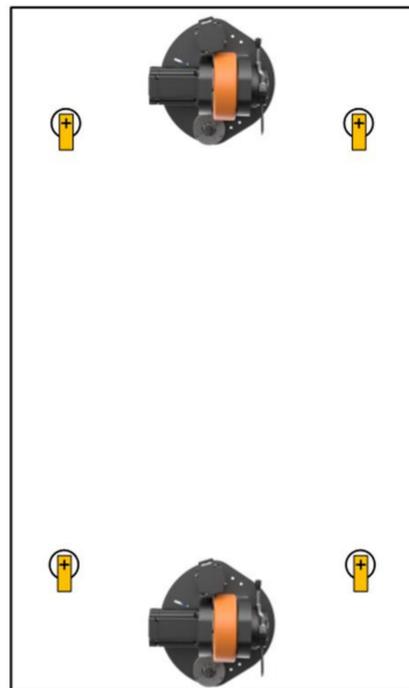
Obtained the certification of "Little Giant" and "Specialized, Sophisticated, Unique and New" enterprise.

# 轮系布局方案

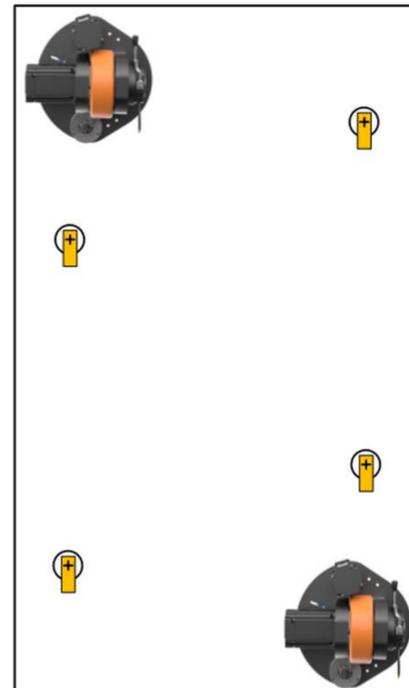
## Layout solution of drive wheel



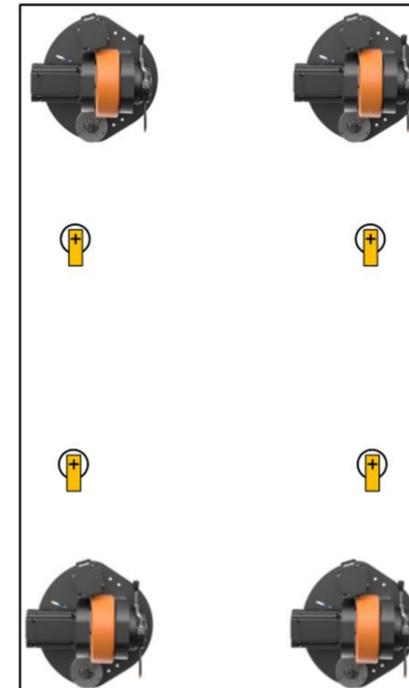
**单舵轮**  
Single drive wheel



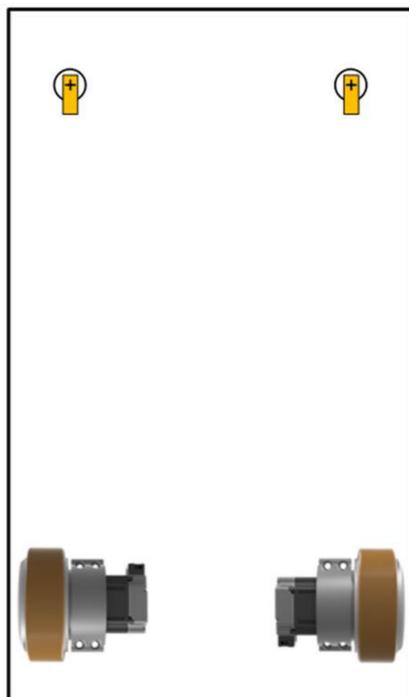
**中轴双舵轮**  
Middle axle drive wheel



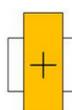
**对角双舵轮**  
Diagonal drive wheel



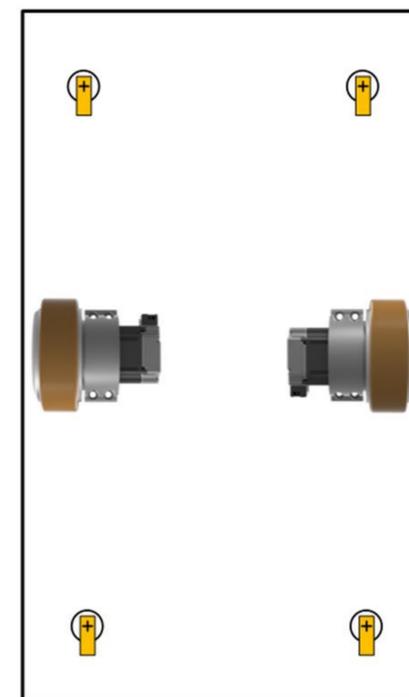
**四舵轮**  
Four drive wheel



**单侧差速轮**  
Diagonal drive wheel

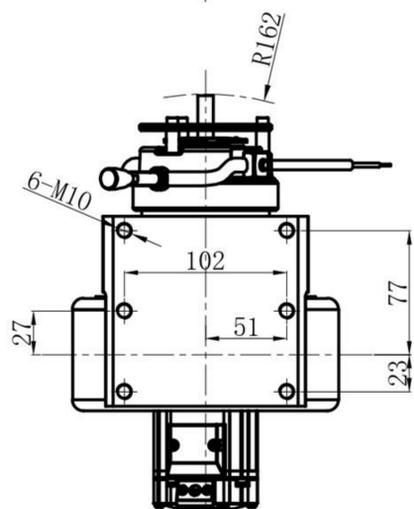
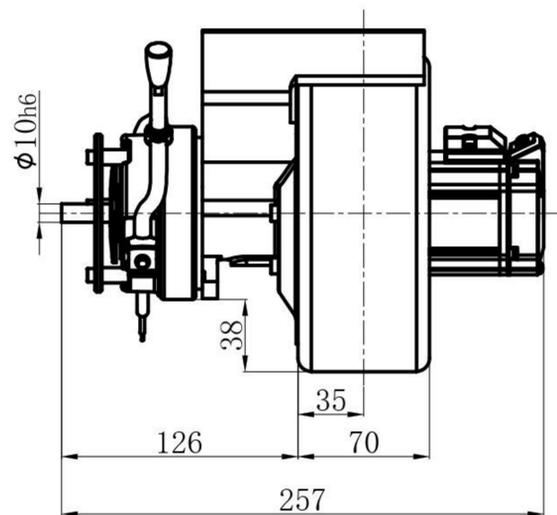
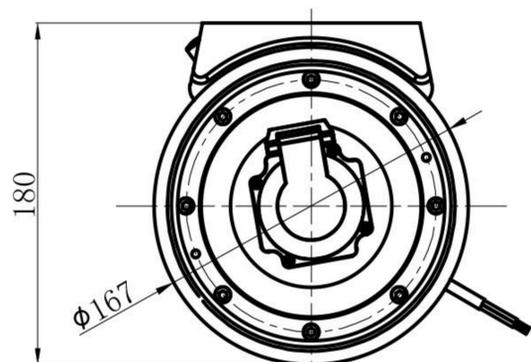
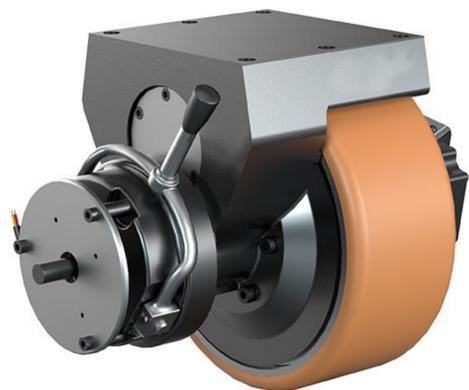
-  **定向脚轮**  
Directional costor
-  **万向脚轮**  
Omni-directional castor
-  **舵轮**  
Drive wheel
-  **差速轮**  
Differential drive wheel

- 单舵轮结构能前进后退与转向  
The structure of single drive wheel can move forward, backward and steer.
- 双舵轮及以上结构可以前进后退转向左右横移原地掉头  
The structure of double drive wheels and above can move forward, backward, turn left and right, and make a U-turn in place.
- 差速轮结构能前进后退和原地掉头  
The structure of differential drive wheel can move forward, backward and make a U-turn in place.



**中轴差速轮**  
Midedle axle differential drive wheel

TEC-167P 行走轮 (Traction system)



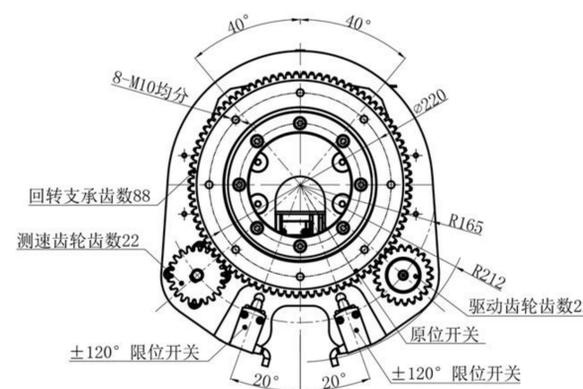
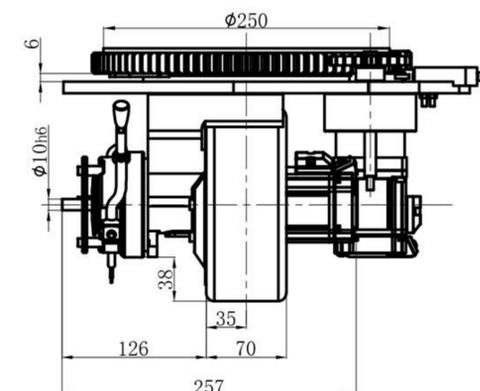
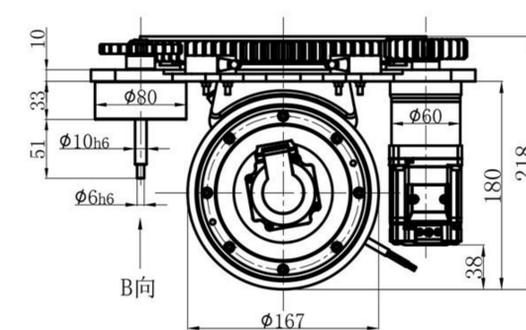
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行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400/750
电压 Voltage(V)	24/48
电流 Current(A)	22/11.5/40/19.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	30
承载 Load capacity(kg)	600
IP等级 IP grade	65

TEC-167P 舵轮 (Drive wheel)



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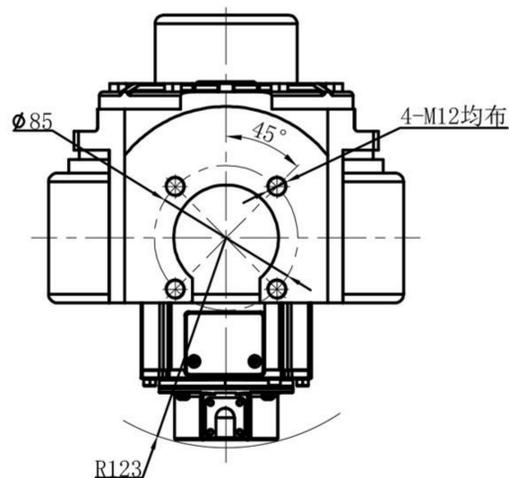
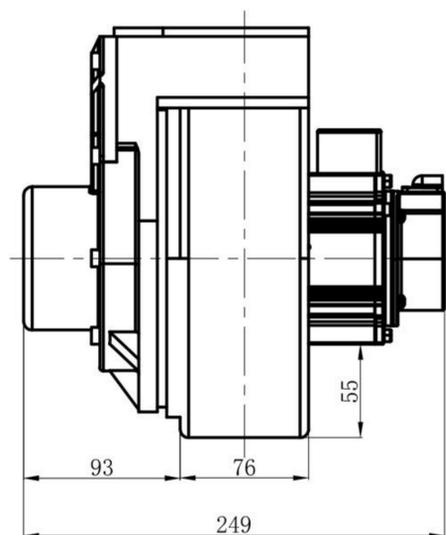
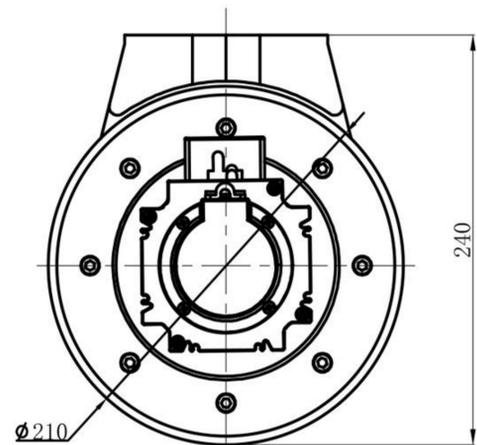
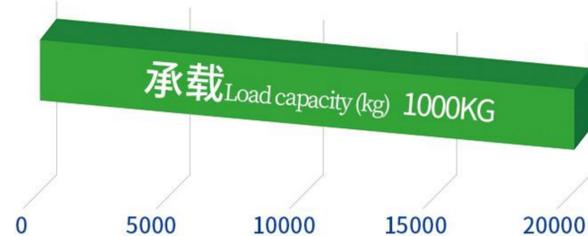


转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	200
电压 Voltage(V)	24/48
电流 Current(A)	12/6
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-210P 行走轮 (Traction system)



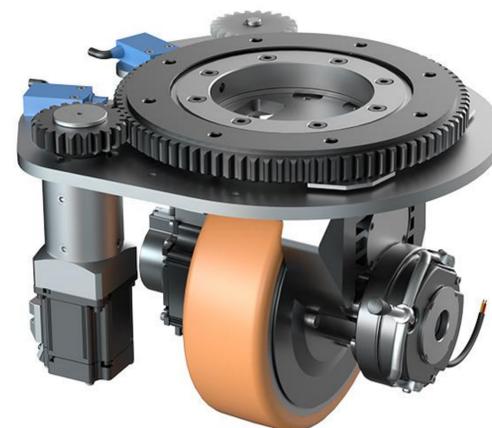
行走轮部分参数 Traction parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	750/1000
电压 Voltage(V)	24/48
电流 Current(A)	40/19.6/58/27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	25
承载 Load capacity(kg)	1000
IP等级 IP grade	65

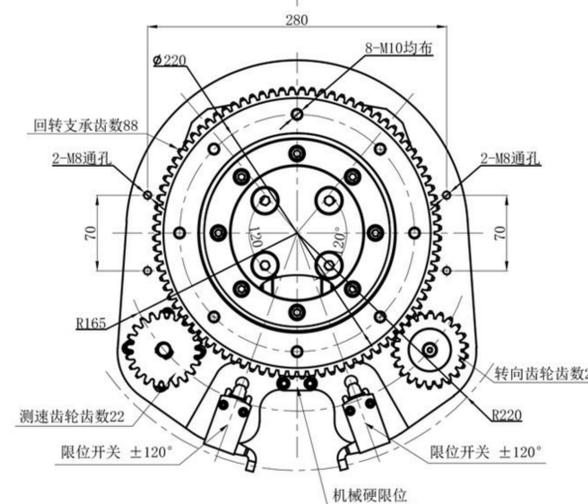
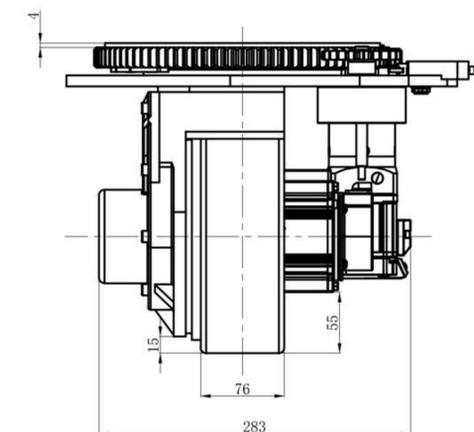
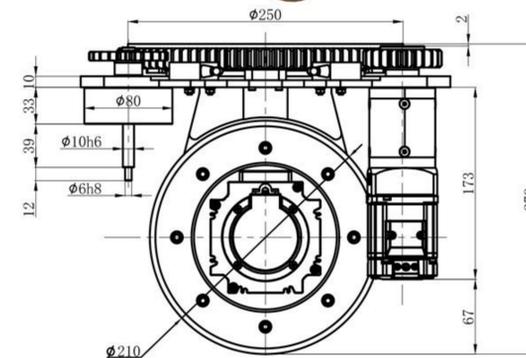


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TEC-210P 舵轮 (Drive wheel)



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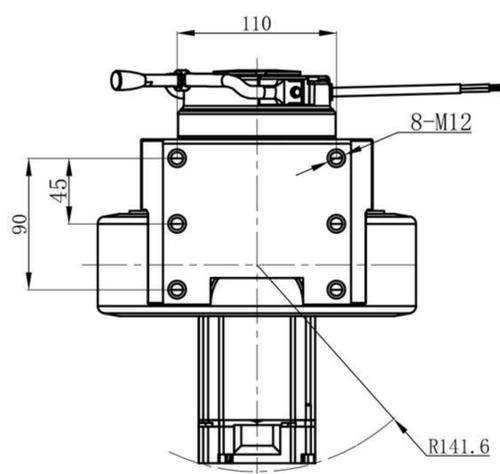
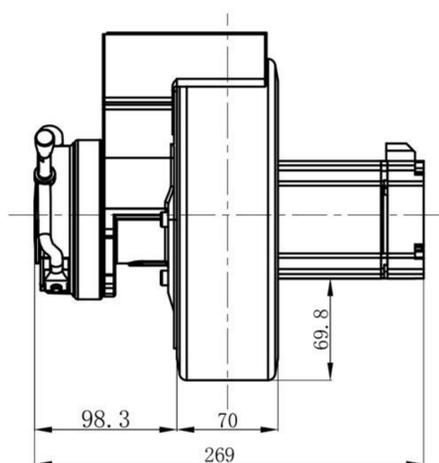
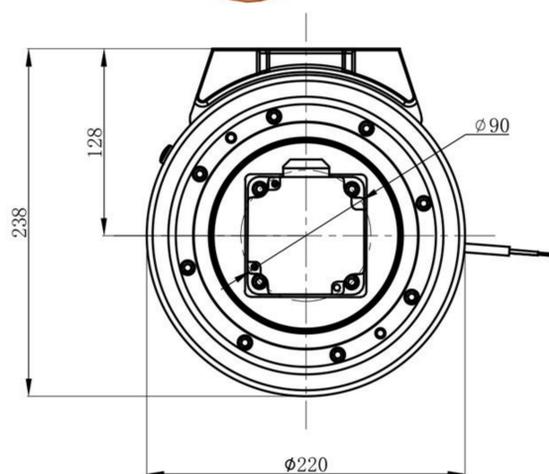
转向部分参数 Steering parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	200
电压 Voltage(V)	24/48
电流 Current(A)	12/6
转速 Speed(rpm)	3000
减速比 Ratio(i)	58.22
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-220P 行走轮 (Traction system)



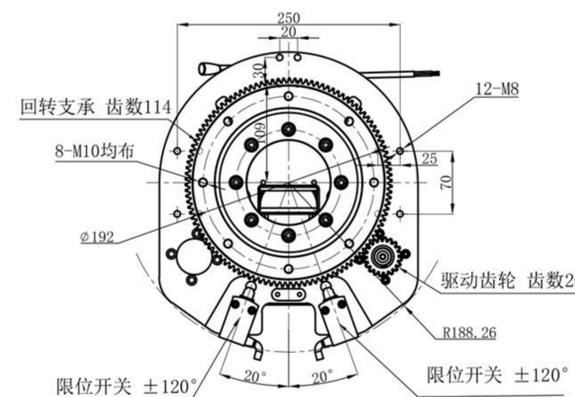
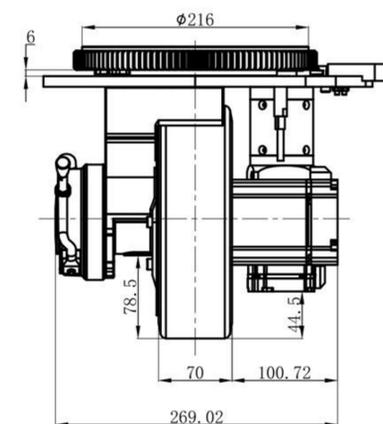
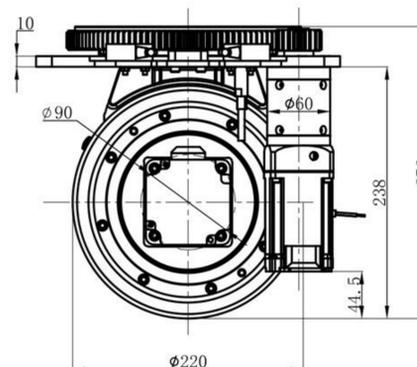
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行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	48
电流 Current(A)	27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	32
承载 Load capacity(kg)	1000
IP等级 IP grade	65

TEC-220P 舵轮 (Drive wheel)



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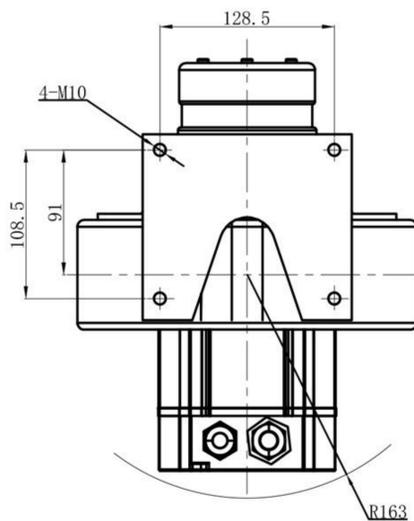
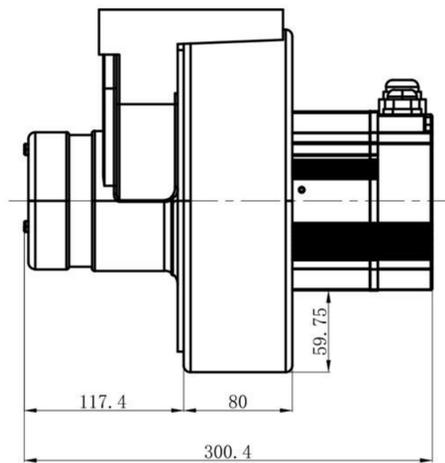
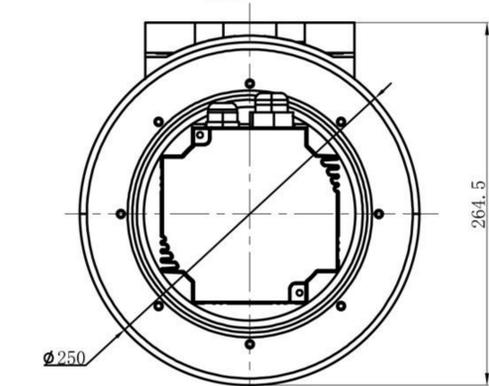
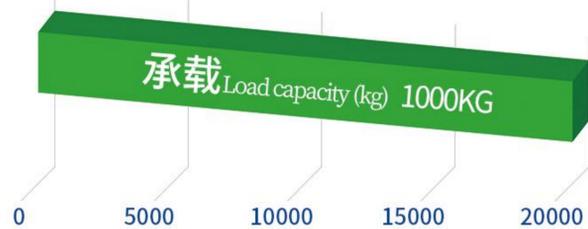
转向部分参数 Steering parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	200
电压 Voltage(V)	24/48
电流 Current(A)	12/6
转速 Speed(rpm)	3000
减速比 Ratio(i)	58.22
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-250P 行走轮 (Traction system)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1500/1000
电压 Voltage(V)	48
电流 Current(A)	42/27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	31
承载 Load capacity(kg)	1000
IP等级 IP grade	65

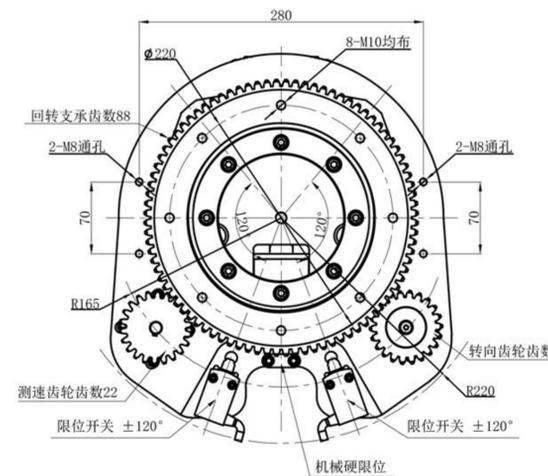
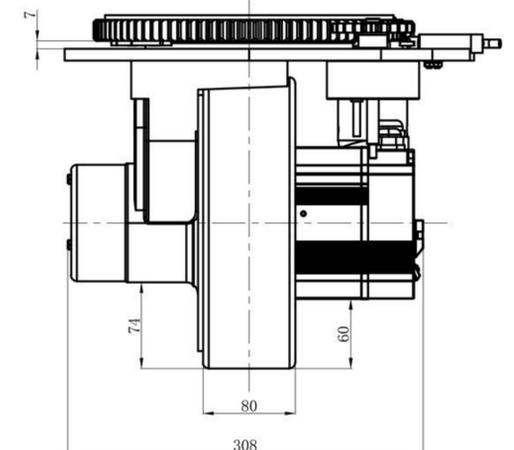
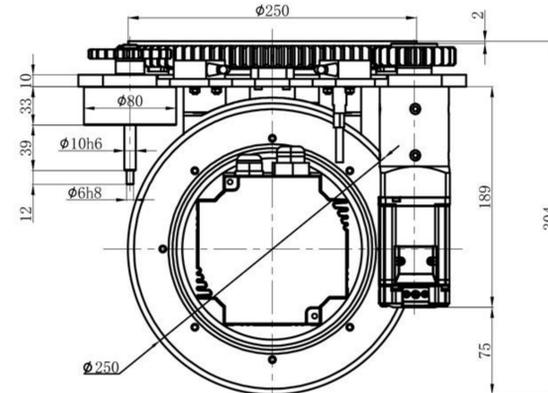


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TEC-250P 舵轮 (Drive wheel)



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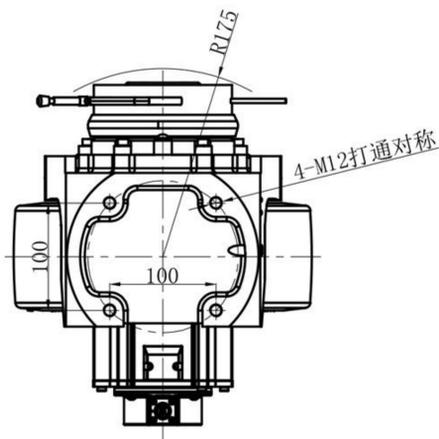
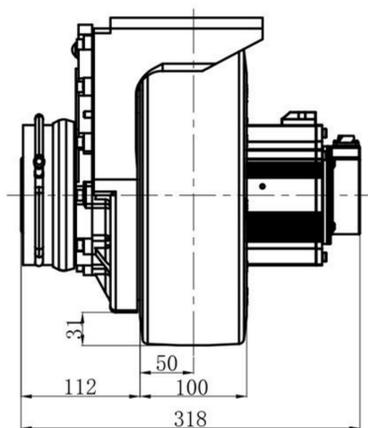
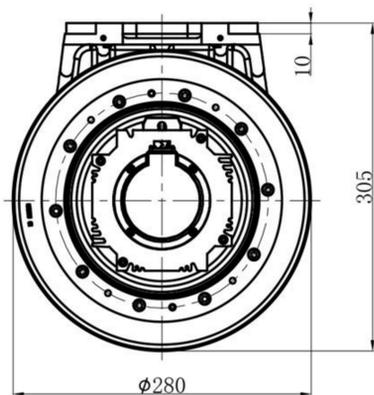
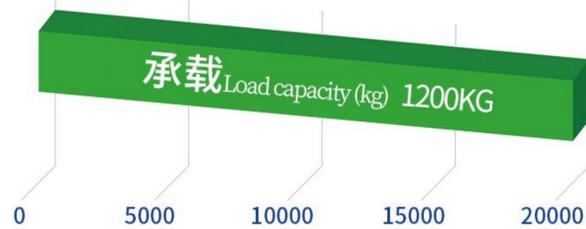
转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-280P 行走轮 (Traction system)

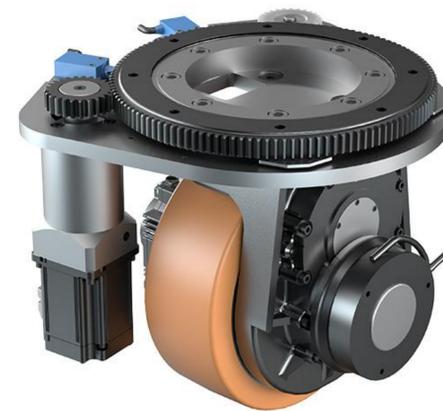


行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	2000/2500/3000
电压 Voltage(V)	48
电流 Current(A)	53/75/79
转速 Speed(rpm)	3000
减速比 Ratio(i)	28
承载 Load capacity(kg)	1200
IP等级 IP grade	65

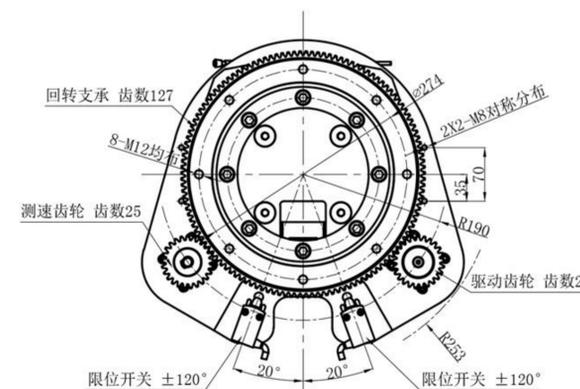
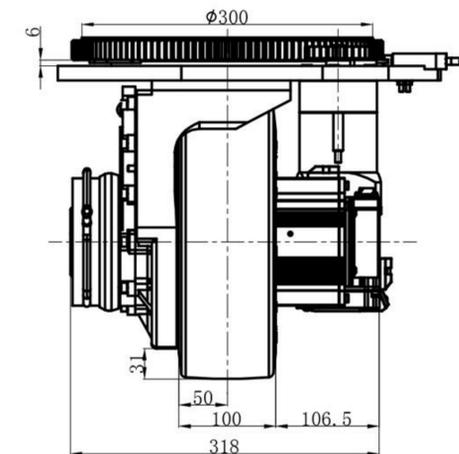
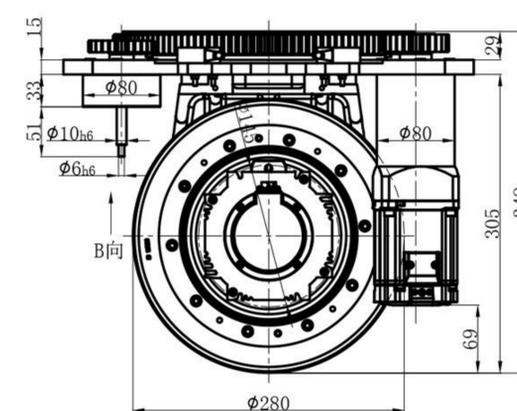


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TEC-280P 舵轮 (Drive wheel)



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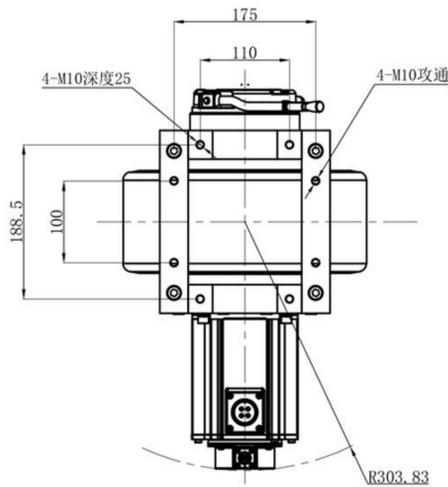
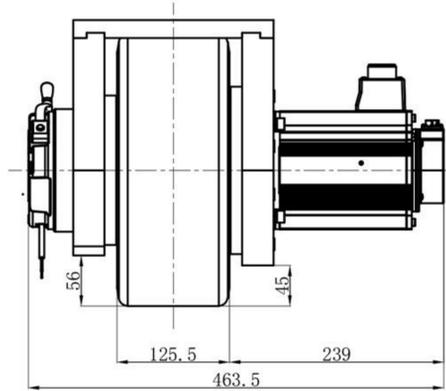
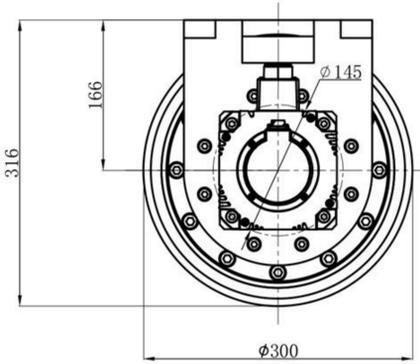
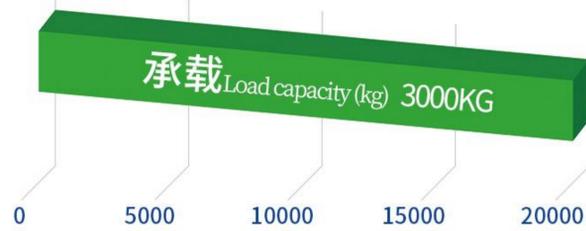
转向部分参数 Steering parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	750
电压 Voltage(V)	48
电流 Current(A)	19.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-300P 行走轮 (Traction system)

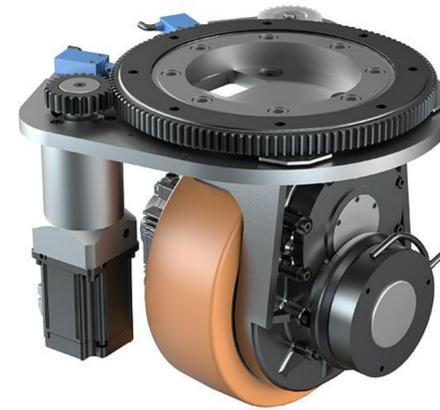


行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000
电压 Voltage(V)	48
电流 Current(A)	79
转速 Speed(rpm)	2500
减速比 Ratio(i)	40
承载 Load capacity(kg)	3000
IP等级 IP grade	65

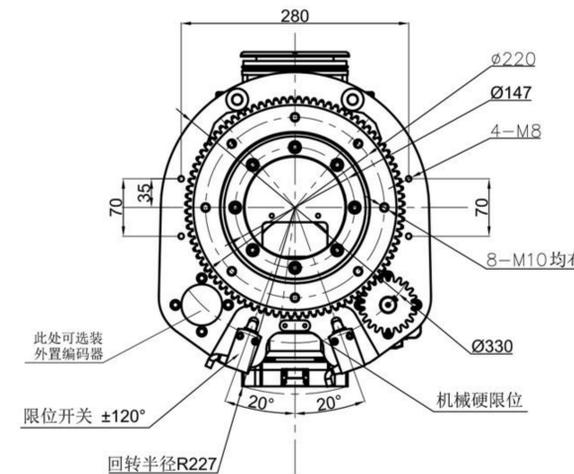
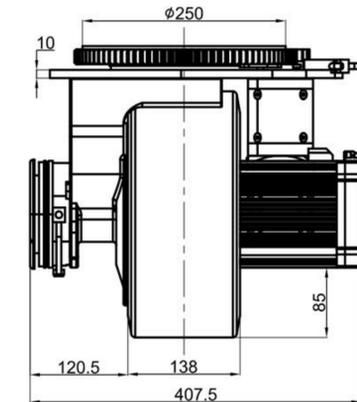
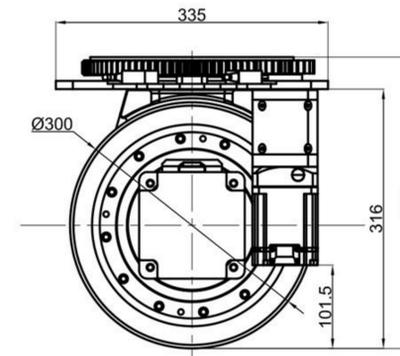


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TEC-300P 舵轮 (Drive wheel)



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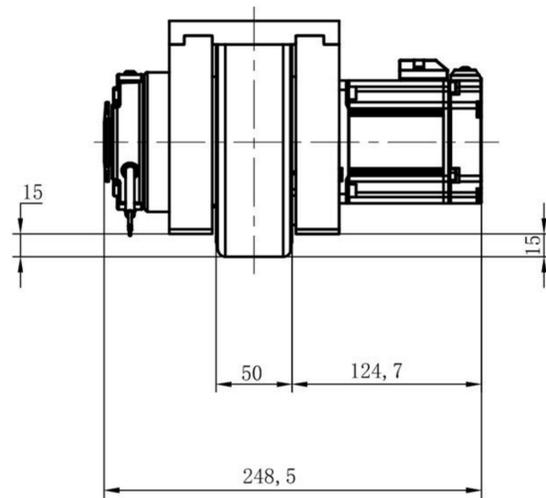
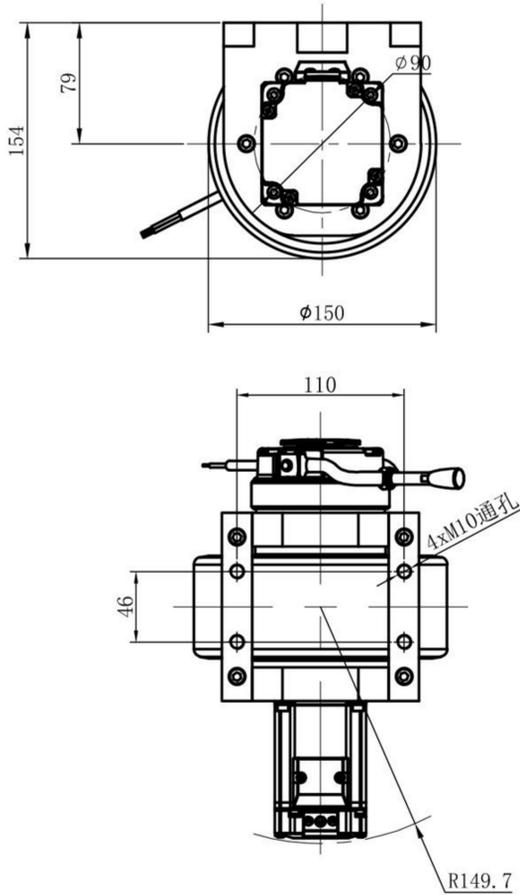
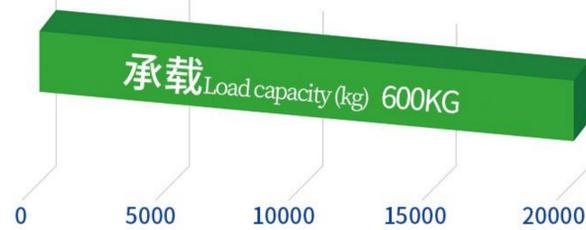
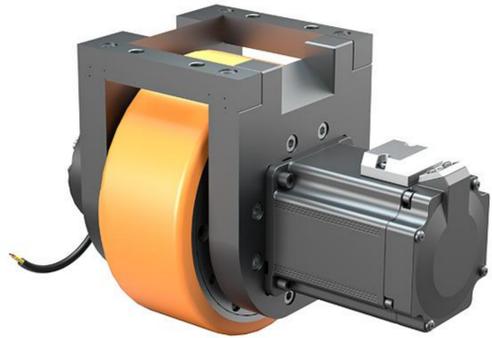
转向部分参数 Steering parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	48
电流 Current(A)	27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	200
IP等级 IP grade	65

可选用配件: (Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch, Home Switch, External Encoder, Potentionmeter

TEC-150P 行走轮 (Traction system)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	750/1000
电压 Voltage(V)	24/48
电流 Current(A)	40/19.6/58-27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	21
承载 Load capacity(kg)	600
IP等级 IP grade	65

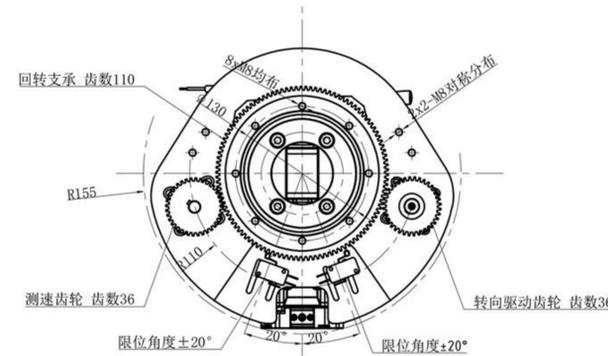
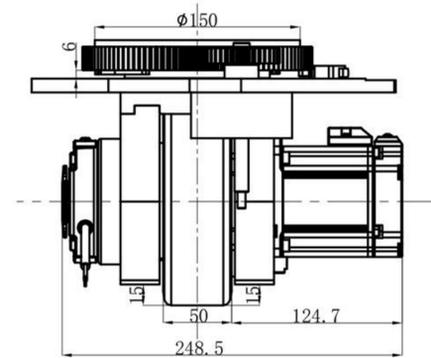
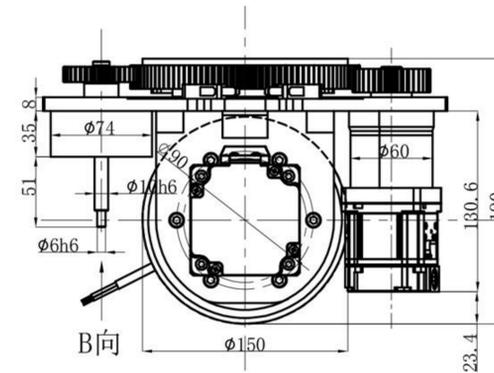


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TEC-150P 舵轮 (Drive wheel)



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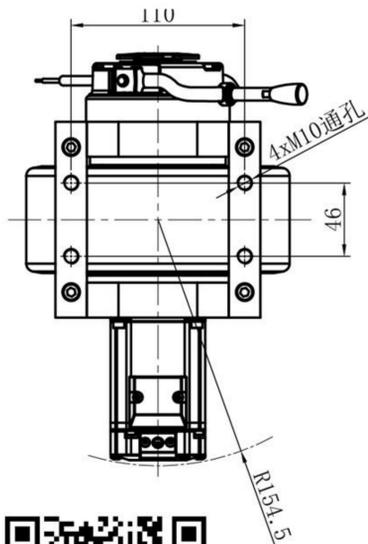
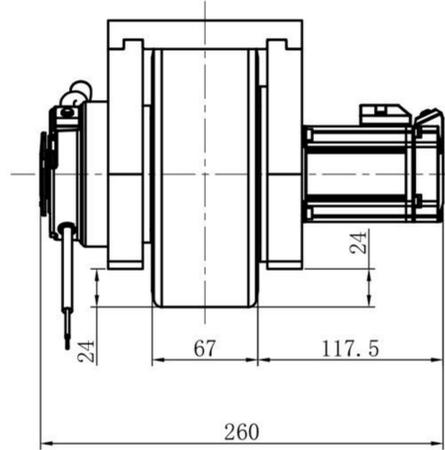
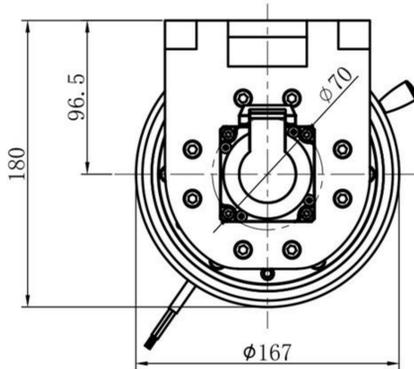
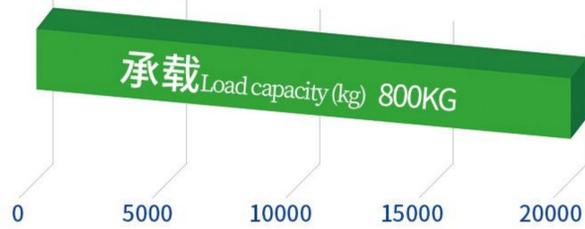
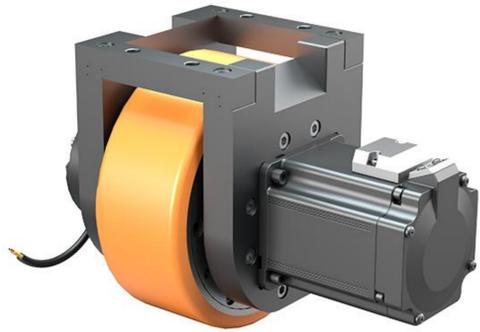
转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	100/200
电压 Voltage(V)	24/48
电流 Current(A)	6/2.9/12/6
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-167P 行走轮 (Traction system)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400/750/1000
电压 Voltage(V)	24/48
电流 Current(A)	22/11.5/40/19.5/58/27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	21/32
承载 Load capacity(kg)	800
IP等级 IP grade	65

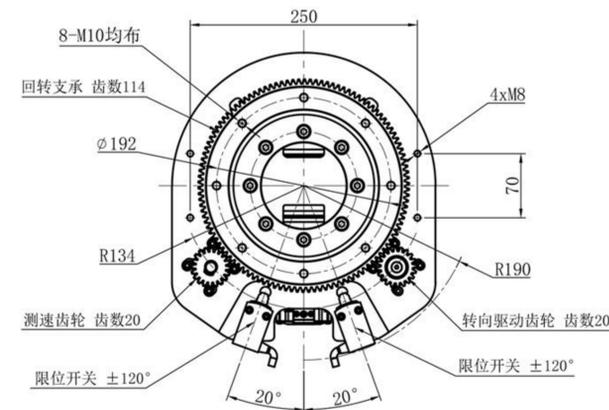
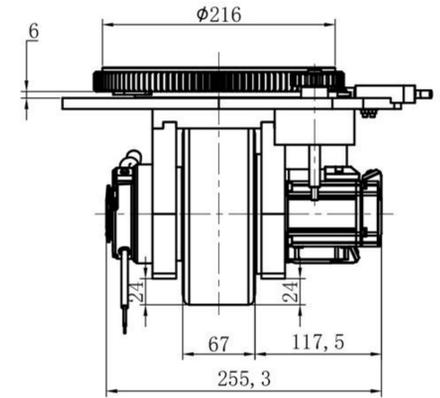
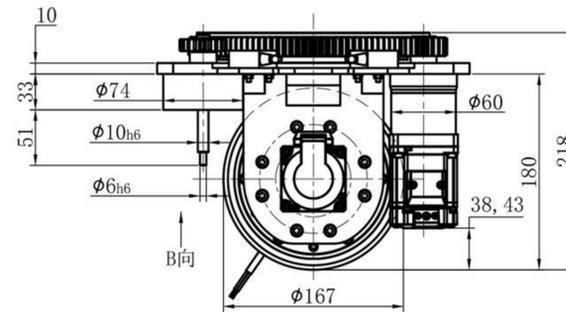


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TEC-167P 舵轮 (Drive wheel)



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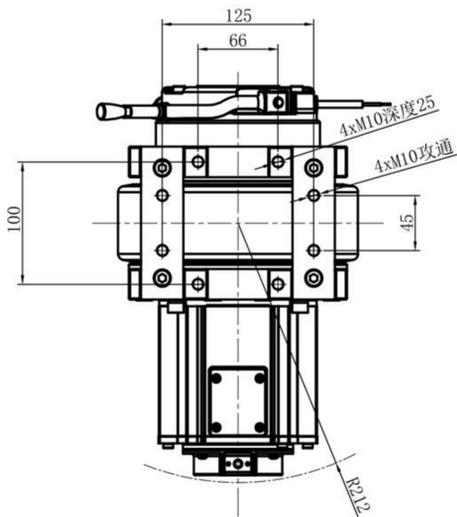
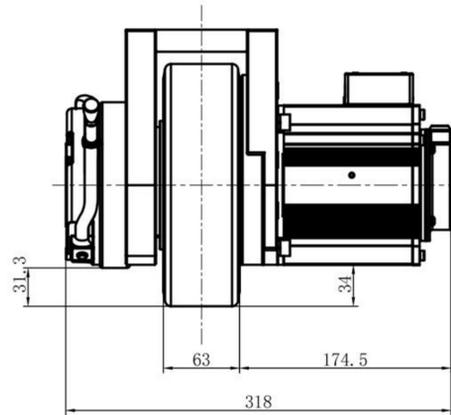
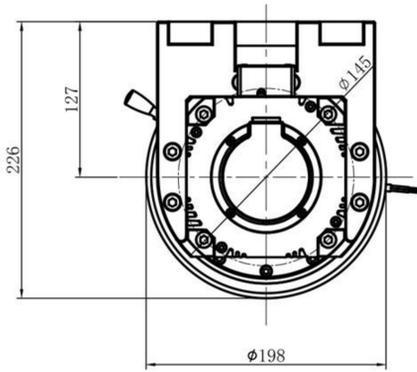
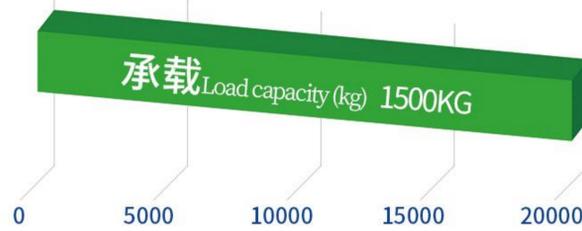
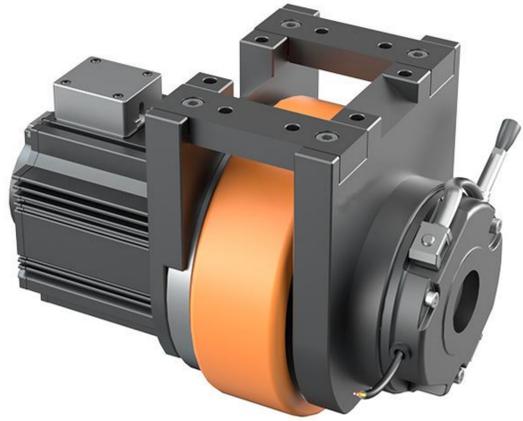
转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	100/200
电压 Voltage(V)	24/48
电流 Current(A)	6/2.9/12/6
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-198P 行走轮 (Traction system)



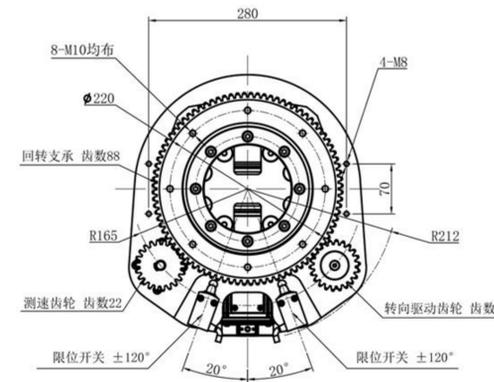
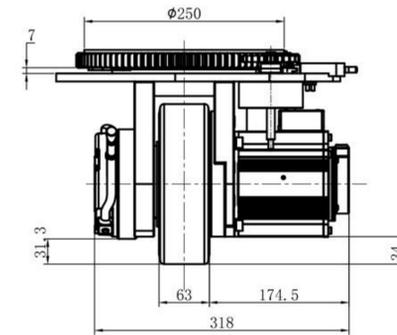
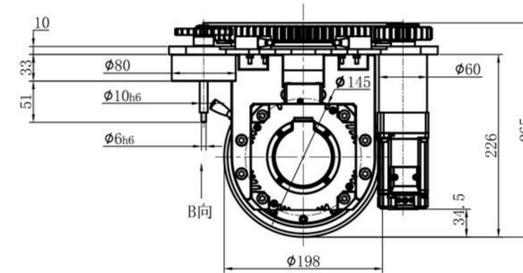
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行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1500/3000
电压 Voltage(V)	48
电流 Current(A)	42/79
转速 Speed(rpm)	3000
减速比 Ratio(i)	32
承载 Load capacity(kg)	1500
IP等级 IP grade	65

TEC-198P 舵轮 (Drive wheel)



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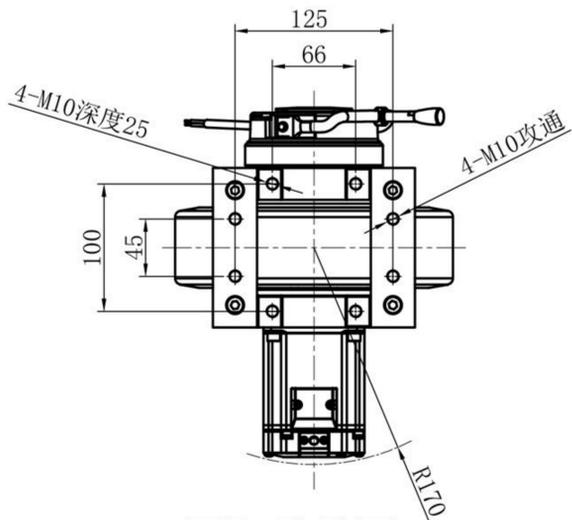
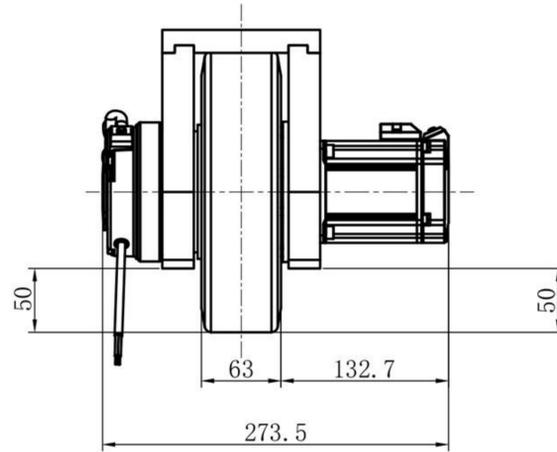
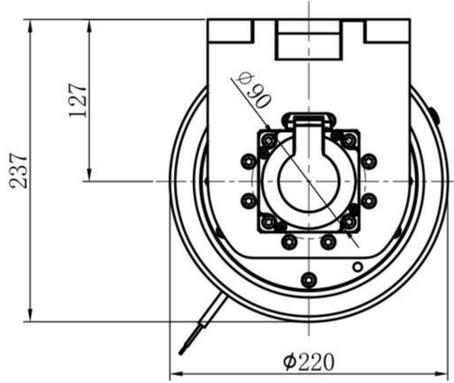
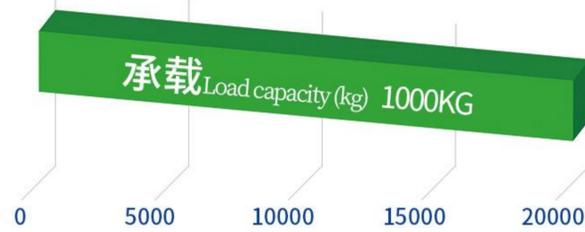
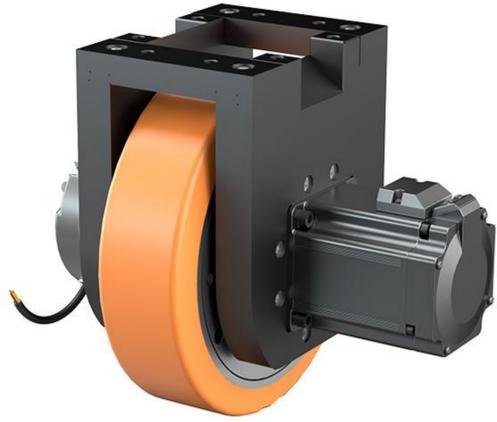
转向部分参数 Steering parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件: (Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch, Home Switch, External Encoder, Potentionmeter

TEC-220P 行走轮 (Traction system)



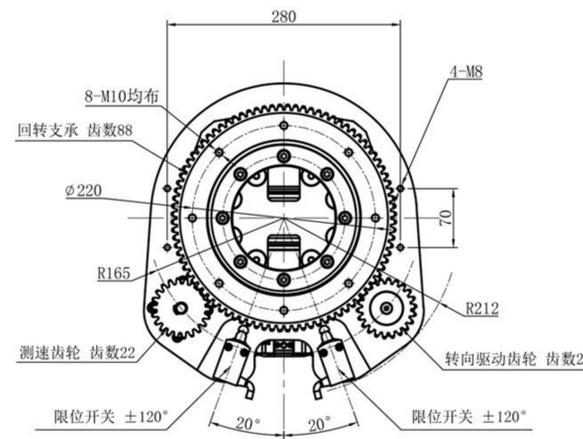
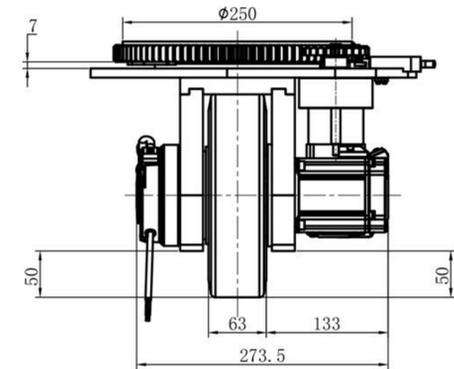
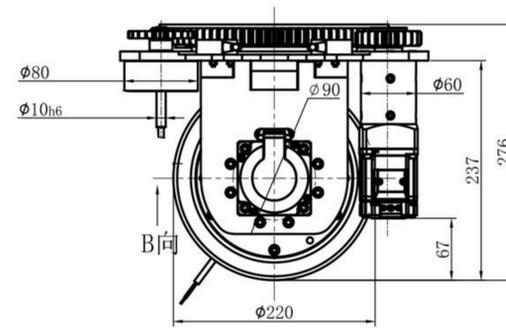
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行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	750/1000
电压 Voltage(V)	48
电流 Current(A)	19.6/27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	32/40
承载 Load capacity(kg)	1000
IP等级 IP grade	65

TEC-220P 舵轮 (Drive wheel)



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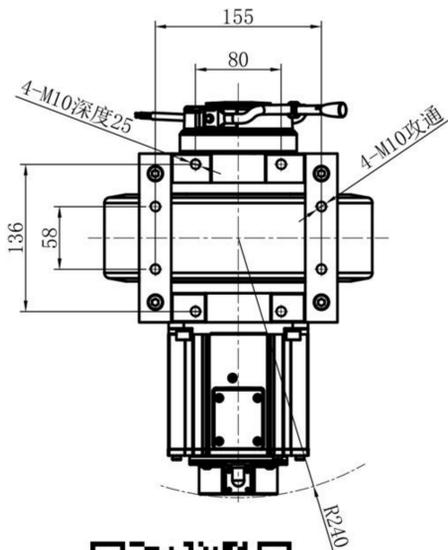
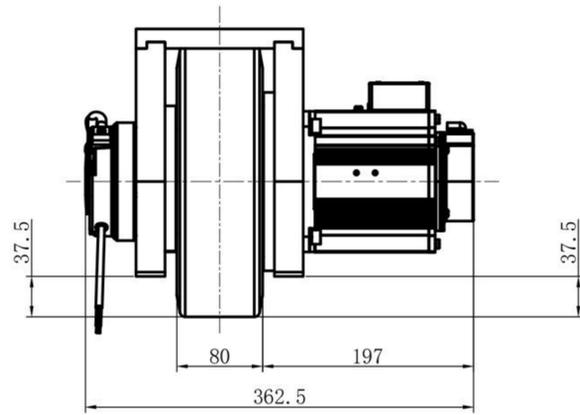
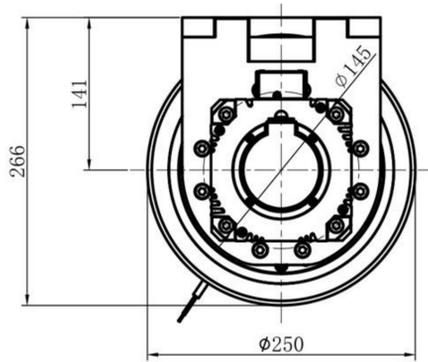
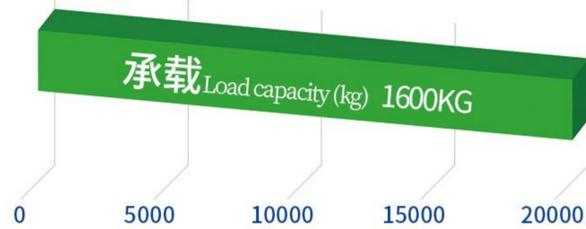
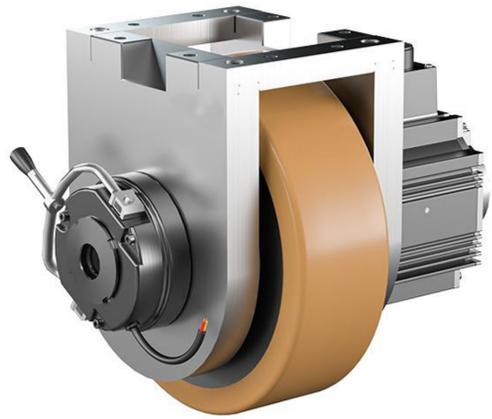


转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	6
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch, Home Switch, External Encoder, Potentionmeter

TEC-250P 行走轮 (Traction system)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1500/2000
电压 Voltage(V)	48
电流 Current(A)	42/53
转速 Speed(rpm)	2000
减速比 Ratio(i)	27/40
承载 Load capacity(kg)	1600
IP等级 IP grade	65

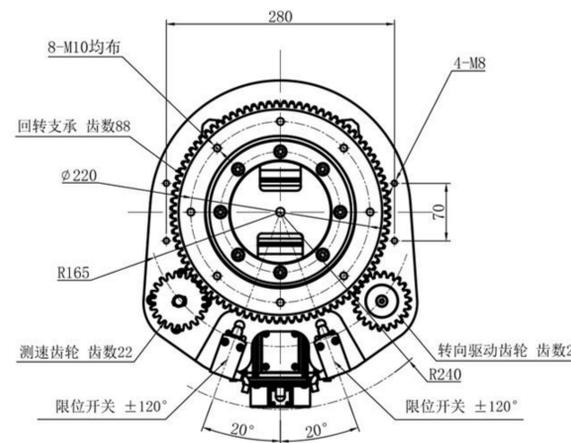
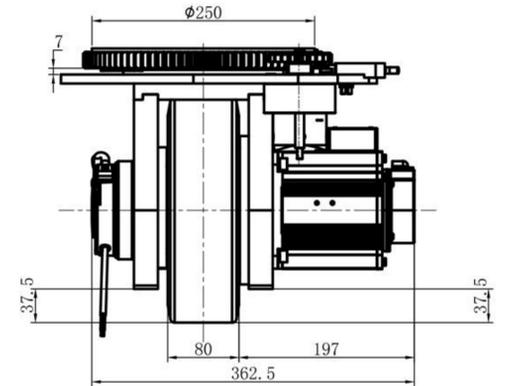
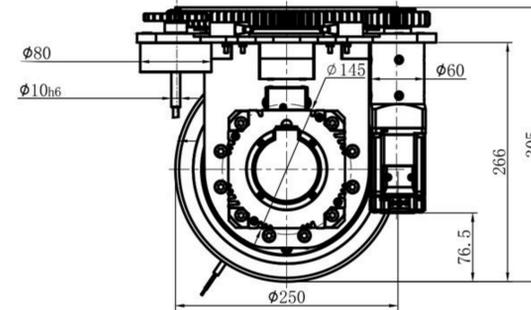


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TEC-250P 舵轮 (Drive wheel)



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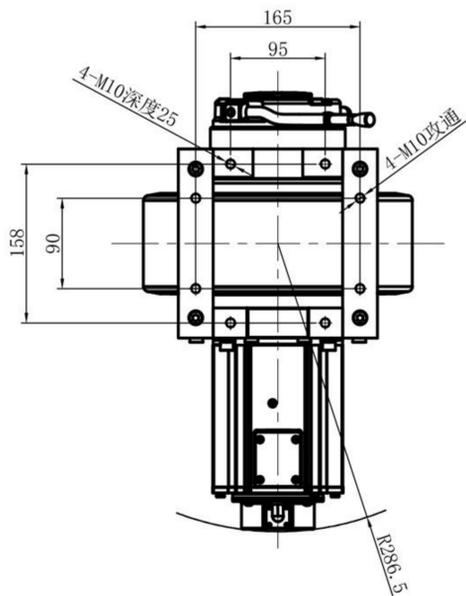
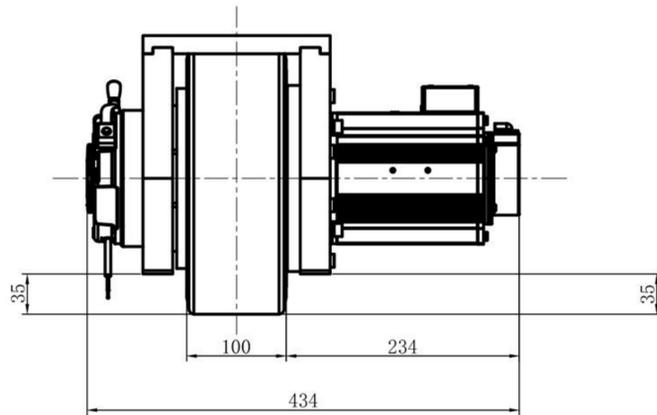
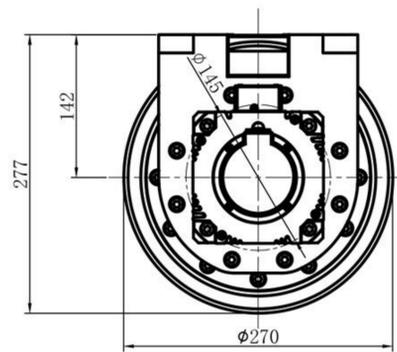
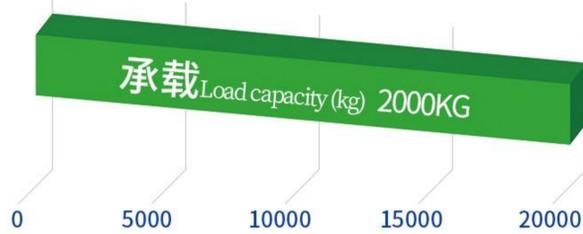
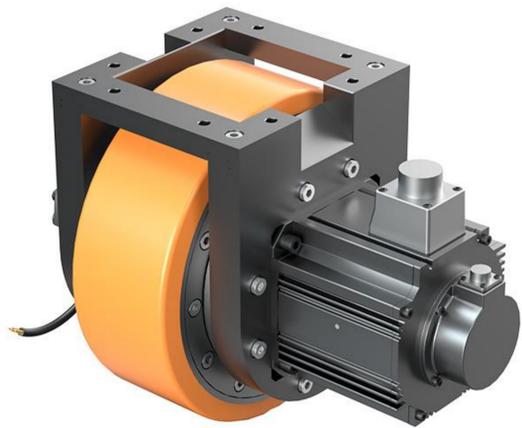
转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器

Limit Switch, Home Switch, External Encoder, Potentionmeter

TEC-270P 行走轮 (Traction system)

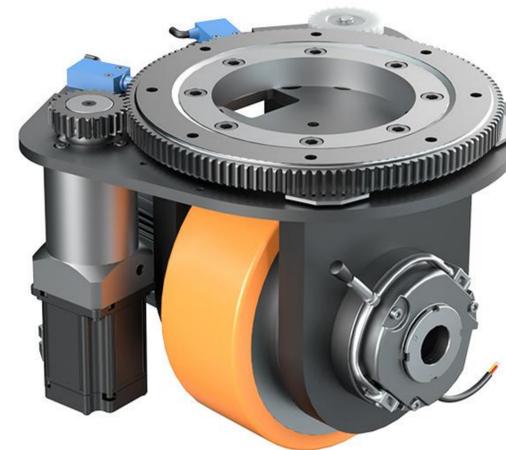


行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	2500
电压 Voltage(V)	48
电流 Current(A)	75
转速 Speed(rpm)	3000
减速比 Ratio(i)	28/40
承载 Load capacity(kg)	2000
IP等级 IP grade	65

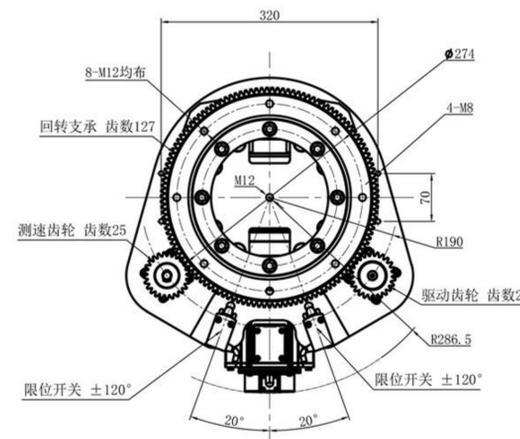
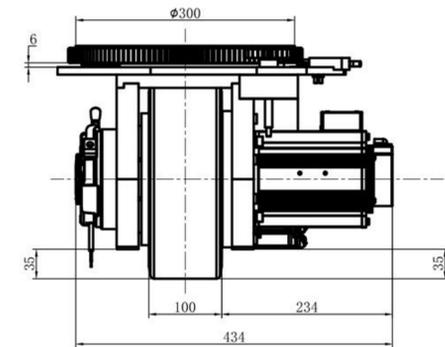
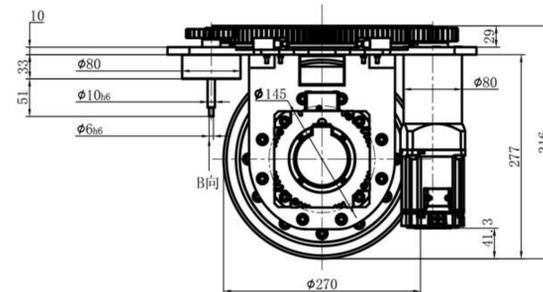


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TEC-270P 舵轮 (Drive wheel)



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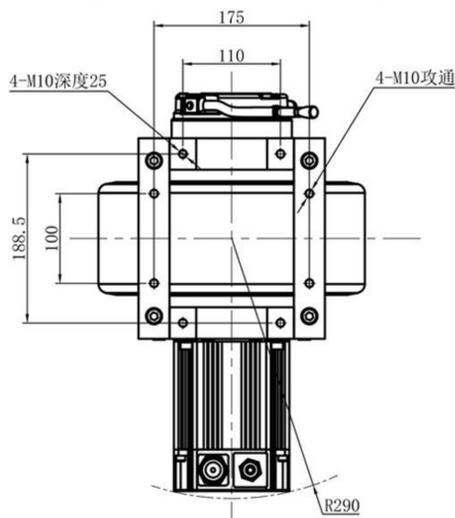
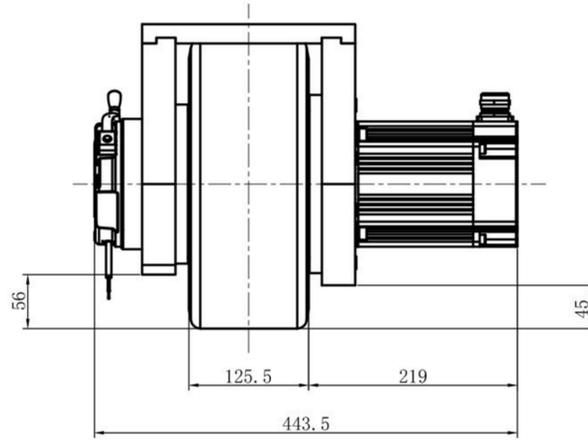
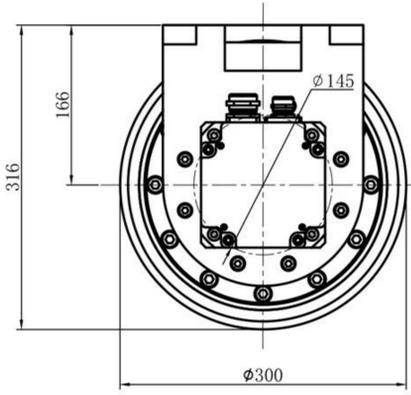
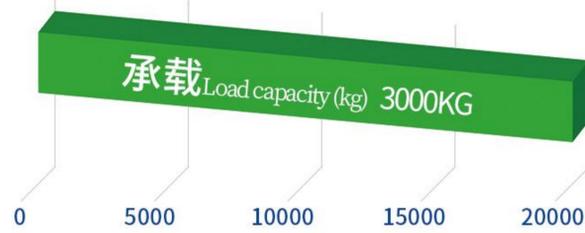
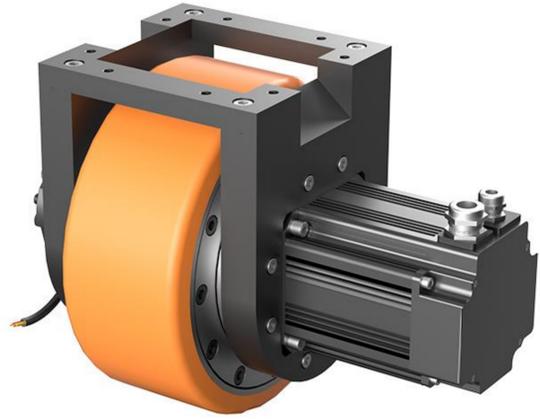


转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	750
电压 Voltage(V)	48
电流 Current(A)	19.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件: (Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-300P 行走轮 (Traction system)

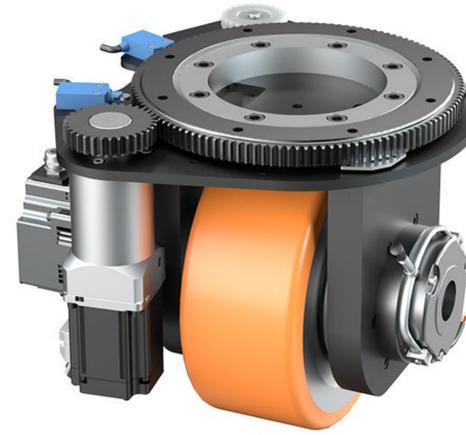


行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000/4000
电压 Voltage(V)	48
电流 Current(A)	79/134
转速 Speed(rpm)	2500
减速比 Ratio(i)	21/40
承载 Load capacity(kg)	3000
IP等级 IP grade	65

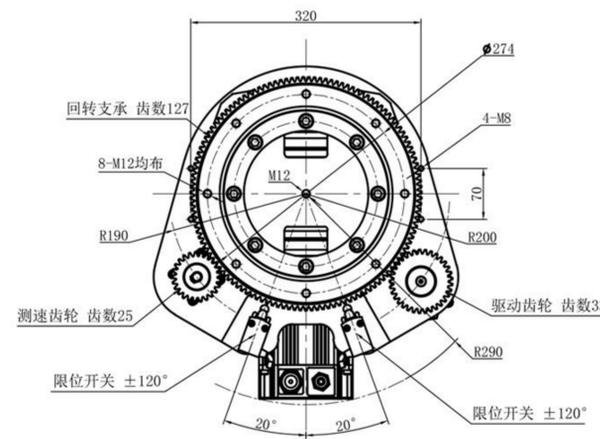
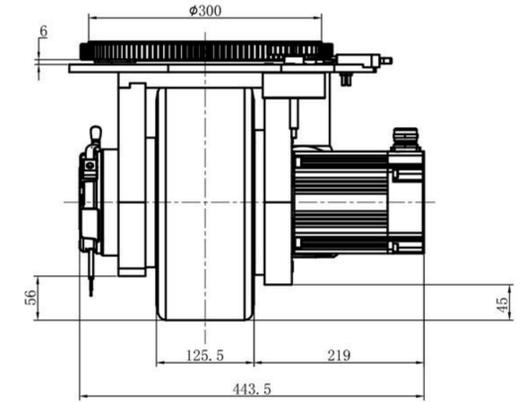
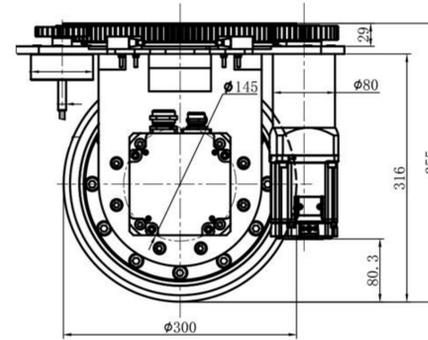


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TEC-300P 舵轮 (Drive wheel)



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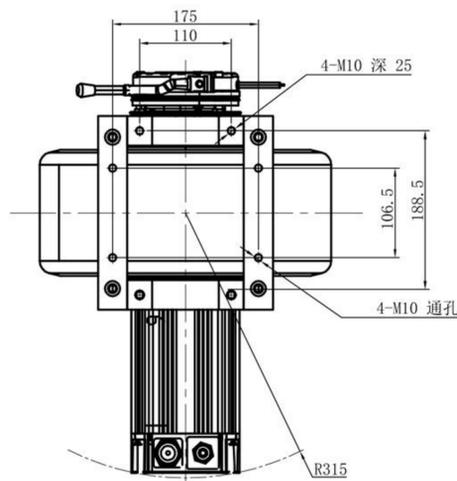
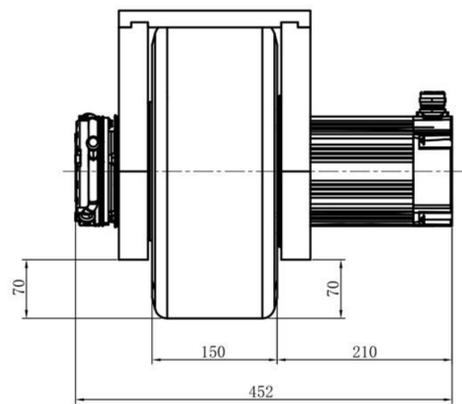
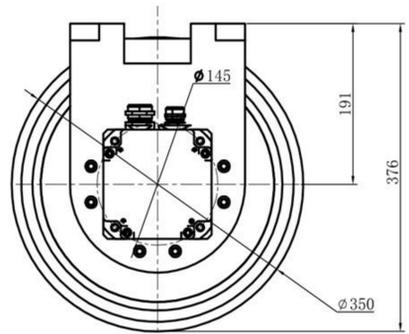
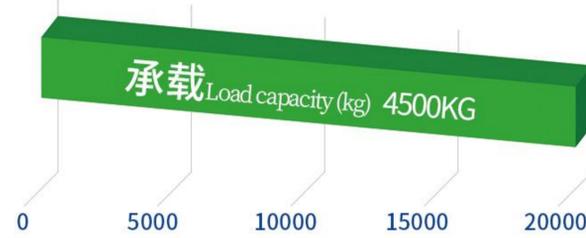
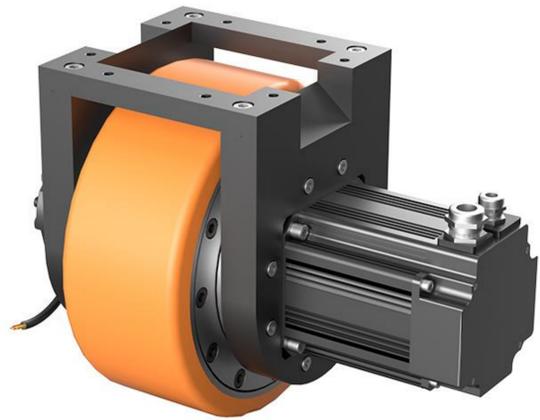


转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	700
电压 Voltage(V)	48
电流 Current(A)	19
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-350P 行走轮 (Traction system)

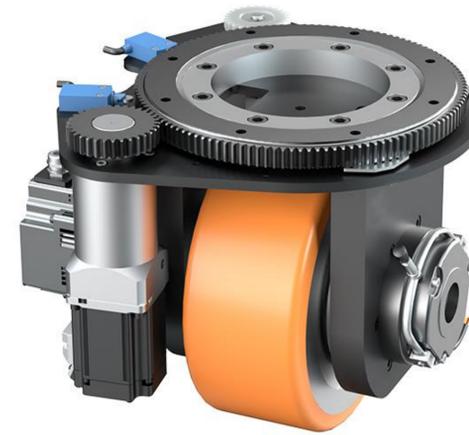


行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3600
电压 Voltage(V)	48
电流 Current(A)	89
转速 Speed(rpm)	3000
减速比 Ratio(i)	32
承载 Load capacity(kg)	4500
IP等级 IP grade	65

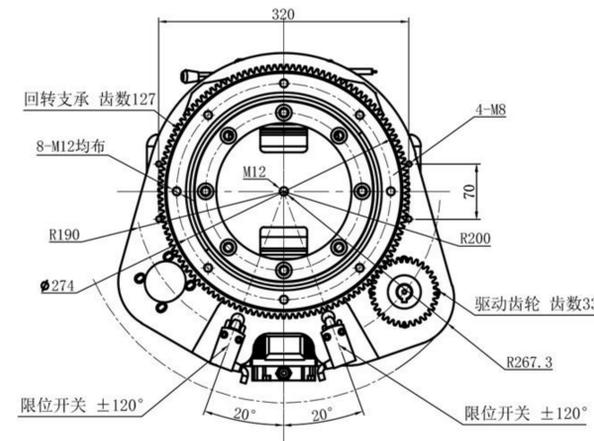
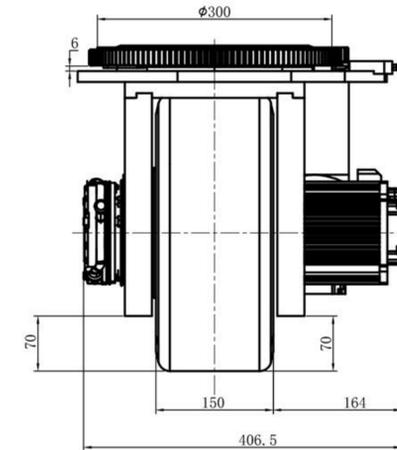
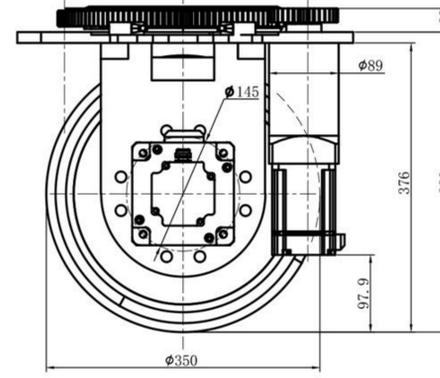


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TEC-350P 舵轮 (Drive wheel)



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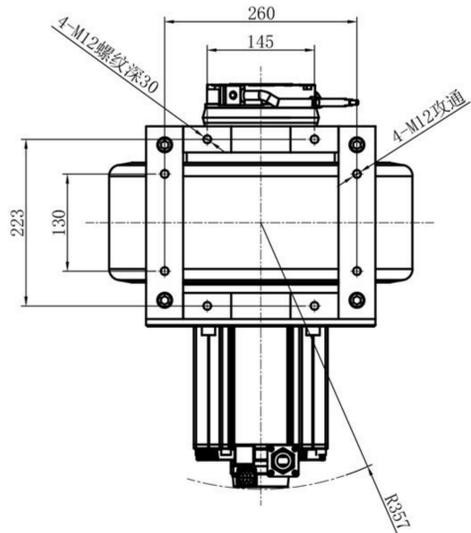
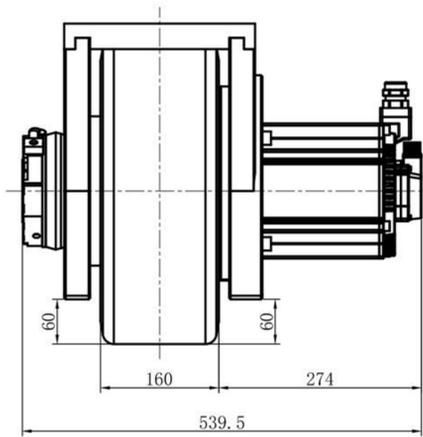
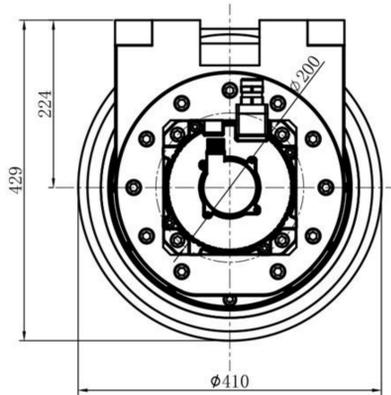
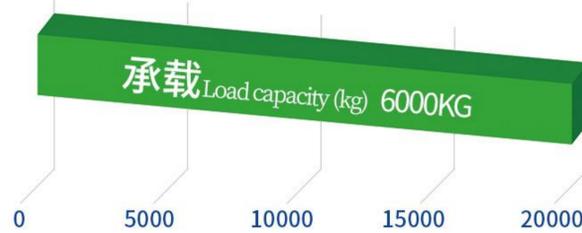
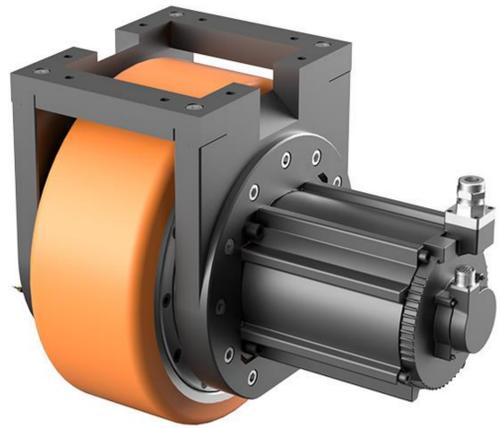
转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3600
电压 Voltage(V)	75
电流 Current(A)	61
转速 Speed(rpm)	3000
减速比 Ratio(i)	21
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-410P 行走轮 (Traction system)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	5800/7500
电压 Voltage(V)	48
电流 Current(A)	151/195
转速 Speed(rpm)	2000
减速比 Ratio(i)	40/70
承载 Load capacity(kg)	6000
IP等级 IP grade	65

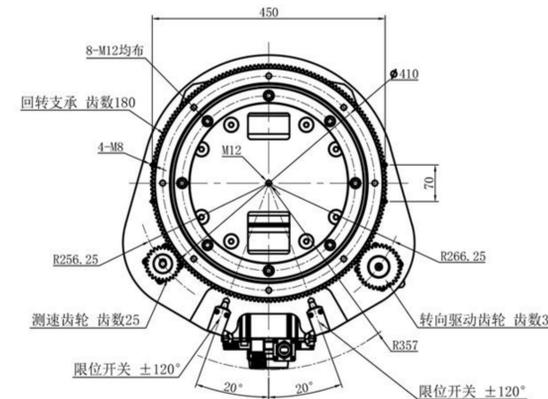
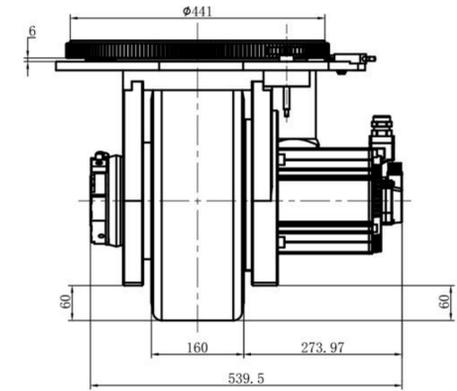
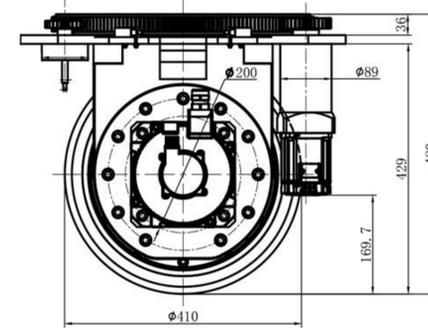


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TEC-410P 舵轮 (Drive wheel)



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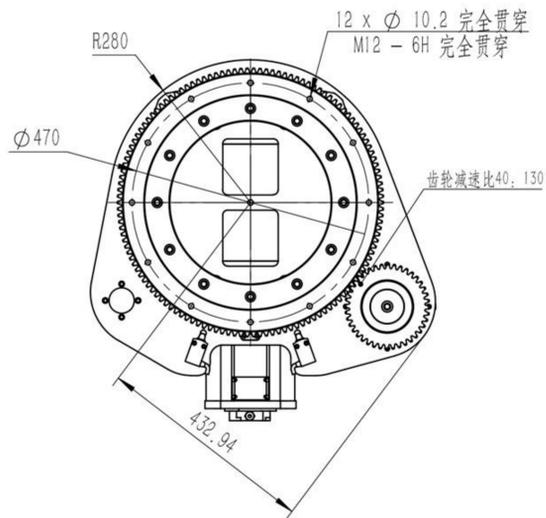
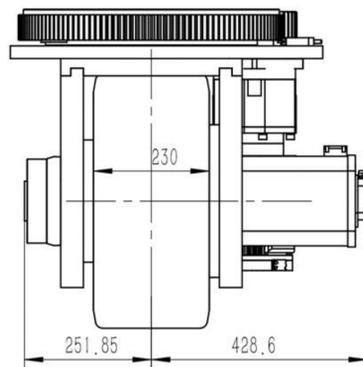
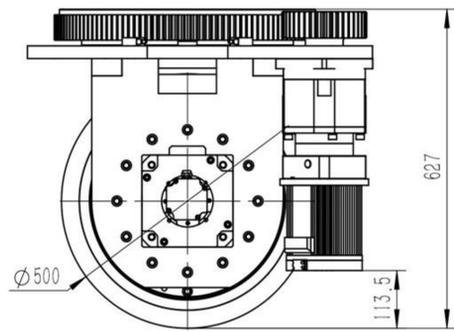
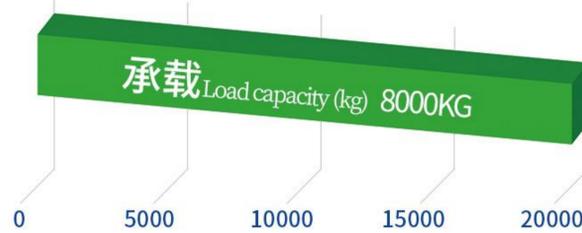


转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	48
电流 Current(A)	30
转速 Speed(rpm)	3000
减速比 Ratio(i)	64
IP等级 IP grade	65

可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter

TEC-500P 舵轮 (Drive wheel)



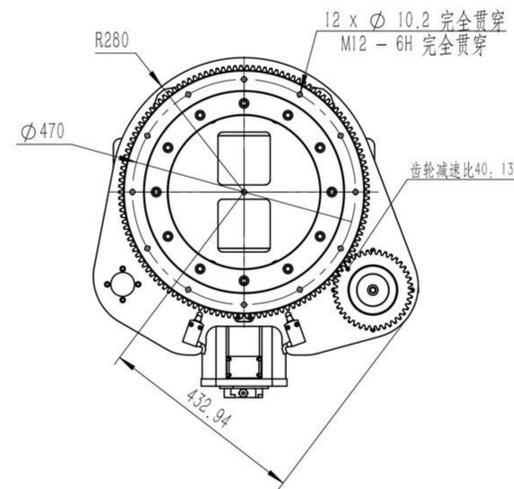
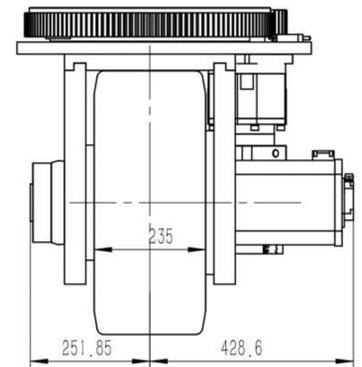
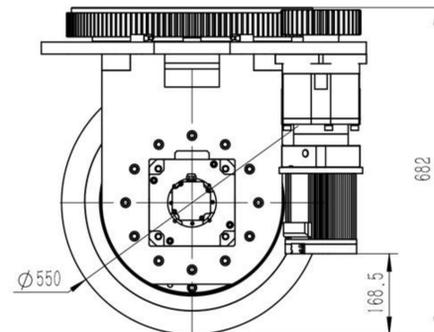
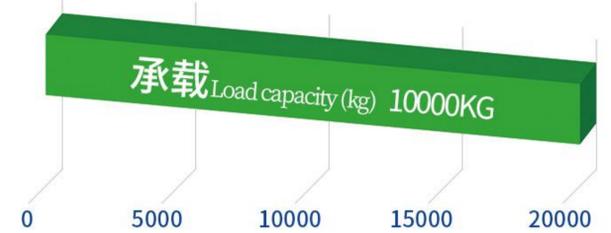
行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	7500
电压 Voltage(V)	72
电流 Current(A)	150
转速 Speed(rpm)	2000
减速比 Ratio(i)	120
承载 Load capacity(kg)	8000
IP等级 IP grade	54

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000
电压 Voltage(V)	72
电流 Current(A)	55
转速 Speed(rpm)	3000
减速比 Ratio(i)	80
IP等级 IP grade	54



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TEC-550P 舵轮 (Drive wheel)



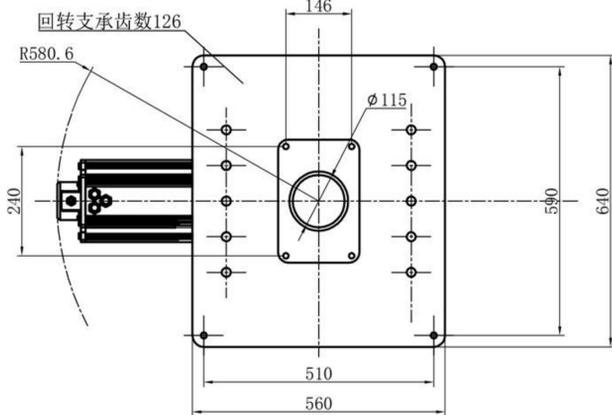
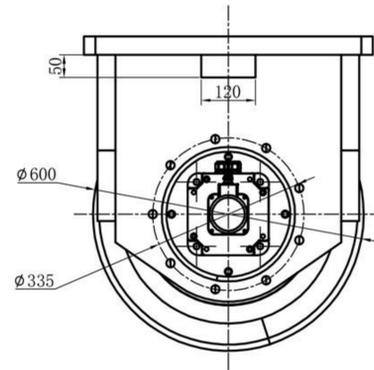
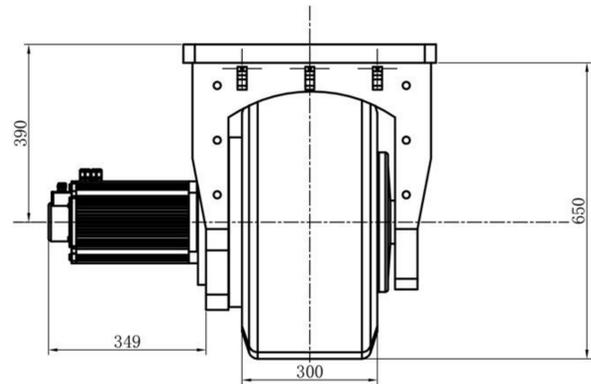
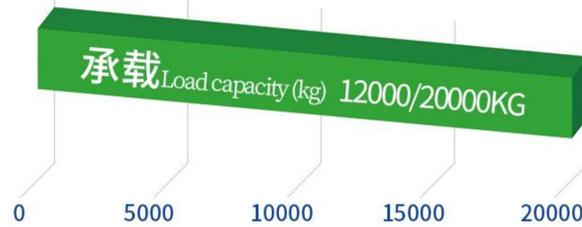
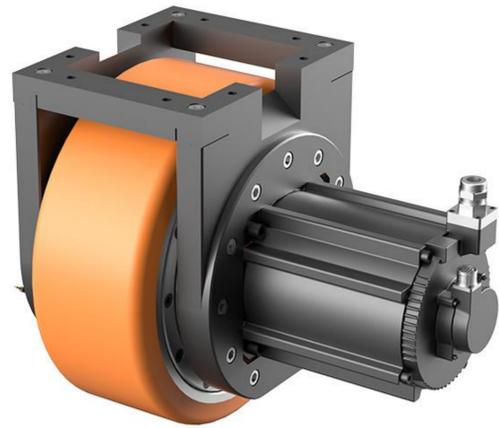
行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	7500
电压 Voltage(V)	72
电流 Current(A)	150
转速 Speed(rpm)	2000
减速比 Ratio(i)	120
承载 Load capacity(kg)	10000
IP等级 IP grade	54

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000
电压 Voltage(V)	72
电流 Current(A)	55
转速 Speed(rpm)	3000
减速比 Ratio(i)	80
IP等级 IP grade	54



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### TEC-600P 行走轮 (Traction system)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	8000/9000
电压 Voltage(V)	48/72/80
电流 Current(A)	208/135/125/234/156/140
转速 Speed(rpm)	1500
减速比 Ratio(i)	40/70
承载 Load capacity(kg)	12000/20000
IP等级 IP grade	65

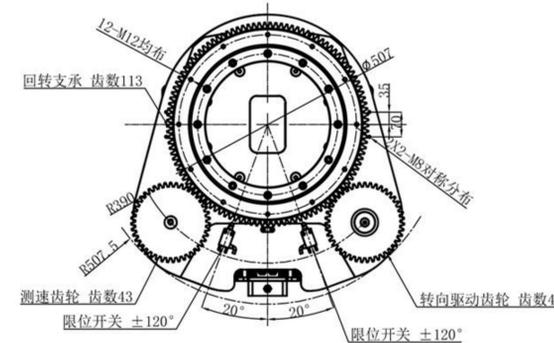
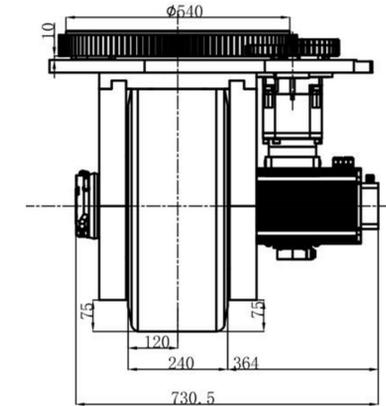
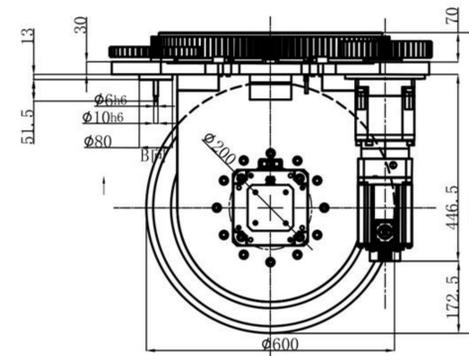


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### TEC-600P 舵轮 (Drive wheel)



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转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000
电压 Voltage(V)	48/72/80
电流 Current(A)	79/55/46
转速 Speed(rpm)	1500/3000
减速比 Ratio(i)	80/120
IP等级 IP grade	65

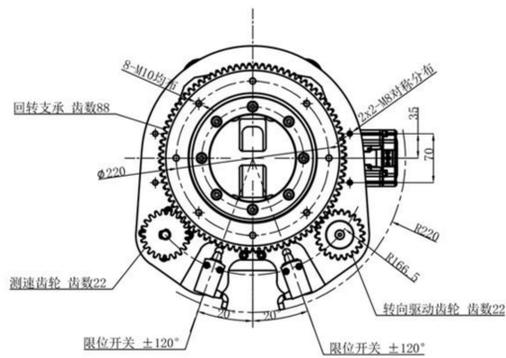
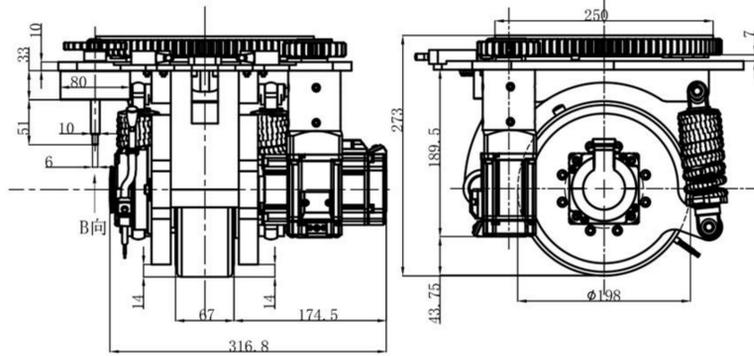
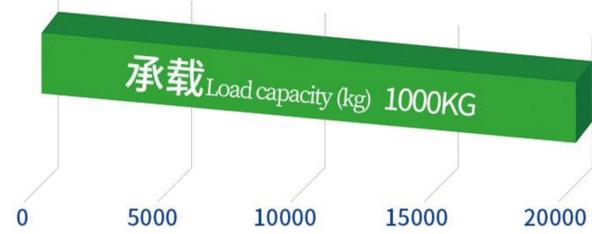
可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter



### TEC-198P 舵轮 (Drive wheel with shock absorber)



行走轮部分参数 Traction parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	1500
电压 Voltage(V)	48
电流 Current(A)	42
转速 Speed(rpm)	3000
减速比 Ratio(i)	32
承载 Load capacity(kg)	1000
IP等级 IP grade	65

转向电机参数 Steering motor parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

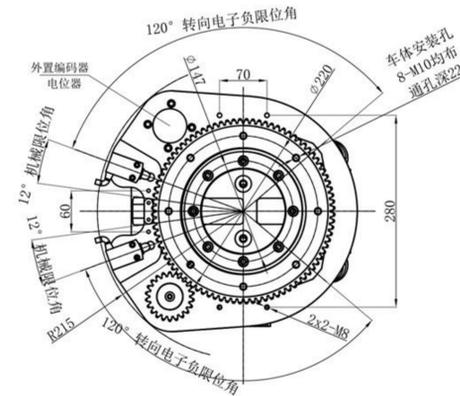
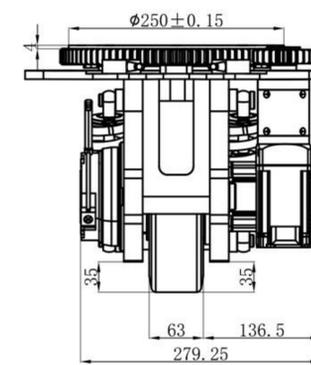
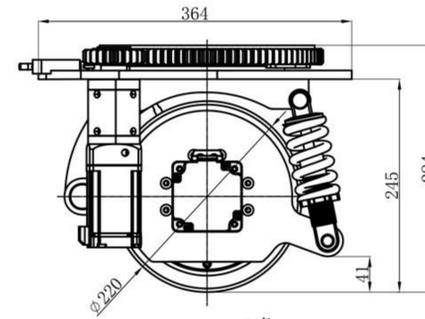
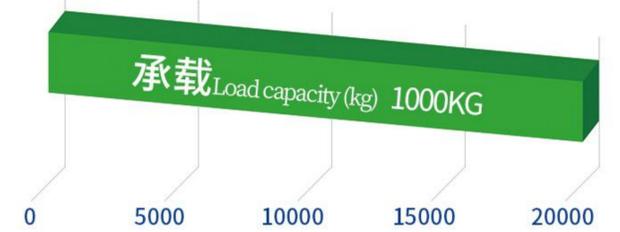
限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter



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### TEC-220P 舵轮 (Drive wheel with shock absorber)



行走轮部分参数 Traction parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	1500
电压 Voltage(V)	48
电流 Current(A)	42
转速 Speed(rpm)	3000
减速比 Ratio(i)	40
承载 Load capacity(kg)	1000
IP等级 IP grade	65

转向电机参数 Steering motor parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	200
IP等级 IP grade	65

可选用配件:(Optional accessories)

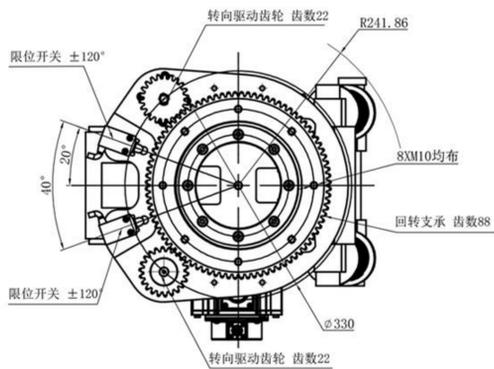
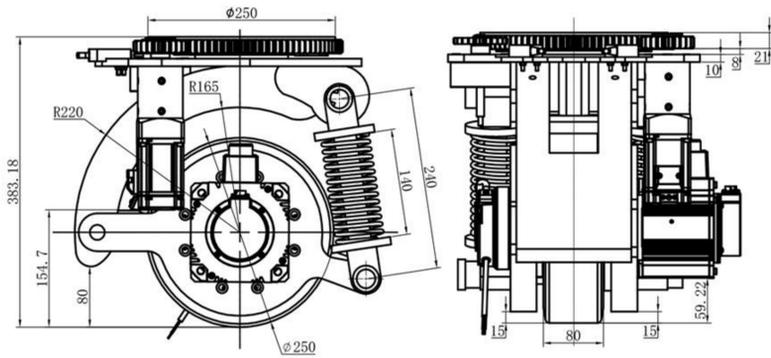
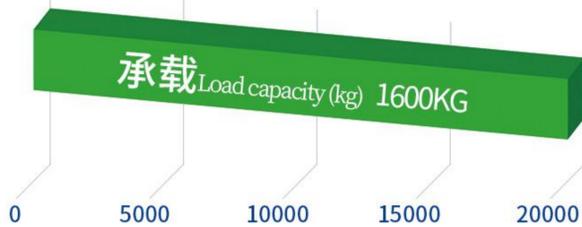
限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter



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TEC-250P 舵轮 (Drive wheel with shock absorber)



行走轮部分参数 Traction parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	1500
电压 Voltage(V)	48
电流 Current(A)	42
转速 Speed(rpm)	3000
减速比 Ratio(i)	40
承载 Load capacity(kg)	1600
IP等级 IP grade	65

转向电机参数 Steering motor parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

减震数据: (Shock absorption data)

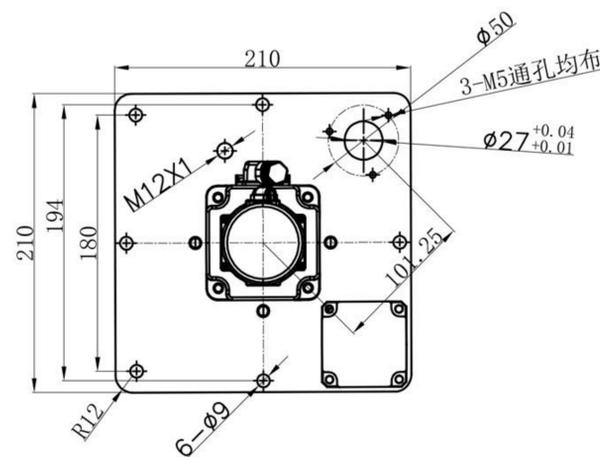
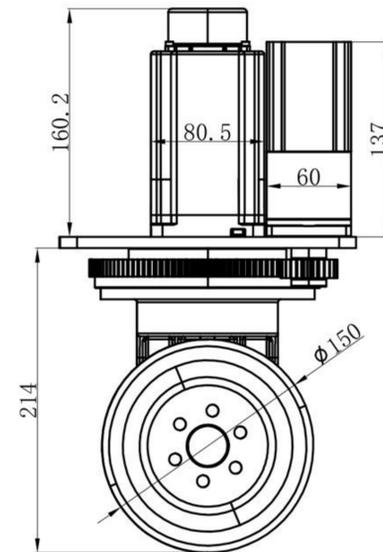
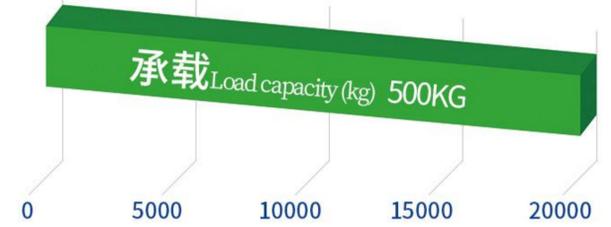
类型: 弹簧减震 Type: Spring shock absorber

弹性系数 Elastic coefficient	17.8	kg/mm
有效行程 Effective itinerary	mm	0-40



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TEC-150P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	750
电压 Voltage(V)	48
电流 Current(A)	19.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	22.5
承载 Load capacity(kg)	500
IP等级 IP grade	65

转向电机参数 Steering motor parameters

电机类型 Series	PMAC/DC/AC
功率 Power(w)	200
电压 Voltage(V)	48
电流 Current(A)	6
转速 Speed(rpm)	3000
减速比 Ratio(i)	40
IP等级 IP grade	65

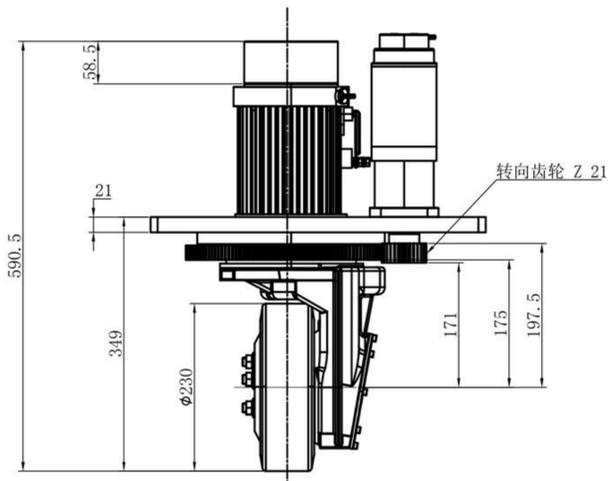
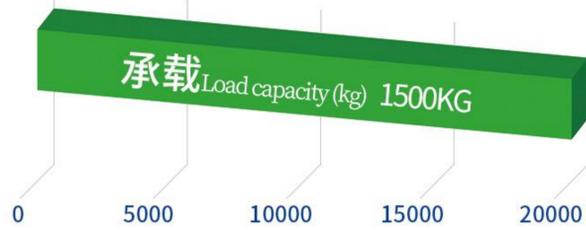
可选用配件: (Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter



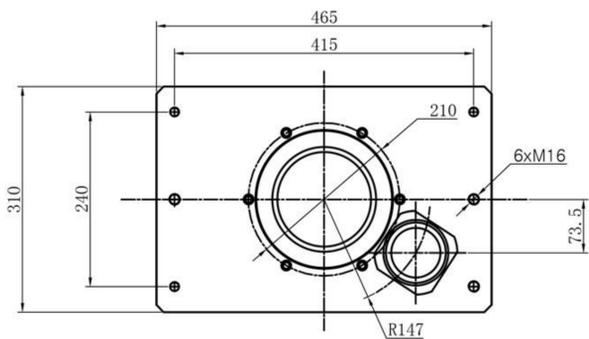
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TEC-230P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1500
电压 Voltage(V)	24/48
电流 Current(A)	78/42
转速 Speed(rpm)	2500/3200
减速比 Ratio(i)	30
承载 Load capacity(kg)	1500
IP等级 IP grade	65

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400/650
电压 Voltage(V)	24/48
电流 Current(A)	22/11.5/33.8/16.9
转速 Speed(rpm)	3000/3500
减速比 Ratio(i)	33.92/50
IP等级 IP grade	65



可选用配件:(Optional accessories)

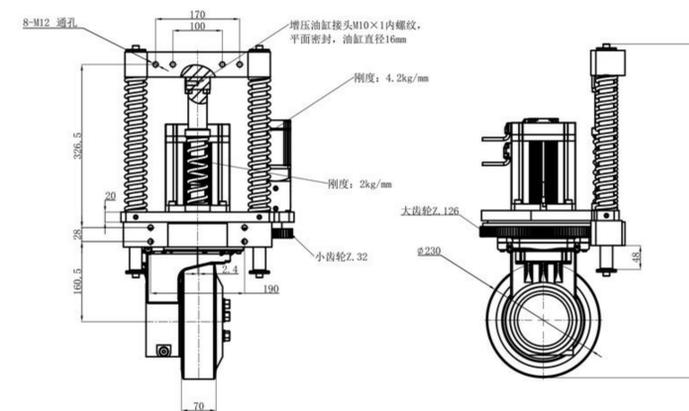
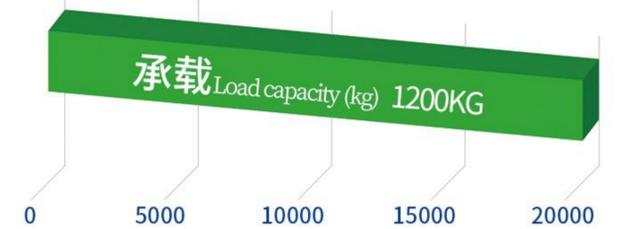
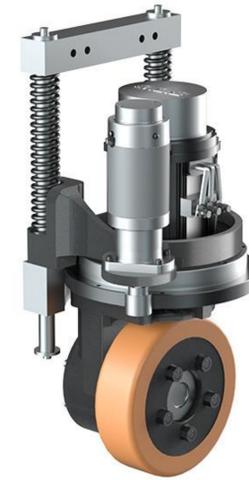
限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter



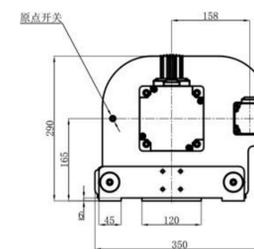
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TEC-230P 减震舵轮 (Drive wheel with shock absorber)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	2500
电压 Voltage(V)	48
电流 Current(A)	75
转速 Speed(rpm)	3000
减速比 Ratio(i)	30
承载 Load capacity(kg)	1200
IP等级 IP grade	65

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65



可选用配件:(Optional accessories)

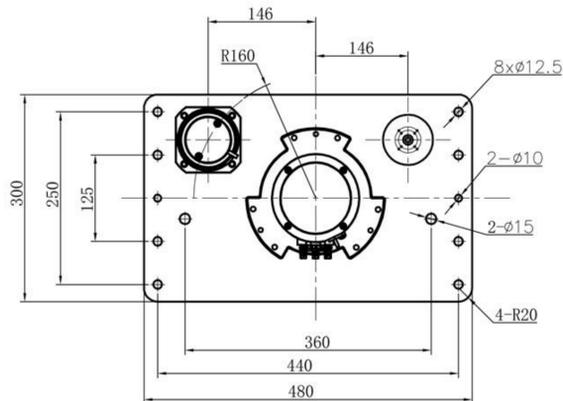
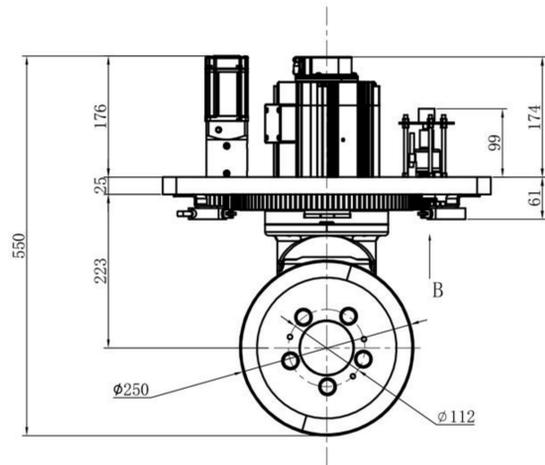
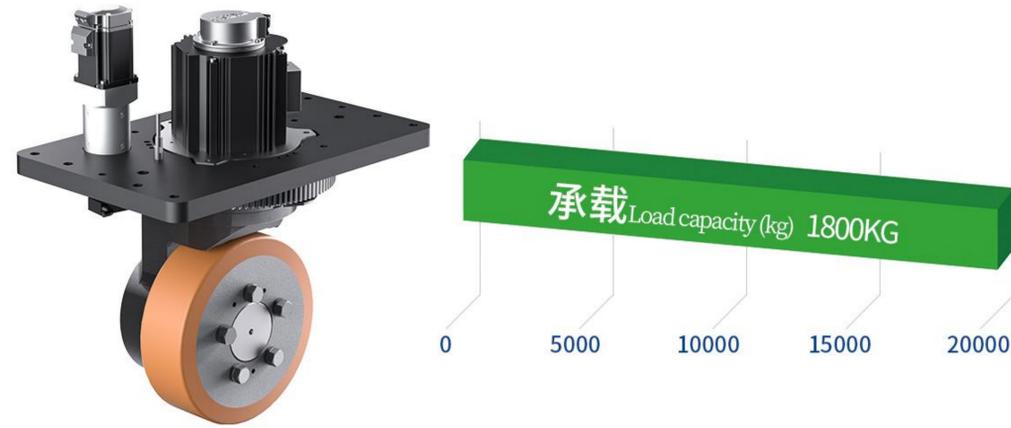
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Limit Switch、Home Switch、External Encoder、Potentionmeter



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TEC-250P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1600/2500
电压 Voltage(V)	24/48
电流 Current(A)	83/41.6/130/75
转速 Speed(rpm)	2500
减速比 Ratio(i)	19
承载 Load capacity(kg)	1800
IP等级 IP grade	65

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400/650
电压 Voltage(V)	24/48
电流 Current(A)	22/11.5/33.8/16.9
转速 Speed(rpm)	3000/3500
减速比 Ratio(i)	33.92/50
IP等级 IP grade	65

可选用配件:(Optional accessories)

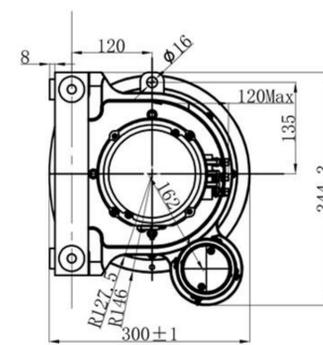
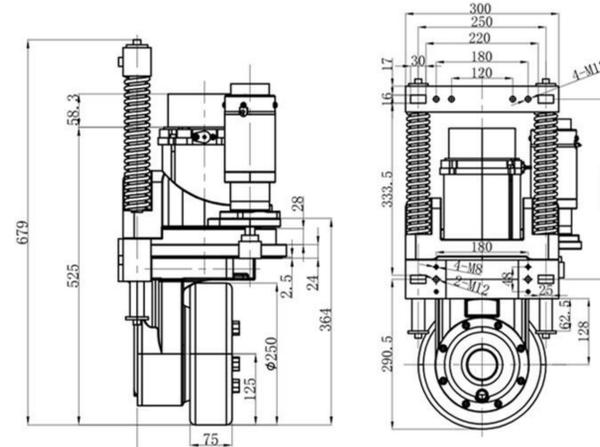
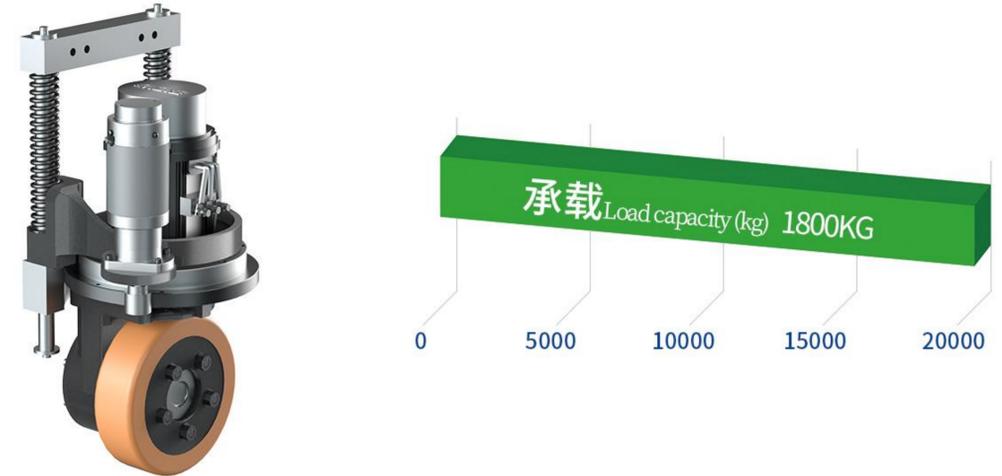
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Limit Switch、Home Switch、External Encoder、Potentionmeter



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TEC-250P减震舵轮 (Drive wheel with shock absorber)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1600/2500
电压 Voltage(V)	24/48
电流 Current(A)	83/41.6/130/75
转速 Speed(rpm)	2500
减速比 Ratio(i)	19
承载 Load capacity(kg)	1800
IP等级 IP grade	65

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400/650
电压 Voltage(V)	24/48
电流 Current(A)	22/11.5/33.8/16.9
转速 Speed(rpm)	3000/3500
减速比 Ratio(i)	33.92/50
IP等级 IP grade	65

可选用配件:(Optional accessories)

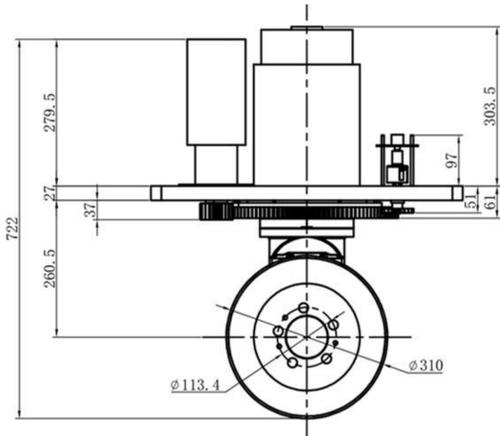
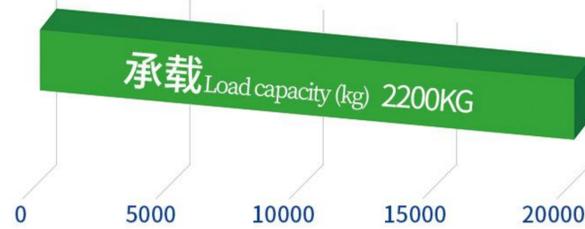
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Limit Switch、Home Switch、External Encoder、Potentionmeter



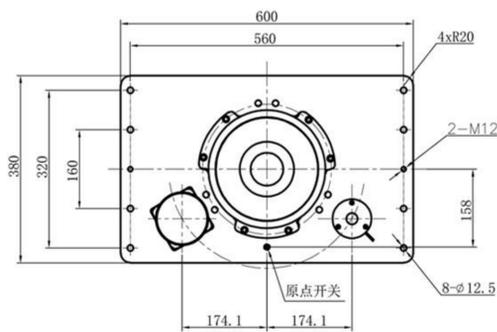
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TEC-310P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000
电压 Voltage(V)	24/48
电流 Current(A)	156/79
转速 Speed(rpm)	2500
减速比 Ratio(i)	23
承载 Load capacity(kg)	2200
IP等级 IP grade	65

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	600
电压 Voltage(V)	24/48
电流 Current(A)	31/17.5
转速 Speed(rpm)	2275/2500
减速比 Ratio(i)	45/50
IP等级 IP grade	65



可选用配件:(Optional accessories)

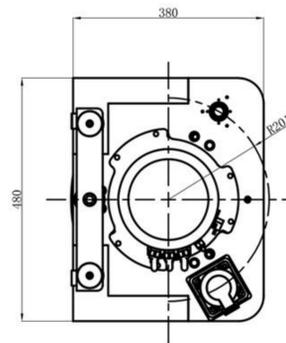
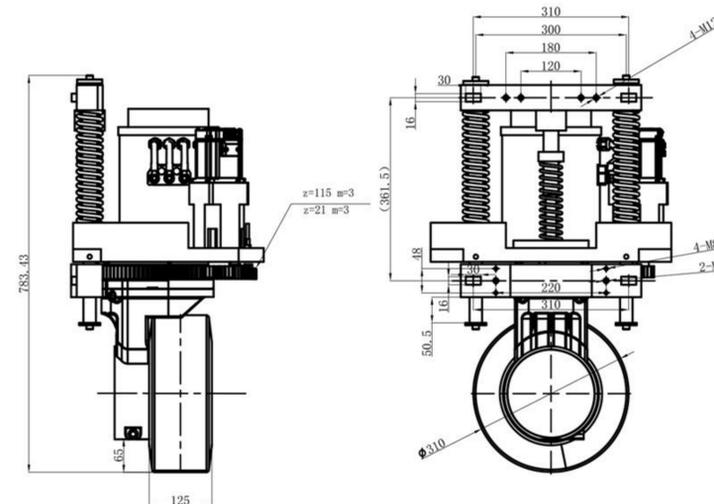
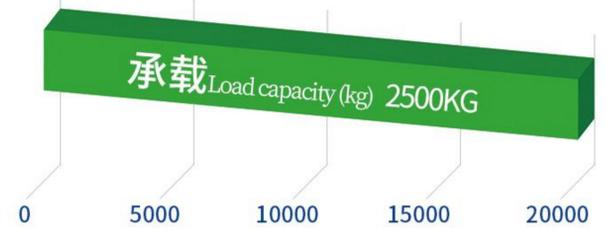
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Limit Switch, Home Switch, External Encoder, Potentionmeter



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TEC-310P 减震舵轮 (Drive wheel with shock absorber)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000
电压 Voltage(V)	48
电流 Current(A)	156
转速 Speed(rpm)	2500
减速比 Ratio(i)	23
承载 Load capacity(kg)	2500
IP等级 IP grade	54

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	750
电压 Voltage(V)	48
电流 Current(A)	19.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

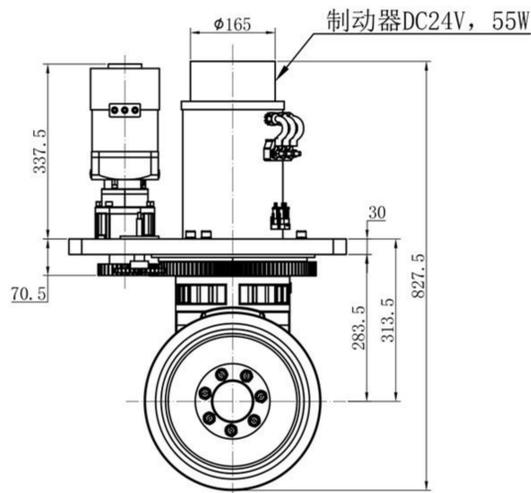
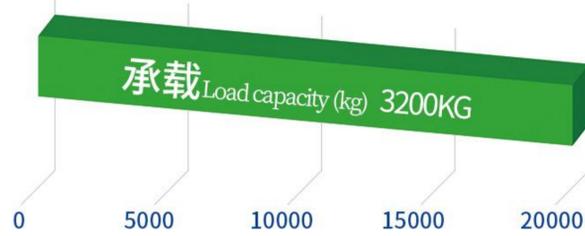
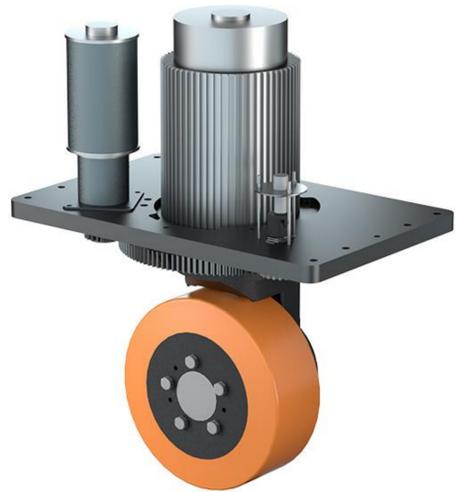
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Limit Switch, Home Switch, External Encoder, Potentionmeter

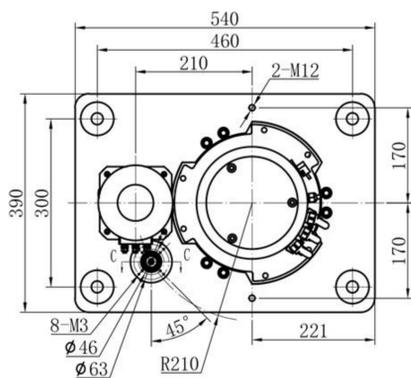


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TEC-343P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	6500
电压 Voltage(V)	48
电流 Current(A)	169
转速 Speed(rpm)	2800
减速比 Ratio(i)	20.2
承载 Load capacity(kg)	3200
IP等级 IP grade	65



转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1200
电压 Voltage(V)	48
电流 Current(A)	33
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

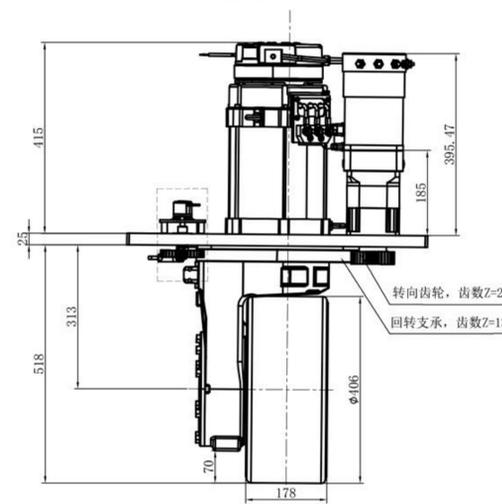
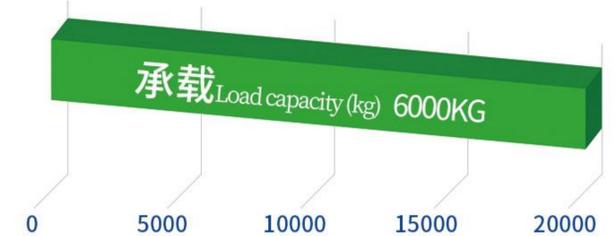
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Limit Switch, Home Switch, External Encoder, Potentionmeter

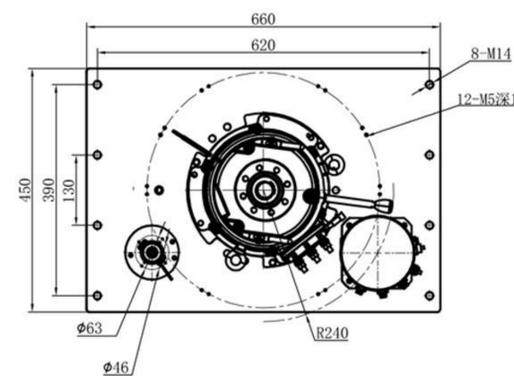


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TEC-406P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	8000
电压 Voltage(V)	48
电流 Current(A)	208
转速 Speed(rpm)	1420
减速比 Ratio(i)	24
承载 Load capacity(kg)	6000
IP等级 IP grade	65



转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	2000
电压 Voltage(V)	48
电流 Current(A)	53
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

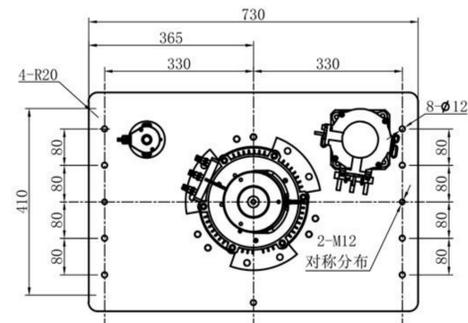
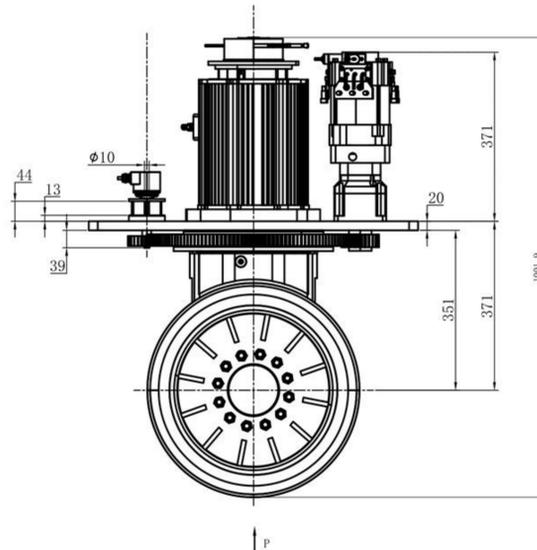
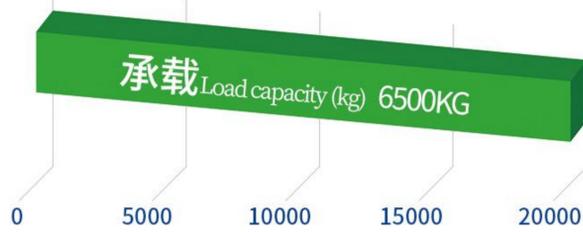
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Limit Switch, Home Switch, External Encoder, Potentionmeter



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TEC-457P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	10000
电压 Voltage(V)	80
电流 Current(A)	156
转速 Speed(rpm)	1200
减速比 Ratio(i)	23.32
承载 Load capacity(kg)	6500
IP等级 IP grade	54

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	2000
电压 Voltage(V)	80
电流 Current(A)	31
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	54

可选用配件:(Optional accessories)

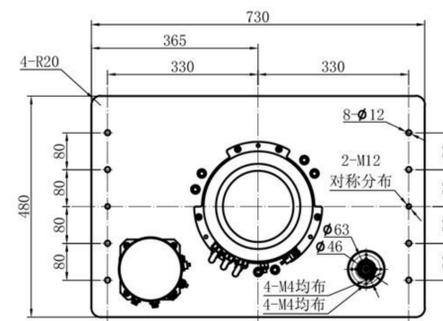
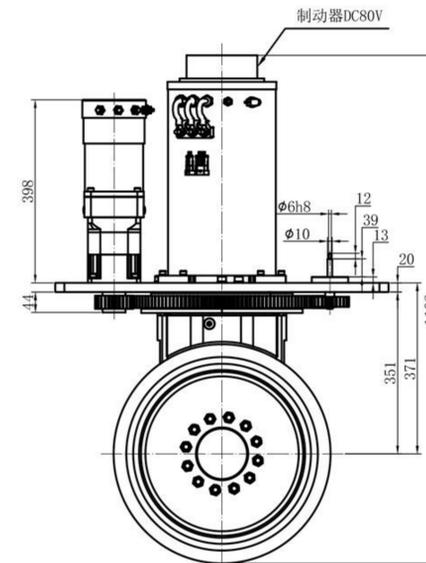
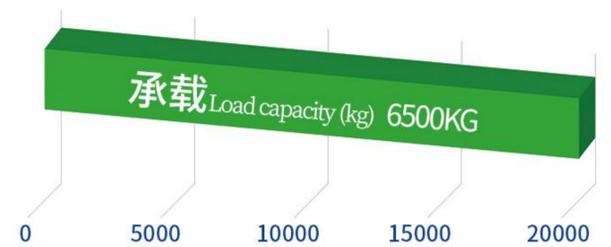
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Limit Switch, Home Switch, External Encoder, Potentionmeter



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TEC-470P 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	10000
电压 Voltage(V)	80
电流 Current(A)	156
转速 Speed(rpm)	1200
减速比 Ratio(i)	25
承载 Load capacity(kg)	6500
IP等级 IP grade	65

转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	3000
电压 Voltage(V)	80
电流 Current(A)	46.8
转速 Speed(rpm)	1500
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

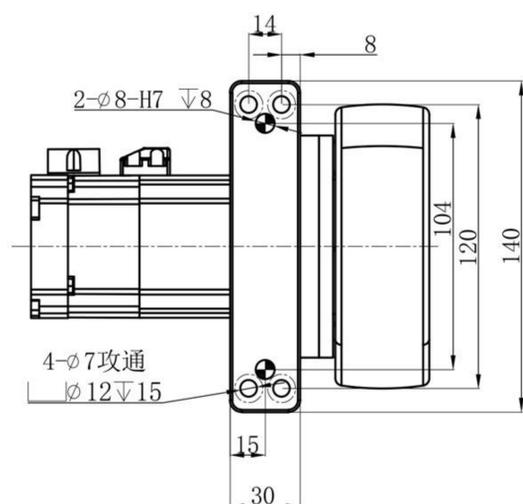
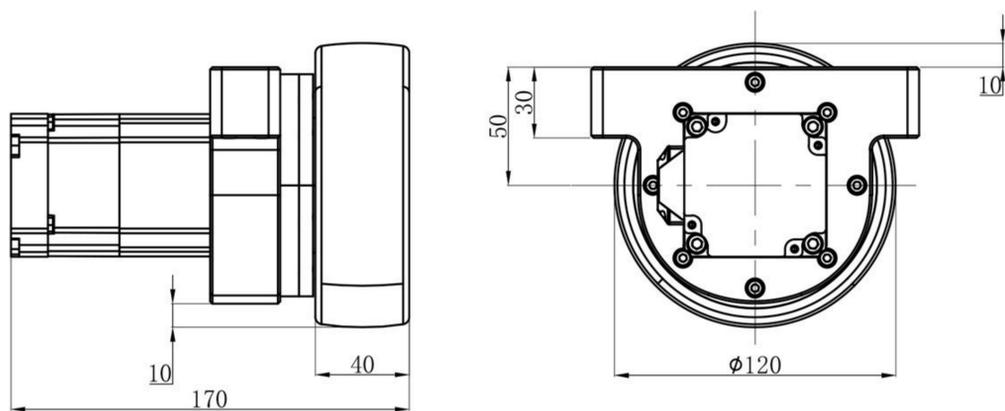
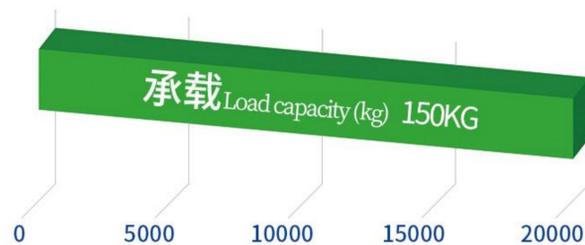
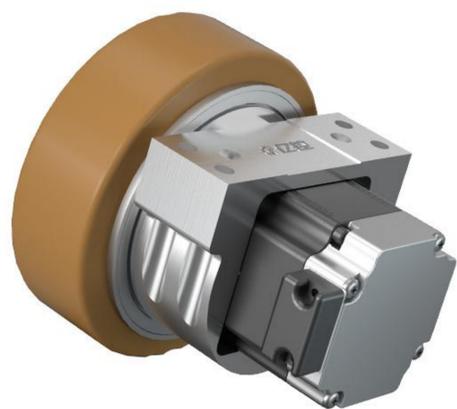
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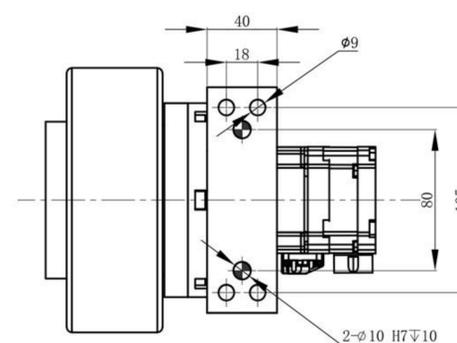
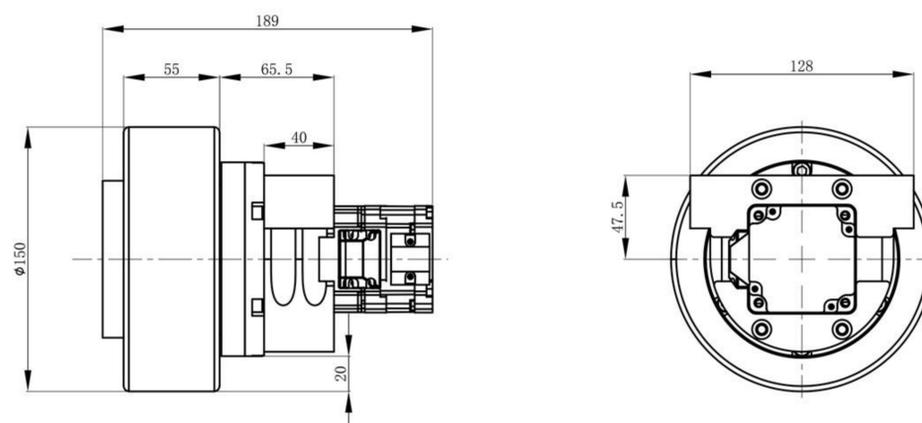
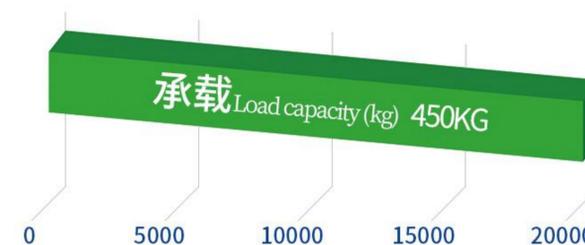
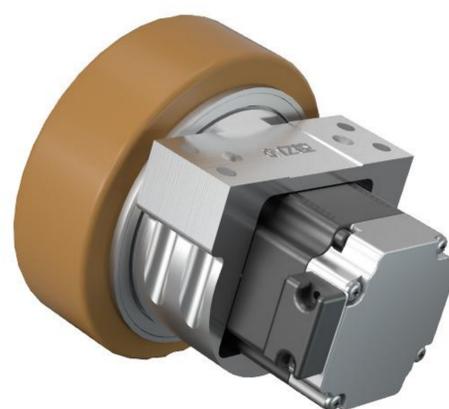
TEC-120P401SP



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电机类型 Series	伺服PMAC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	9
承载 Load capacity(kg)	150
IP等级 IP grade	65

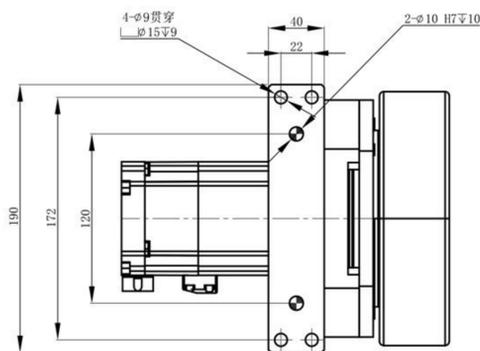
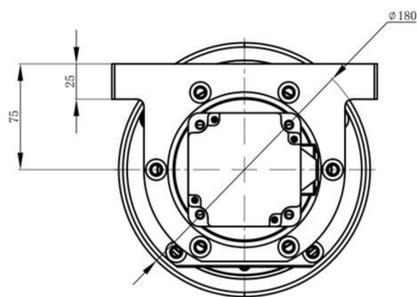
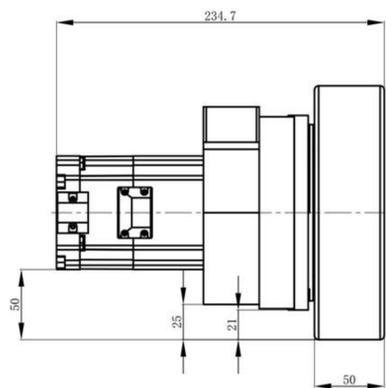
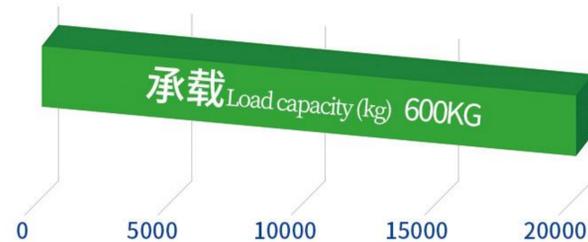
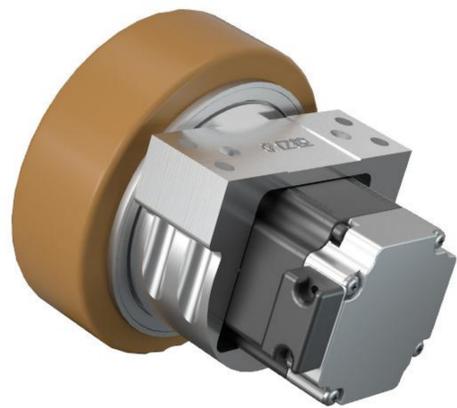
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电机类型 Series	伺服PMAC
功率 Power(w)	400
电压 Voltage(V)	24
电流 Current(A)	22
转速 Speed(rpm)	3000
减速比 Ratio(i)	15
承载 Load capacity(kg)	450
IP等级 IP grade	54

TEC-180P751SP

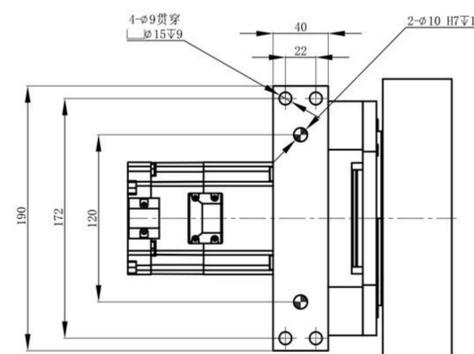
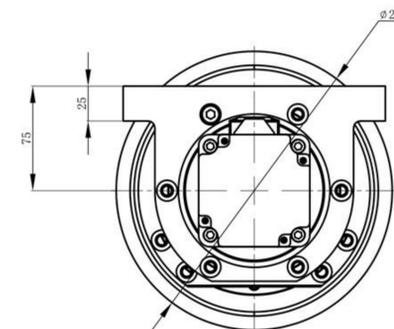
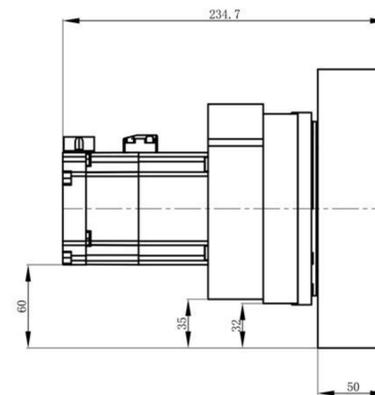
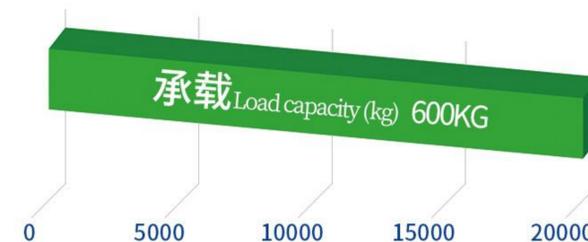
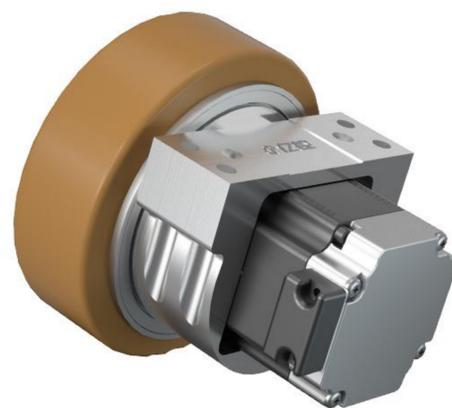


电机类型 Series	伺服PMAC
功率 Power(w)	750
电压 Voltage(V)	40
电流 Current(A)	23.4
转速 Speed(rpm)	3000
减速比 Ratio(i)	15
承载 Load capacity(kg)	600
IP等级 IP grade	65



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TEC-200P751SP

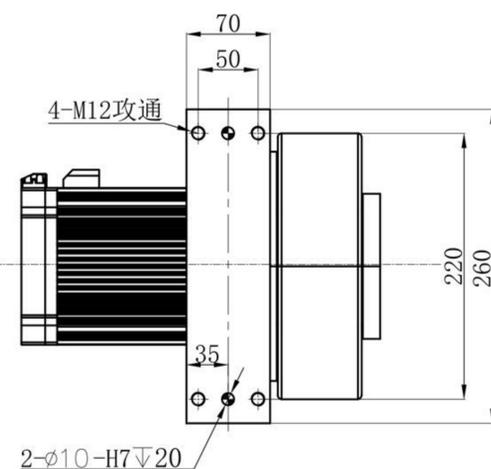
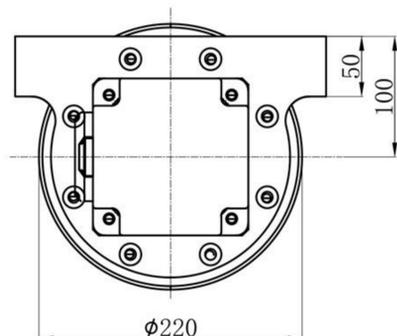
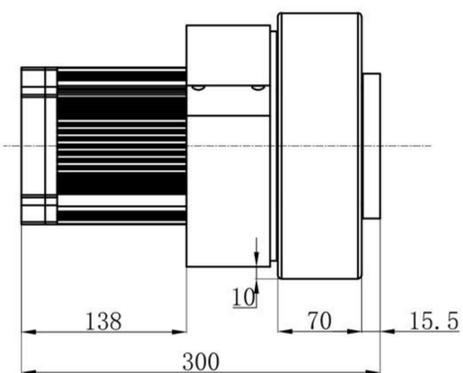
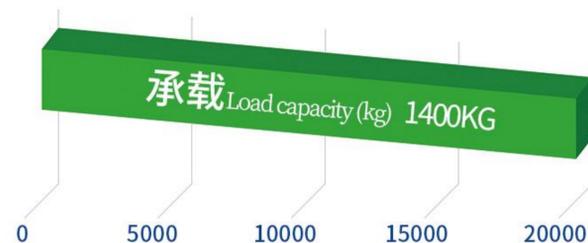


电机类型 Series	伺服PMAC
功率 Power(w)	750
电压 Voltage(V)	48
电流 Current(A)	19.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	15
承载 Load capacity(kg)	600
IP等级 IP grade	65



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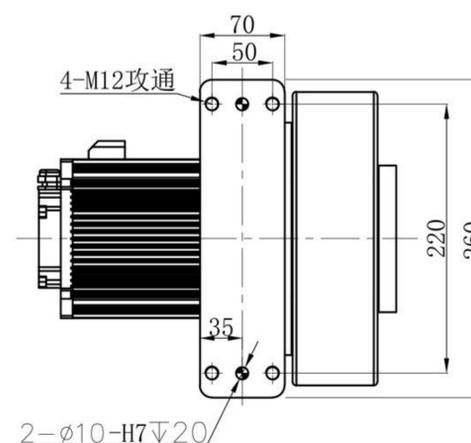
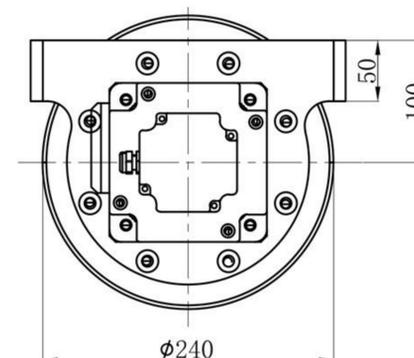
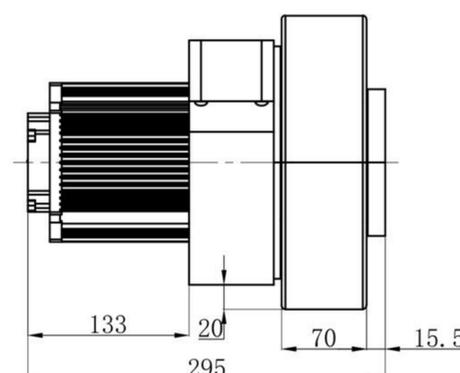
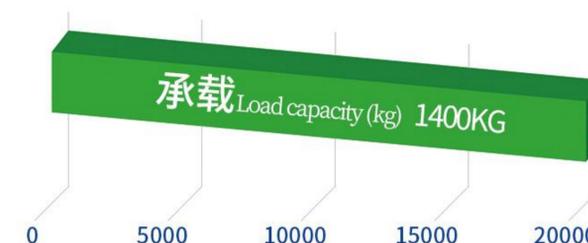
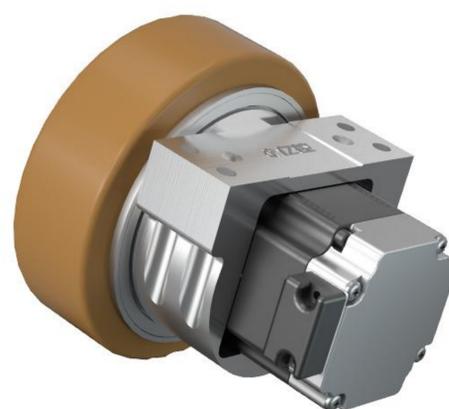


电机类型 Series	伺服PMAC
功率 Power(w)	1500
电压 Voltage(V)	48
电流 Current(A)	42
转速 Speed(rpm)	3000
减速比 Ratio(i)	15/30
承载 Load capacity(kg)	1400
IP等级 IP grade	65



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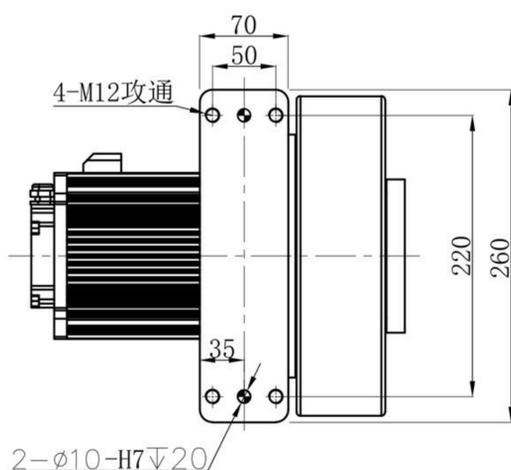
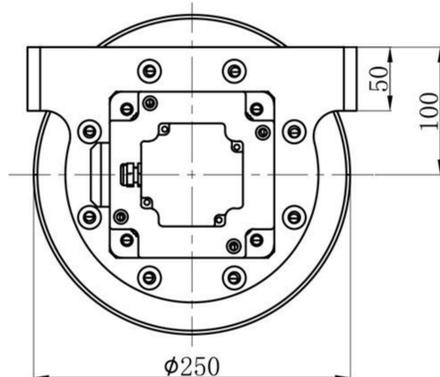
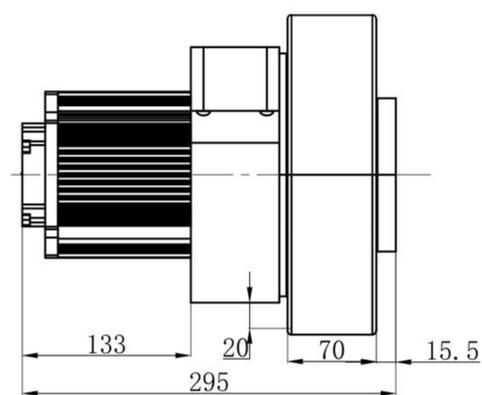
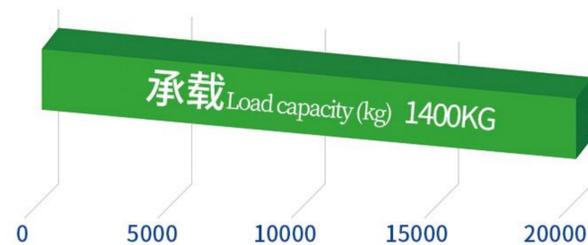


电机类型 Series	伺服PMAC
功率 Power(w)	750
电压 Voltage(V)	48
电流 Current(A)	19.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	15
承载 Load capacity(kg)	600
IP等级 IP grade	65



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TEC-250P152SP

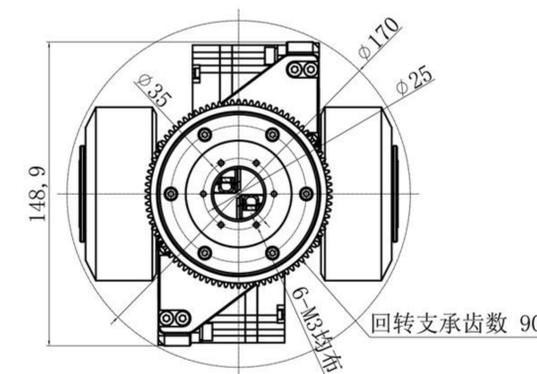
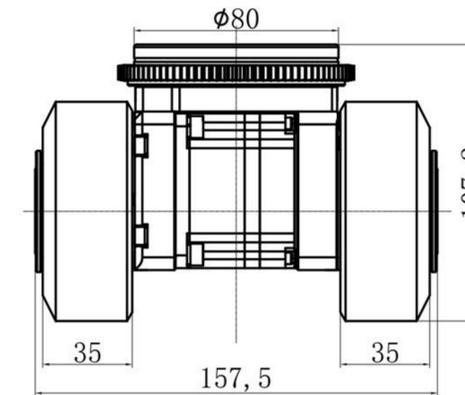
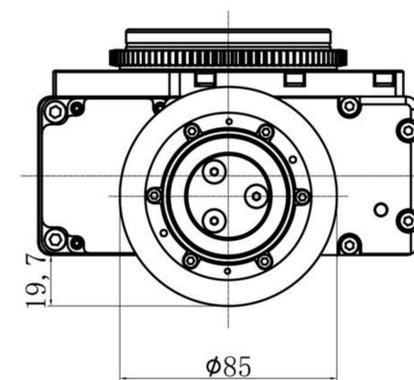
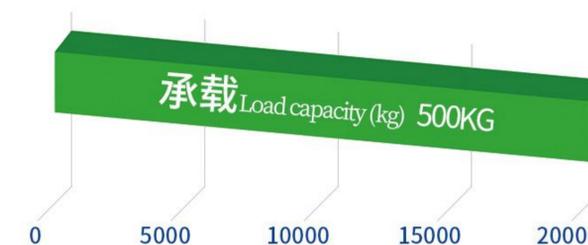
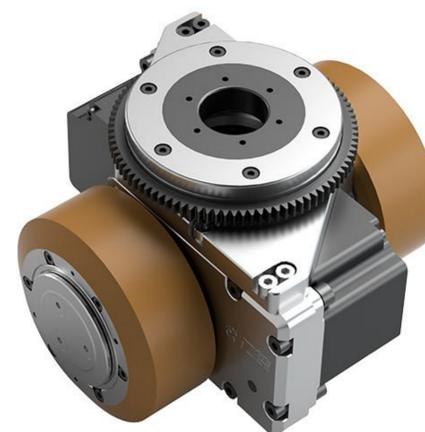


电机类型 Series	伺服PMAC
功率 Power(w)	1500
电压 Voltage(V)	48
电流 Current(A)	42
转速 Speed(rpm)	3000
减速比 Ratio(i)	15/30
承载 Load capacity(kg)	1400
IP等级 IP grade	65



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TEC-85-D

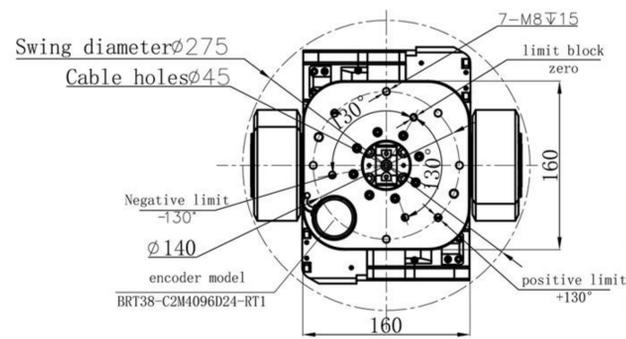
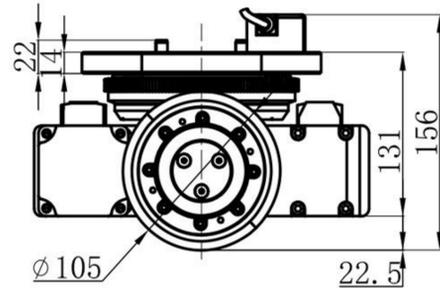
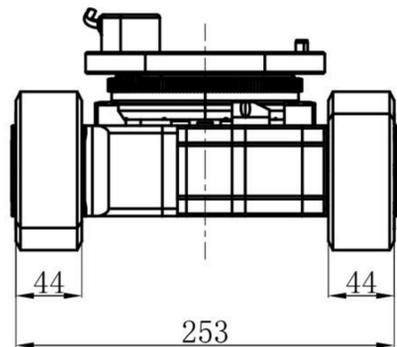
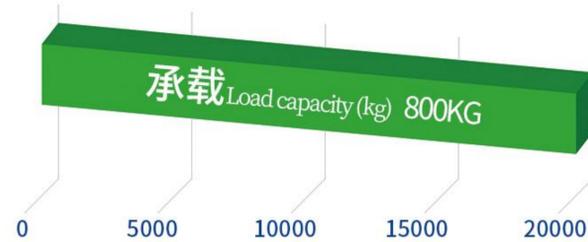
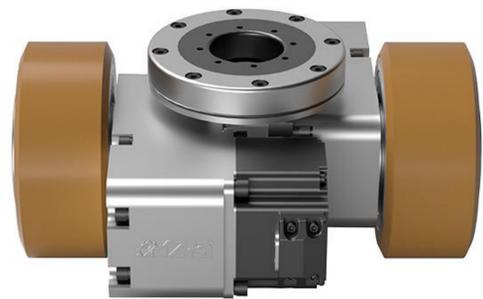


电机类型 Series	伺服PMAC
功率 Power(w)	500
电压 Voltage(V)	48
电流 Current(A)	13
转速 Speed(rpm)	3000
减速比 Ratio(i)	8
承载 Load capacity(kg)	500
IP等级 IP grade	54



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TEC-105-D

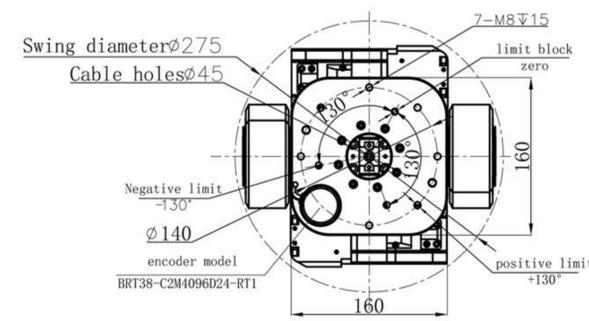
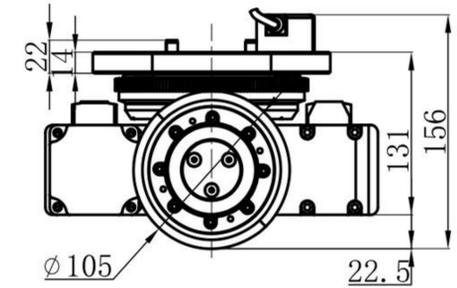
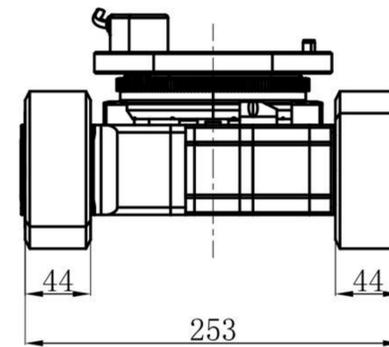
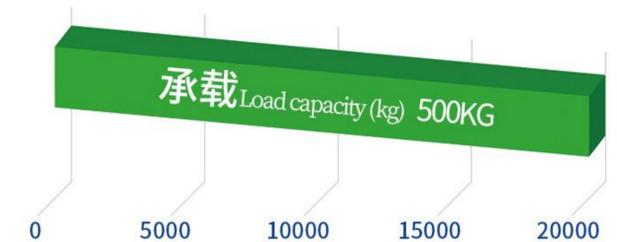


电机类型 Series	伺服 PMAC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	11
承载 Load capacity(kg)	800
IP 等级 IP grade	65



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TEC-120-D

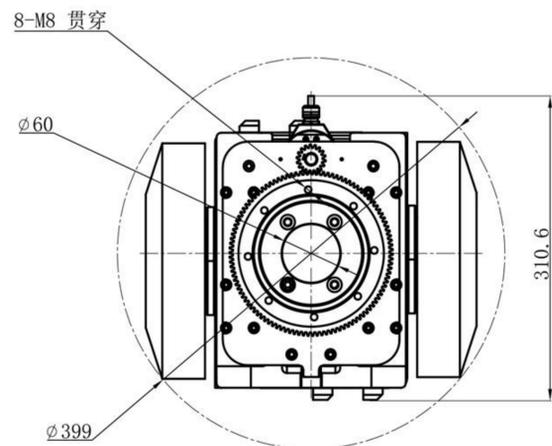
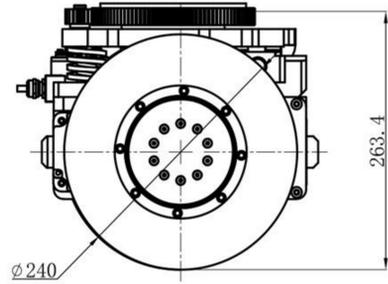
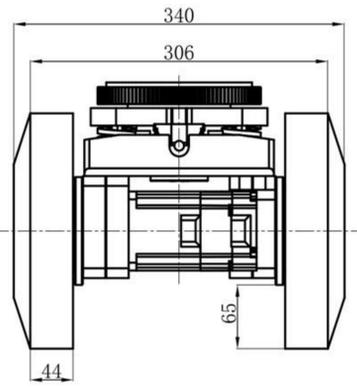
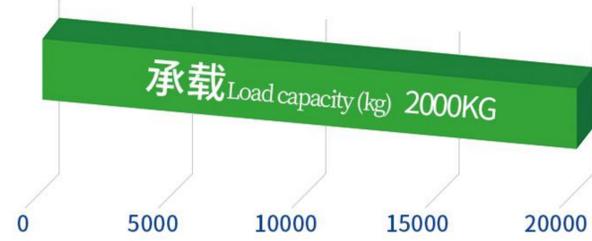
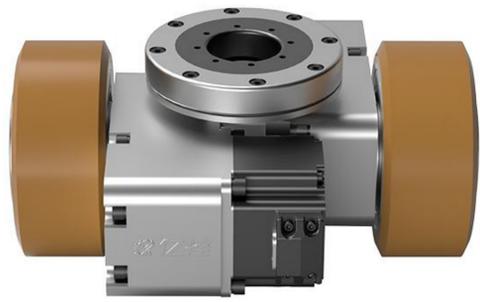


电机类型 Series	伺服 PMAC
功率 Power(w)	500
电压 Voltage(V)	48
电流 Current(A)	13
转速 Speed(rpm)	3000
减速比 Ratio(i)	8
承载 Load capacity(kg)	500
IP 等级 IP grade	54



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TEC-240-D

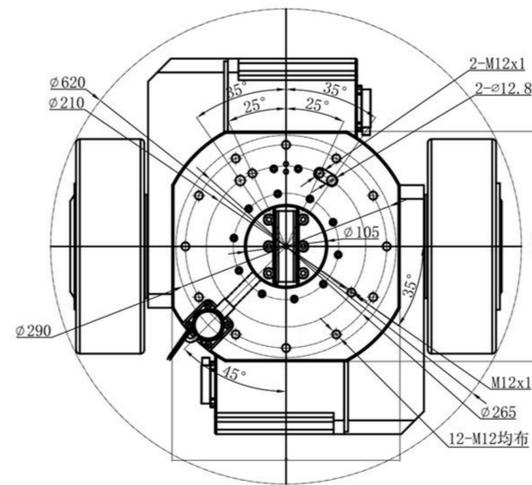
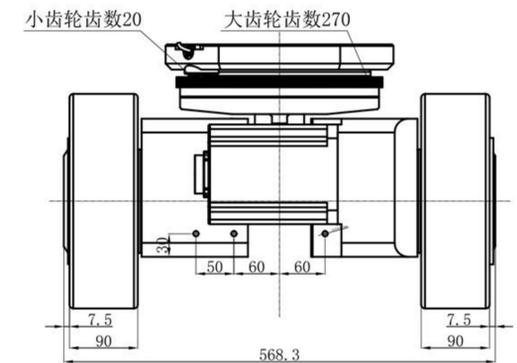
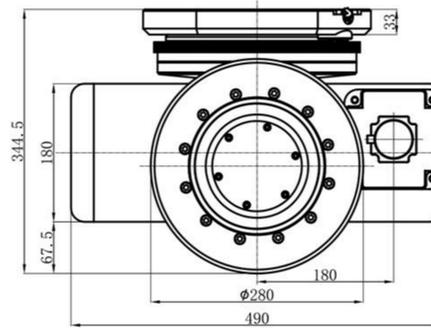


电机类型 Series	伺服 PMAC
功率 Power (w)	750
电压 Voltage (V)	48
电流 Current (A)	19.6
转速 Speed (rpm)	3000
减速比 Ratio (i)	24
承载 Load capacity (kg)	2000
IP 等级 IP grade	65



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TEC-280-D

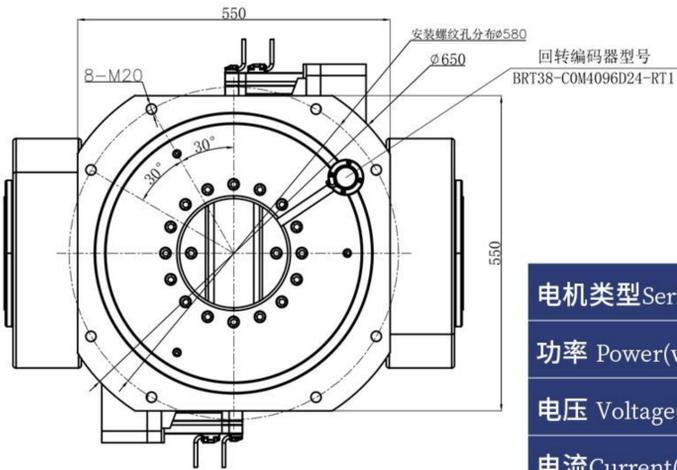
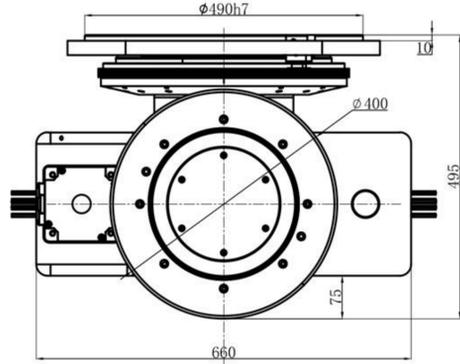
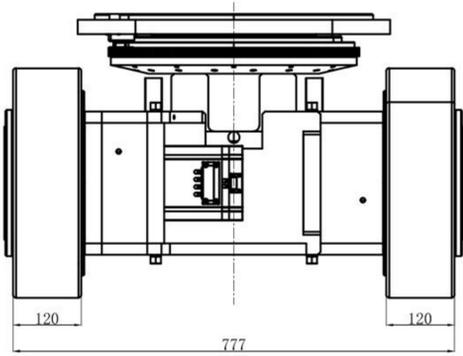
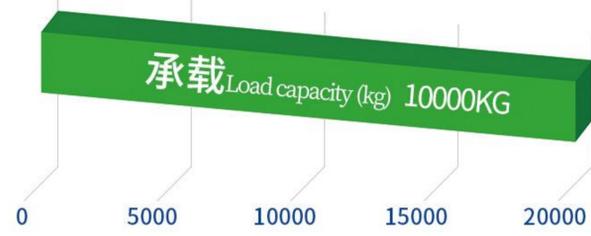
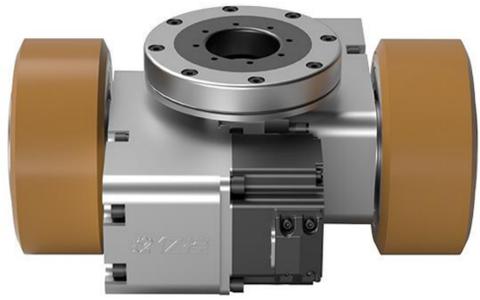


电机类型 Series	伺服 PMAC
功率 Power (w)	2000
电压 Voltage (V)	48
电流 Current (A)	53
转速 Speed (rpm)	3000
减速比 Ratio (i)	55
承载 Load capacity (kg)	5500
IP 等级 IP grade	54



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TEC-400-D

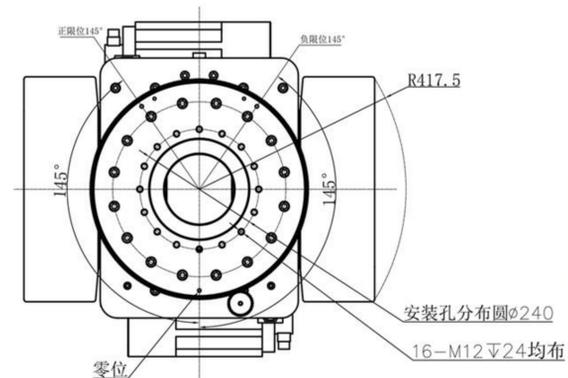
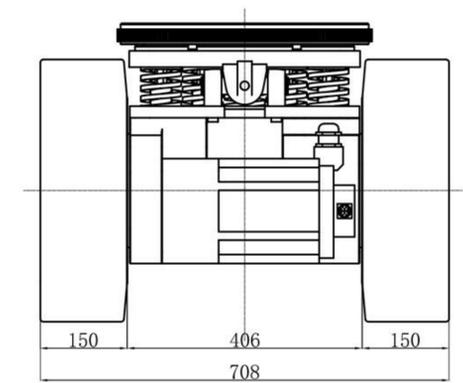
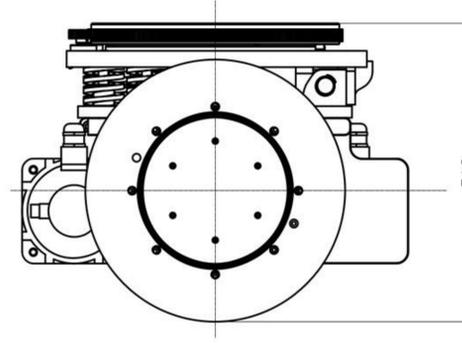
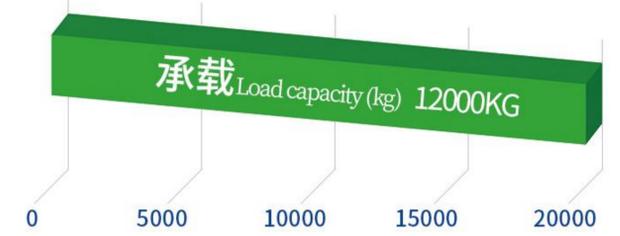


电机类型 Series	伺服 PMAC
功率 Power(w)	1500
电压 Voltage(V)	48
电流 Current(A)	42
转速 Speed(rpm)	3000
减速比 Ratio(i)	80
承载 Load capacity(kg)	10000
IP 等级 IP grade	54



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TEC-450-D

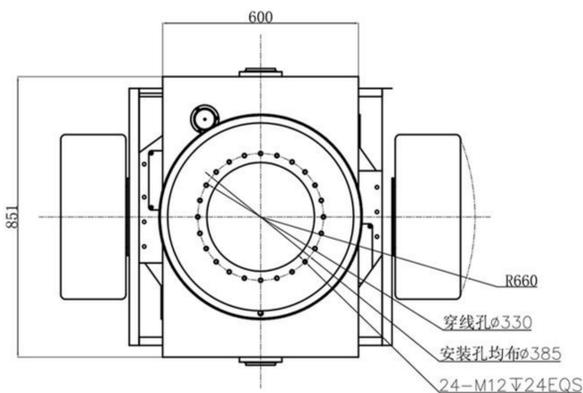
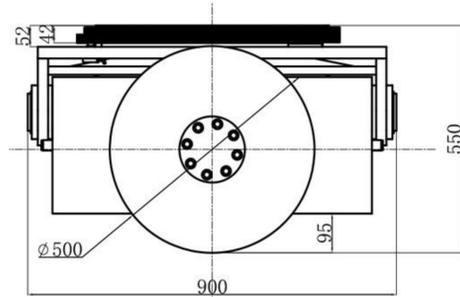
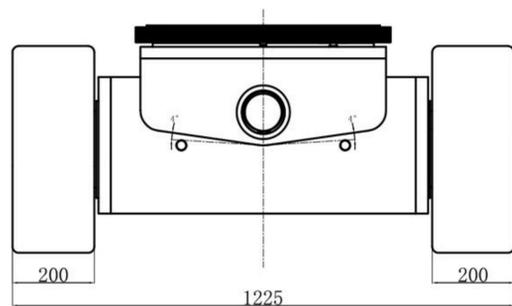
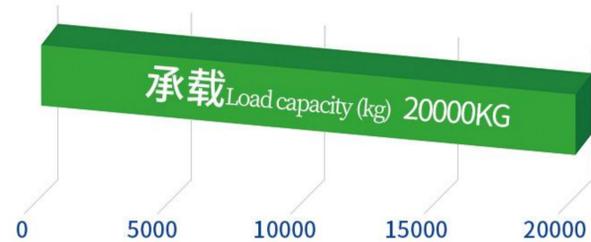
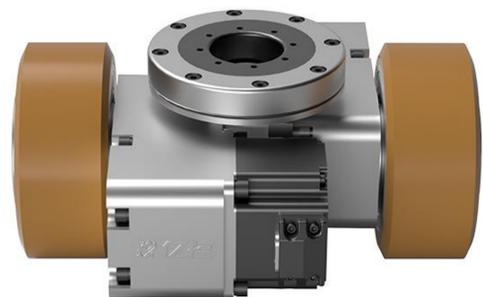


电机类型 Series	伺服 PMAC
功率 Power(w)	4300
电压 Voltage(V)	72
电流 Current(A)	74.6
转速 Speed(rpm)	1500
减速比 Ratio(i)	24
承载 Load capacity(kg)	12000
IP 等级 IP grade	54



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TEC-500-D

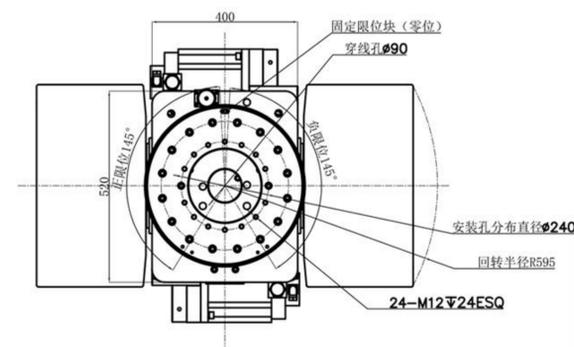
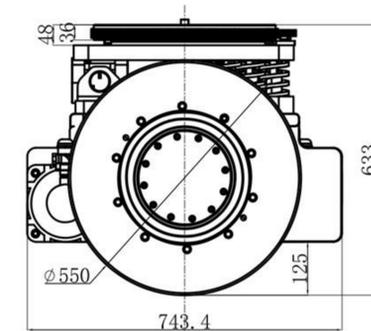
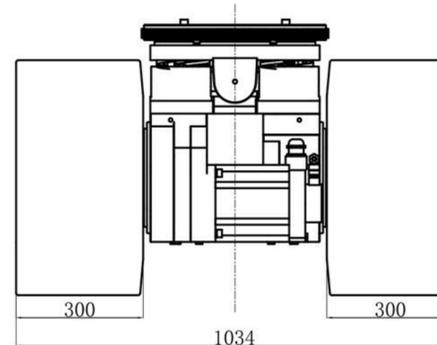


电机类型 Series	伺服 PMAC
功率 Power (w)	5500
电压 Voltage (V)	48
电流 Current (A)	143
转速 Speed (rpm)	1500
减速比 Ratio (i)	70
承载 Load capacity (kg)	20000
IP 等级 IP grade	54



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TEC-550-D

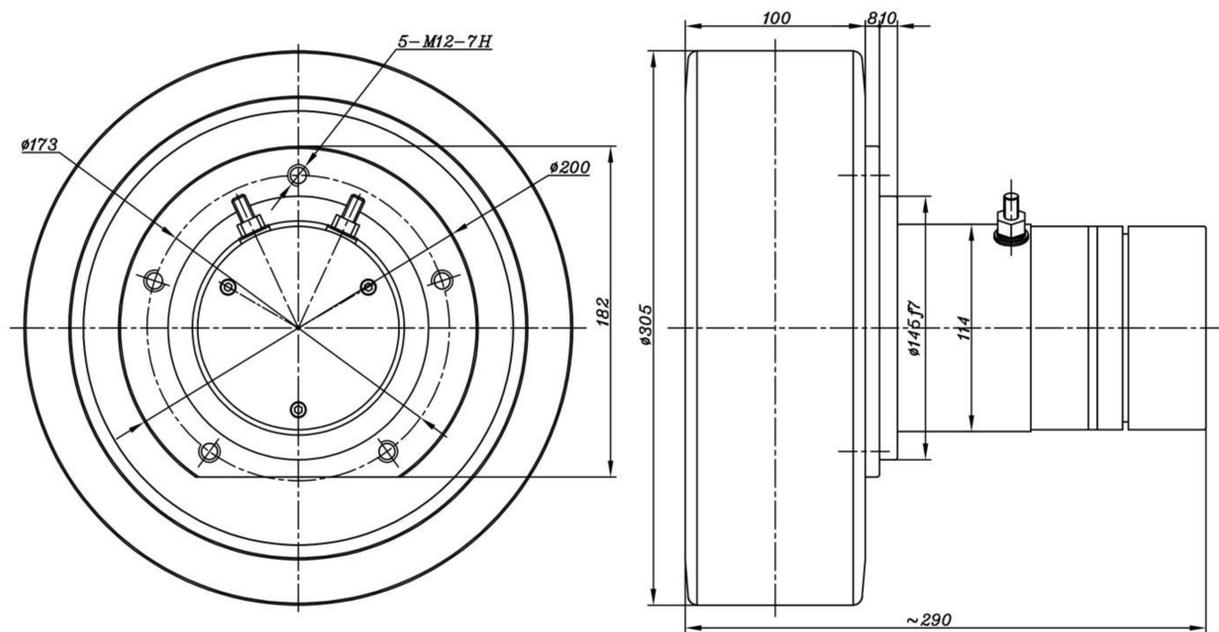
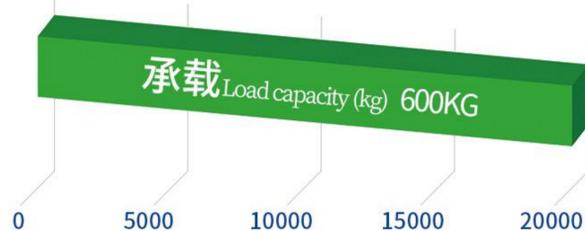


电机类型 Series	伺服 PMAC
功率 Power (w)	5500
电压 Voltage (V)	48
电流 Current (A)	143
转速 Speed (rpm)	1500
减速比 Ratio (i)	80
承载 Load capacity (kg)	23000
IP 等级 IP grade	54



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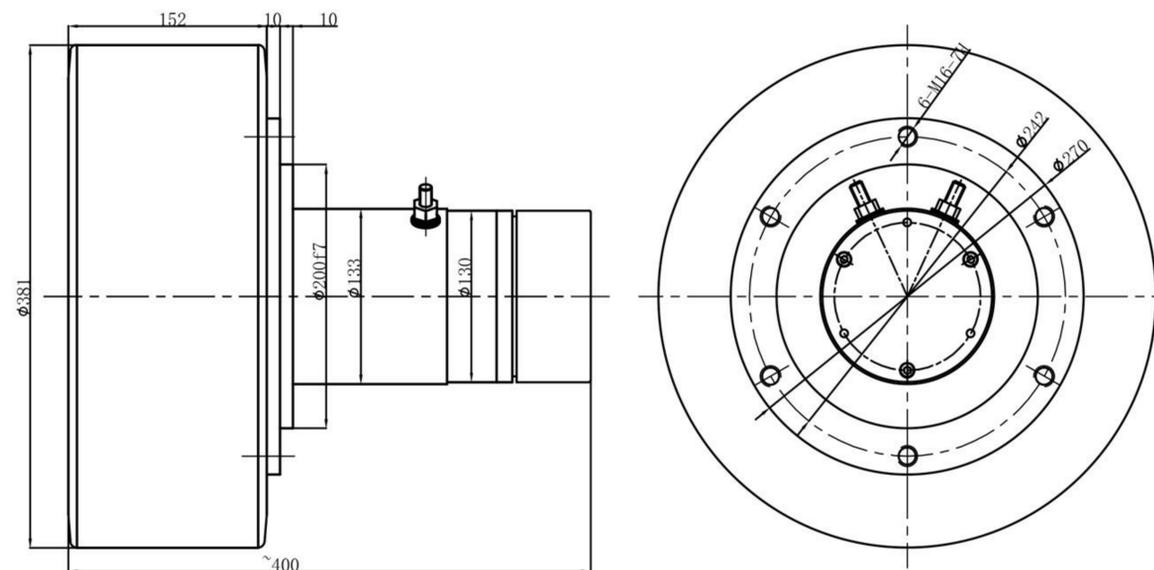
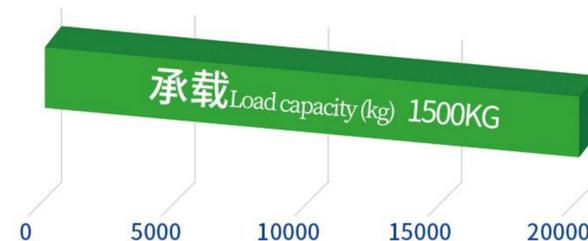
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电机类型 Series	DC
功率 Power(w)	500
电压 Voltage(V)	24
电流 Current(A)	26
转速 Speed(rpm)	2200
减速比 Ratio(i)	29
承载 Load capacity(kg)	600
IP等级 IP grade	65

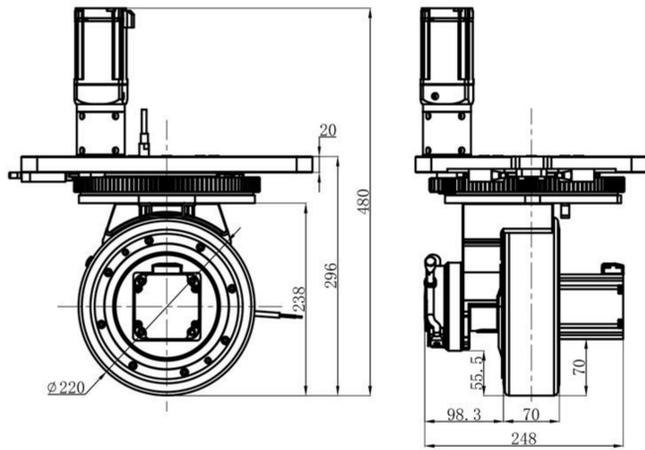
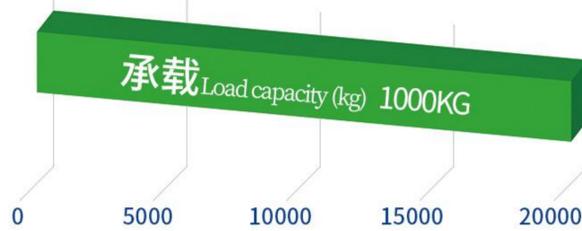
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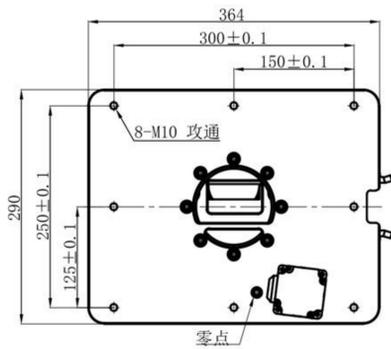
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电机类型 Series	AC
功率 Power(w)	1500
电压 Voltage(V)	24
电流 Current(A)	78
转速 Speed(rpm)	2250
减速比 Ratio(i)	37
承载 Load capacity(kg)	1500
IP等级 IP grade	44

### TEC220P102SF 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	48
电流 Current(A)	27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	32
承载 Load capacity(kg)	1000
IP等级 IP grade	54



转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	285
IP等级 IP grade	65

可选用配件:(Optional accessories)

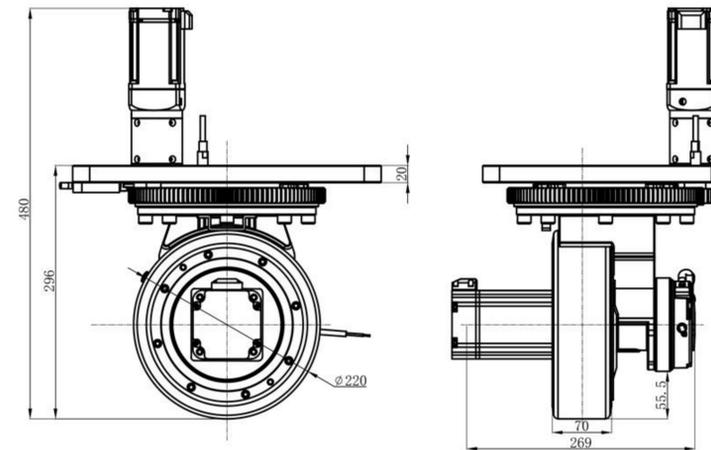
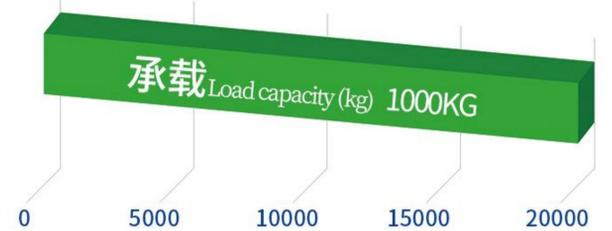
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Limit Switch、Home Switch、External Encoder、Potentionmeter

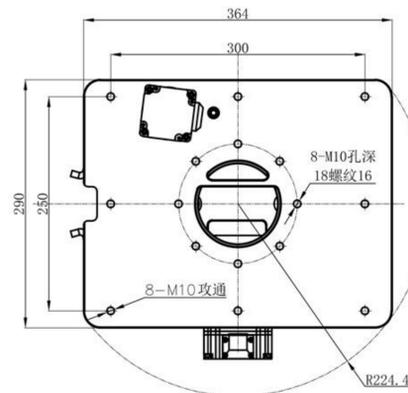


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### TEC220P122SF 舵轮 (Drive wheel)



行走轮部分参数 Traction parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1200
电压 Voltage(V)	48
电流 Current(A)	33
转速 Speed(rpm)	3000
减速比 Ratio(i)	32
承载 Load capacity(kg)	1000
IP等级 IP grade	65



转向电机参数 Steering motor parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
IP等级 IP grade	65

可选用配件:(Optional accessories)

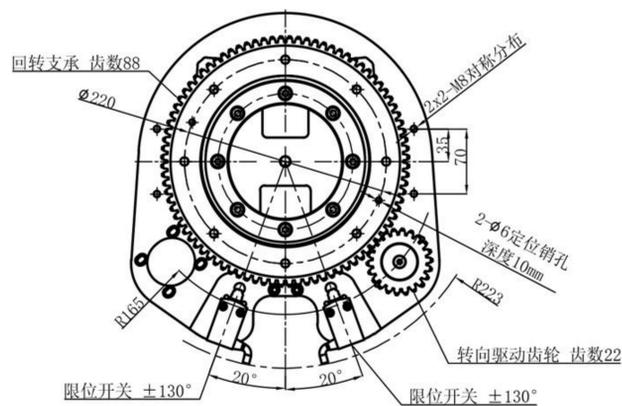
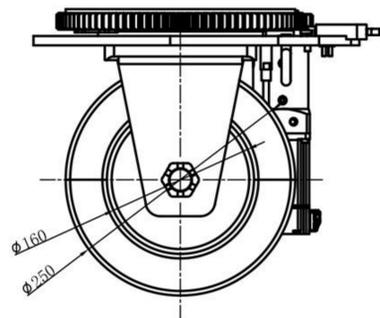
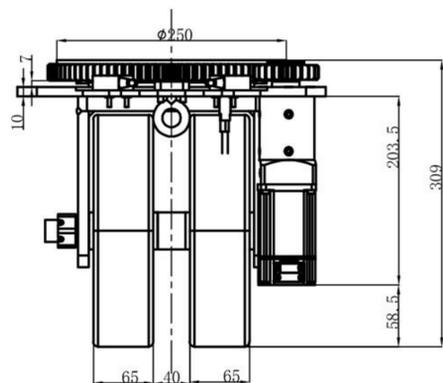
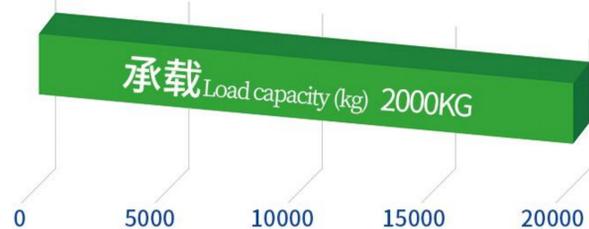
限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter



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### TEC-250P400SP 电动转向轮 (Electric drive wheel)



转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	50
承载 Load capacity(kg)	2000
IP等级 IP grade	54

可选用配件:(Optional accessories)

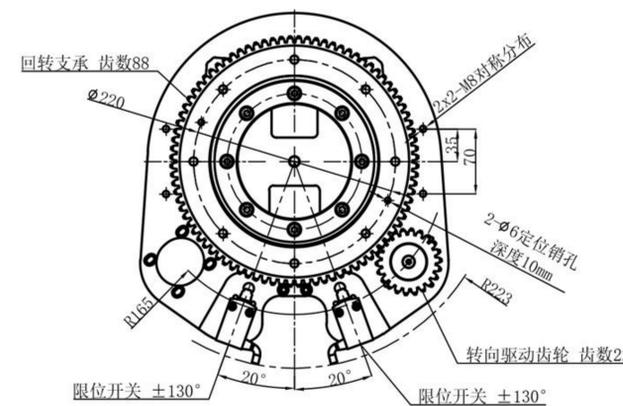
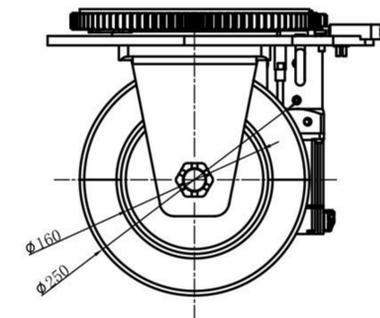
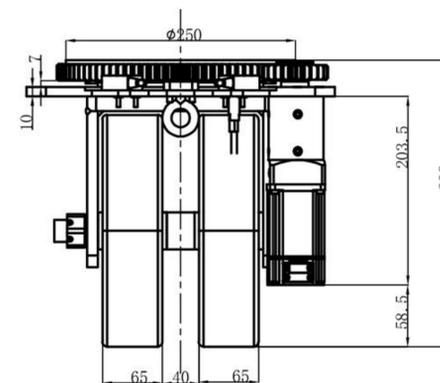
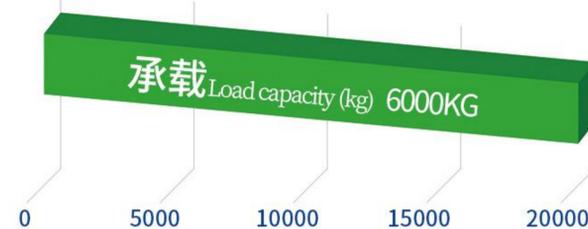
限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter



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### TEC-304-HS 电动转向轮 (Electric drive wheel)



转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	48
电流 Current(A)	27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	100
承载 Load capacity(kg)	6000
IP等级 IP grade	65

可选用配件:(Optional accessories)

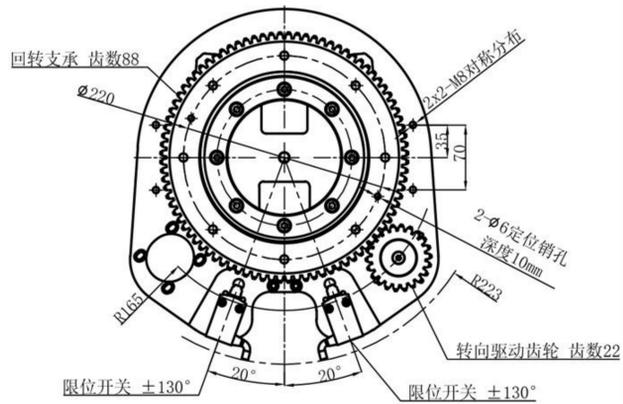
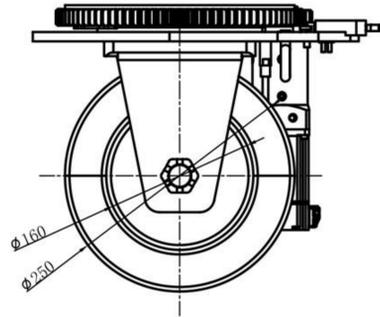
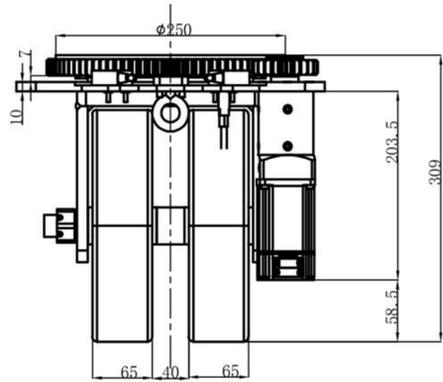
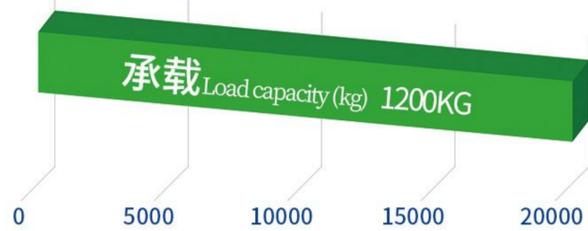
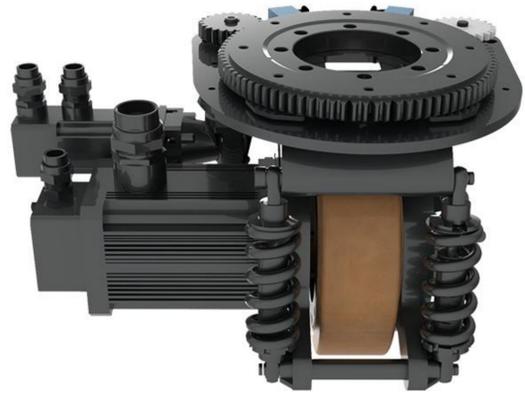
限位开关、原点开关、外置编码器、电位器

Limit Switch、Home Switch、External Encoder、Potentionmeter



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### TEC250P122SP防爆驱动轮 (Explosion proof drive wheel)



转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1200
电压 Voltage(V)	48
电流 Current(A)	33
转速 Speed(rpm)	3000
减速比 Ratio(i)	40
承载 Load capacity(kg)	1200
IP等级 IP grade	65

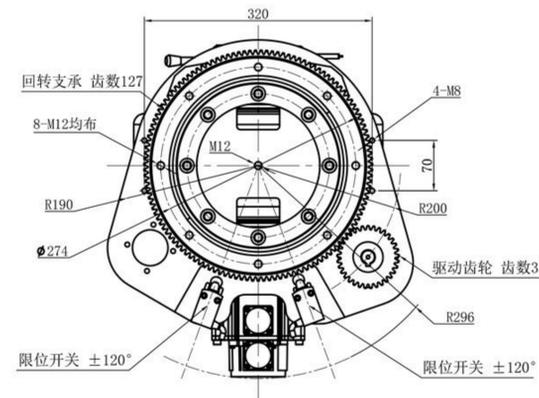
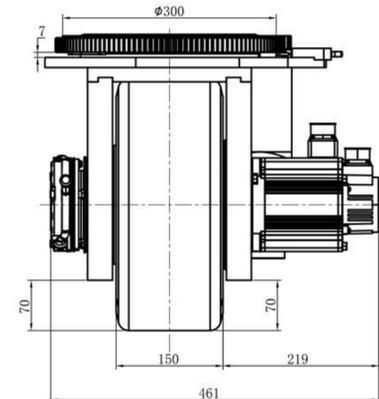
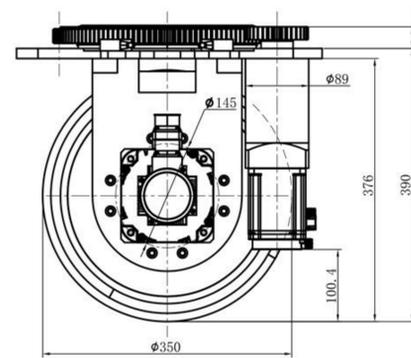
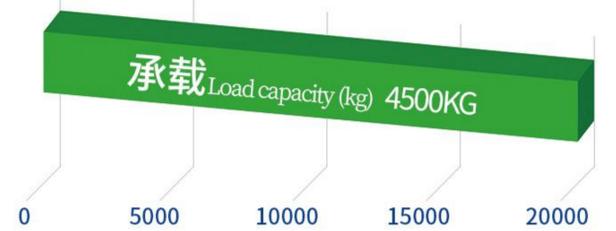
可选用配件:(Optional accessories)

限位开关、原点开关、外置编码器、电位器  
Limit Switch、Home Switch、External Encoder、Potentionmeter



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### TEC-350P3600SP防爆驱动轮 (Explosion proof drive wheel)



转向部分参数 Steering parameters	
电机类型 Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	220
电流 Current(A)	5.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	64
承载 Load capacity(kg)	4500
IP等级 IP grade	65

可选用配件:(Optional accessories)

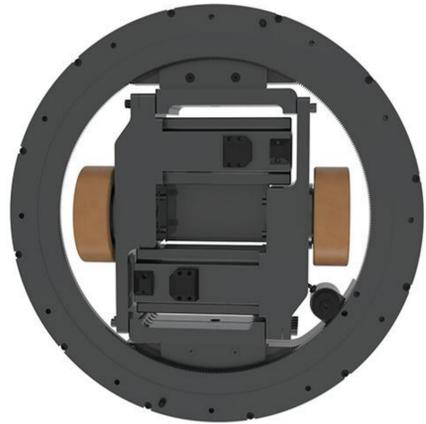
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Limit Switch、Home Switch、External Encoder、Potentionmeter



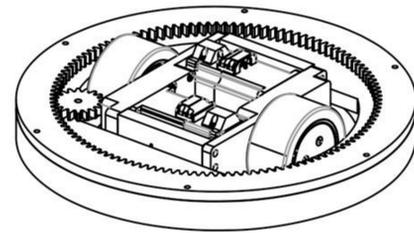
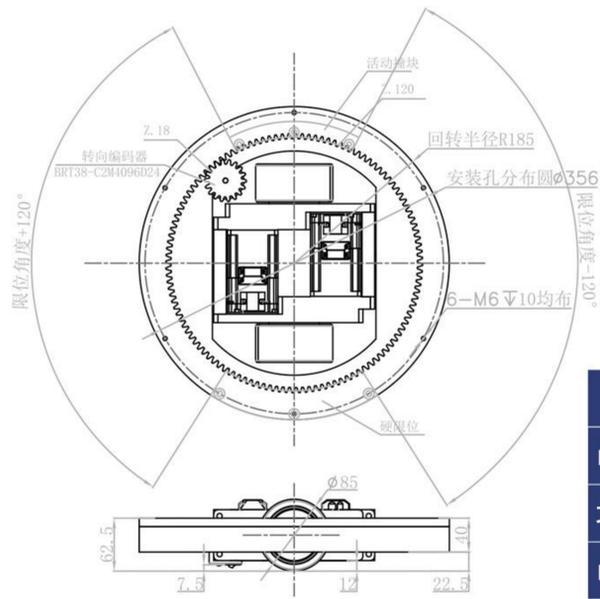
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### TEC-85-DD差速轮组底盘

(Dual differential drive wheel chassis)



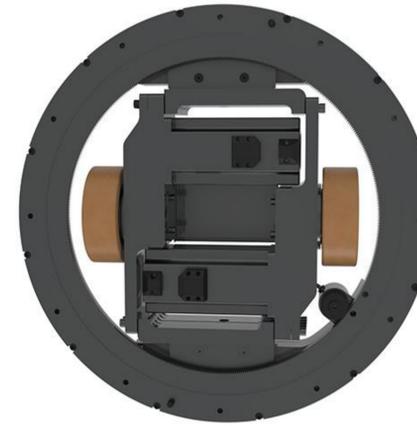
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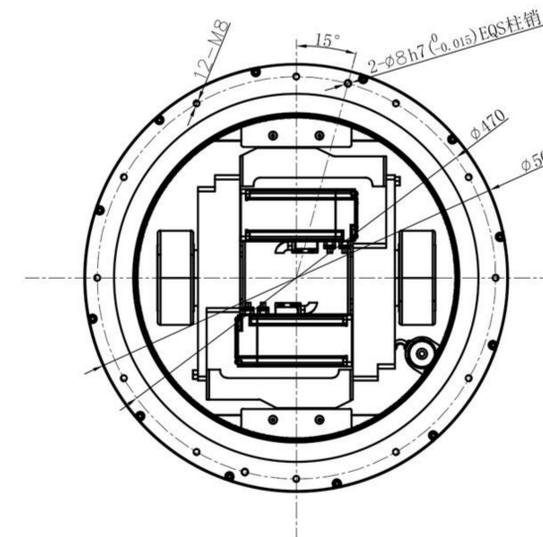
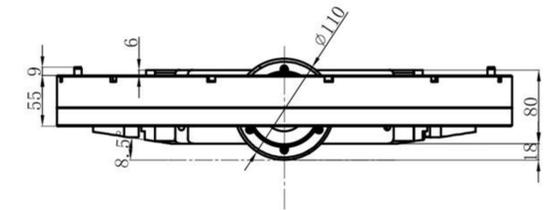
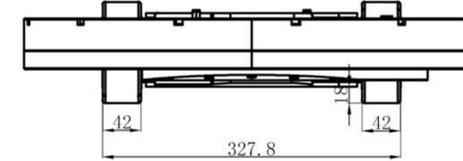
行走部分参数 Steering parameters	
电机类型Series	PMAC/DC/AC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	8.49
IP等级 IP grade	54

### TEC-110-DD差速轮组底盘

(Dual differential drive wheel chassis)

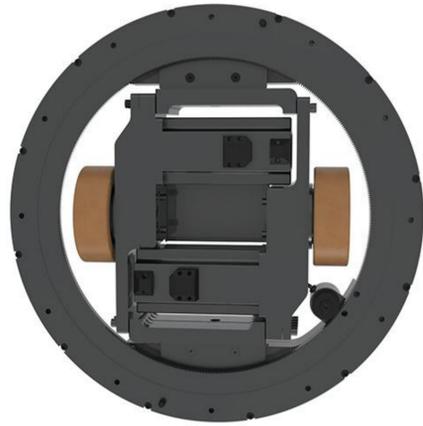


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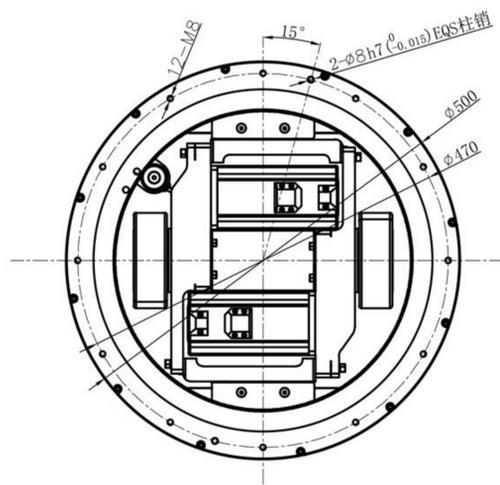
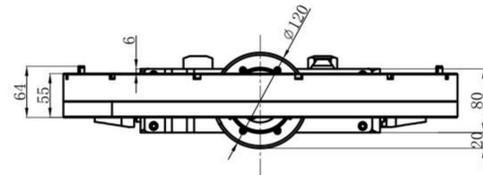
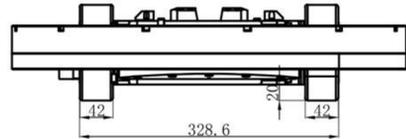


转向部分参数 Steering parameters	
电机类型Series	PMAC/DC/AC
功率 Power(w)	600
电压 Voltage(V)	48
电流 Current(A)	17.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	27
IP等级 IP grade	65

TEC-120-DD差速轮组底盘  
(Dual differential drive wheel chassis)

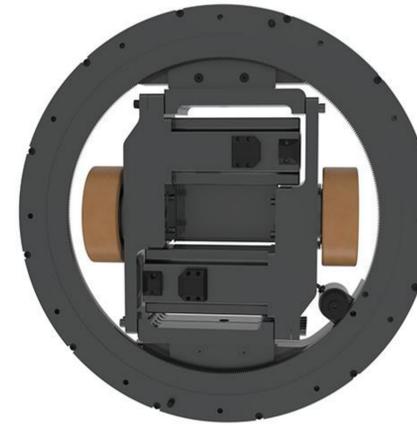


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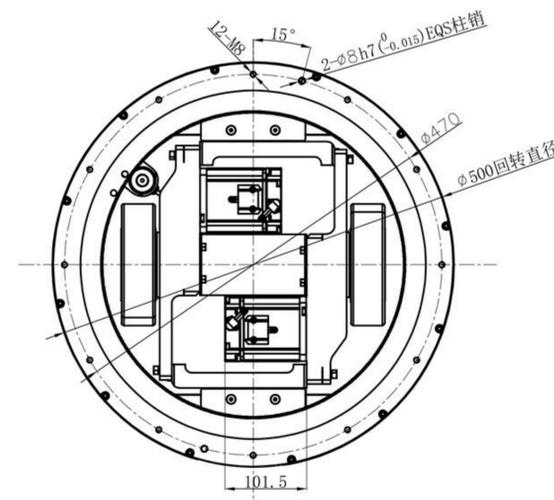
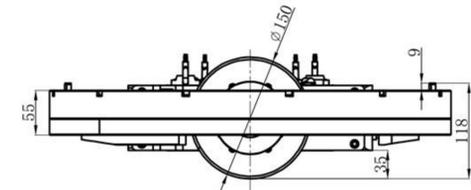
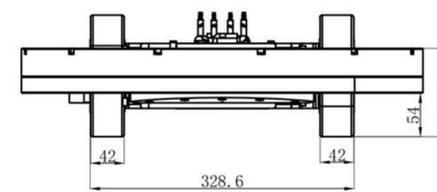


转向部分参数 Steering parameters	
电机类型Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	48
电流 Current(A)	27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	27
IP等级 IP grade	54

TEC-150-DD差速轮组底盘  
(Dual differential drive wheel chassis)

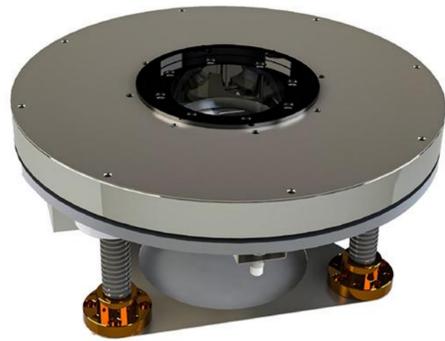


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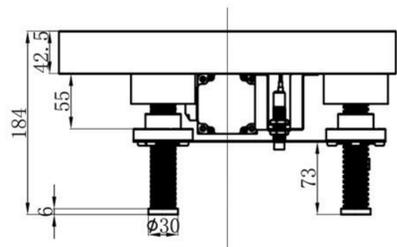
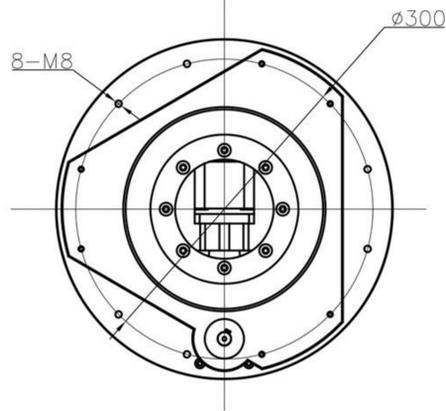
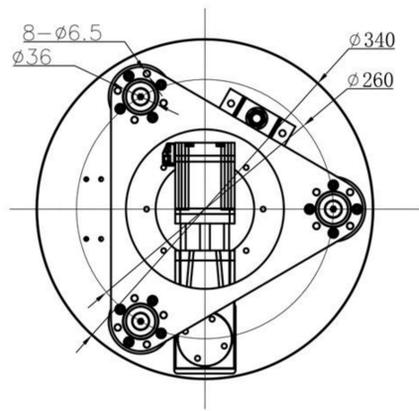


转向部分参数 Steering parameters	
电机类型Series	PMAC/DC/AC
功率 Power(w)	1000
电压 Voltage(V)	220
电流 Current(A)	5.6
转速 Speed(rpm)	3000
减速比 Ratio(i)	64
IP等级 IP grade	65

TEC-DSJG300-60-400 顶升总成 (Lifting system)



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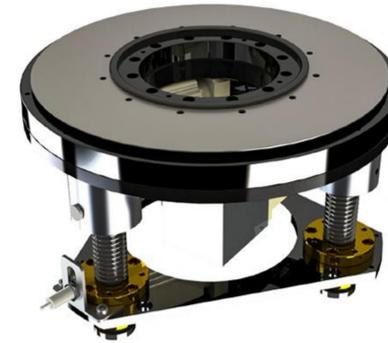


转向部分参数 Steering parameters	
电机类型 Series	PMAC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	30
IP等级 IP grade	65

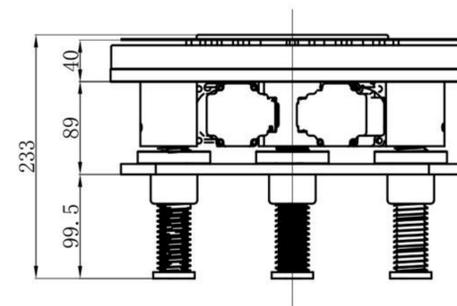
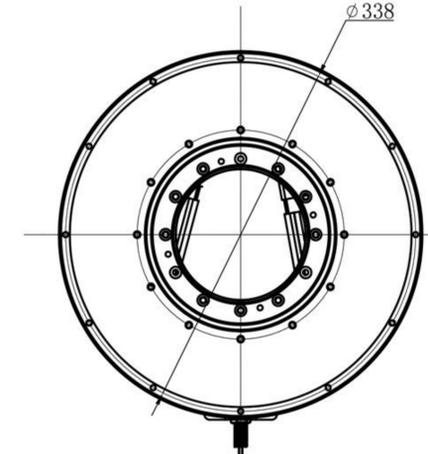
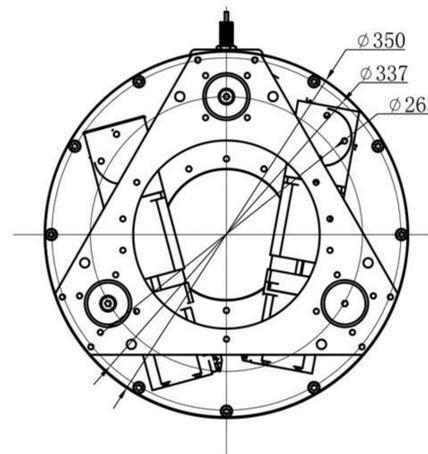
TEC DSJG 数字 Number 60 数字 Number  
 载重重量 Installation height  
 顶升行程 Lifting length  
 顶升总成 Lifting system

江苏亿控智能装备有限公司 Jiangsu Yikong Intelligent Equipment Co., Ltd.

TEC-DSJG500-60-400 顶升机构 (Lifting system)

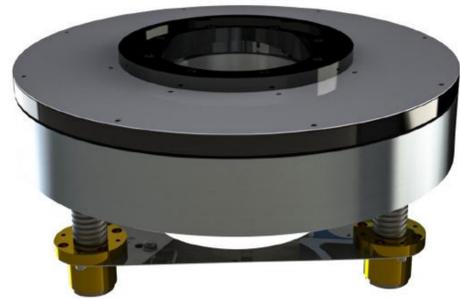


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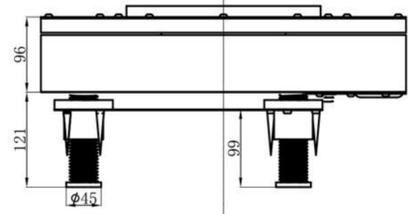
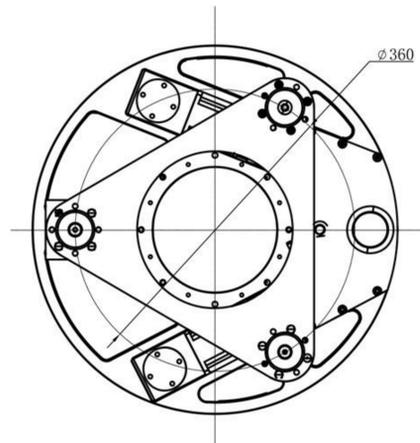
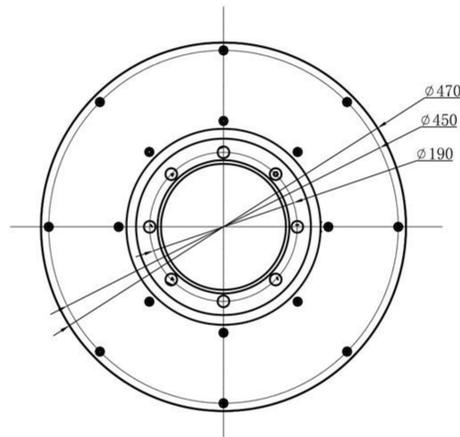


转向部分参数 Steering parameters	
电机类型 Series	PMAC
功率 Power(w)	400
电压 Voltage(V)	48
电流 Current(A)	11.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	30
IP等级 IP grade	65

TEC-DSJG1000-60-600 顶升机构 (Lifting system)

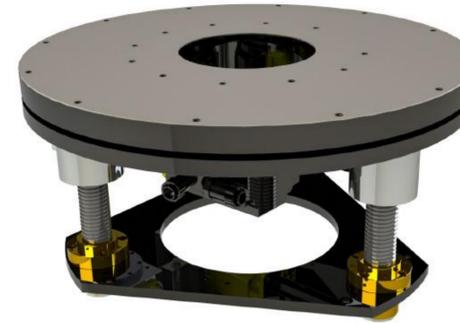


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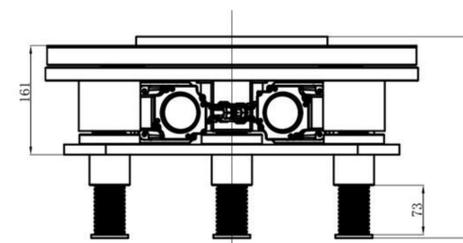
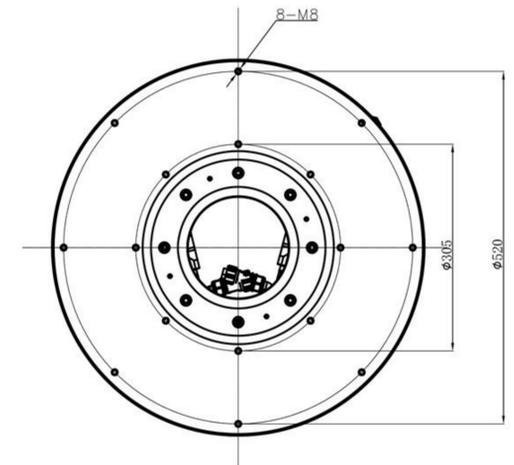
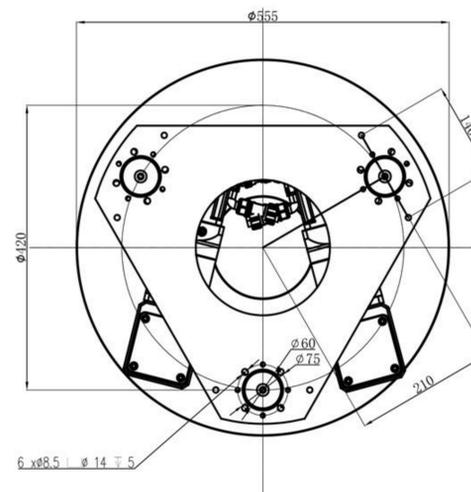


转向部分参数 Steering parameters	
电机类型 Series	PMAC
功率 Power(w)	600
电压 Voltage(V)	48
电流 Current(A)	17.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	30
IP等级 IP grade	65

TEC-DSJG1500-100-1500 顶升机构 (Lifting system)

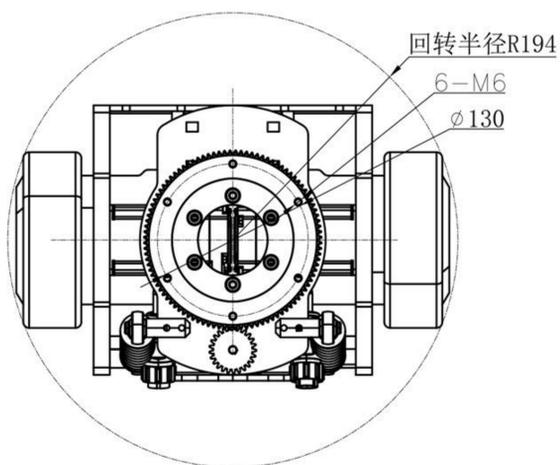
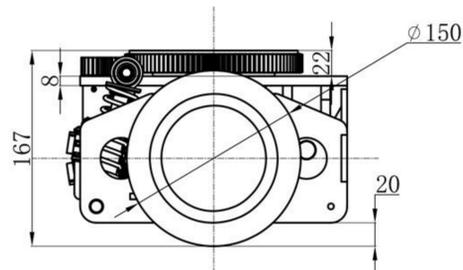
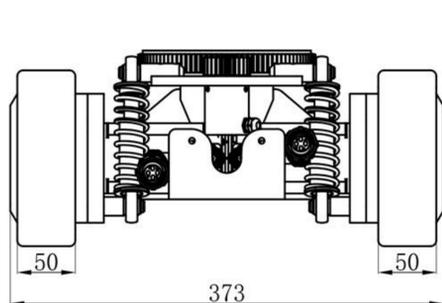
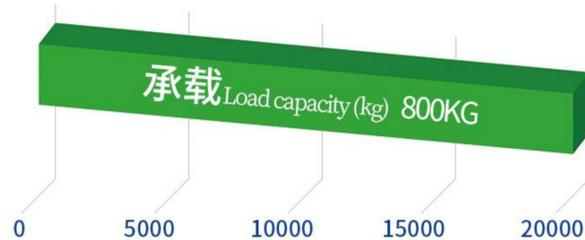
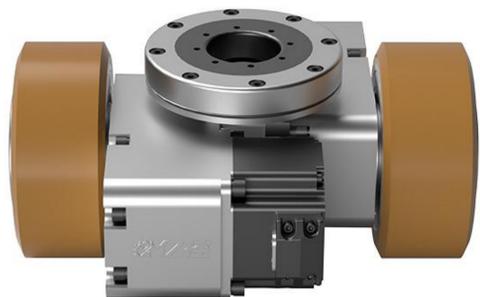


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转向部分参数 Steering parameters	
电机类型 Series	PMAC
功率 Power(w)	1000
电压 Voltage(V)	48
电流 Current(A)	27.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	40
IP等级 IP grade	54

TEC-150-D

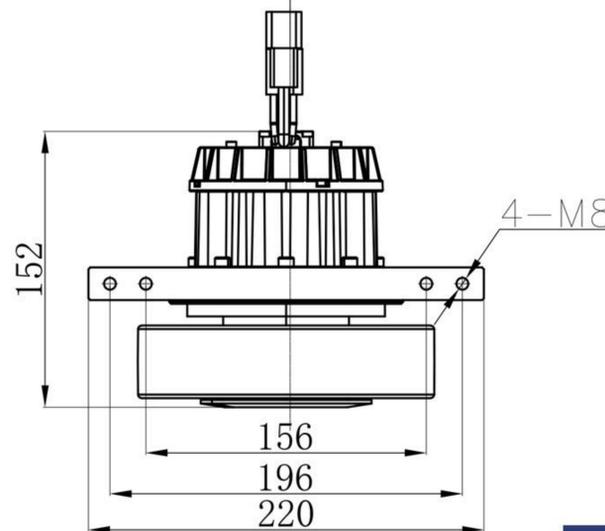
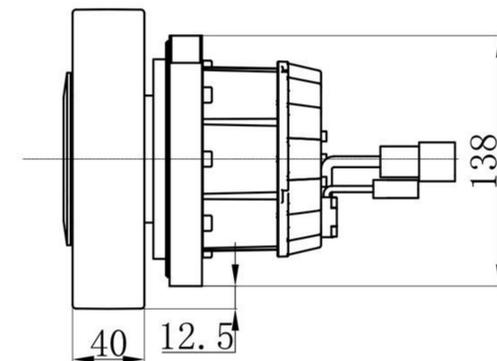
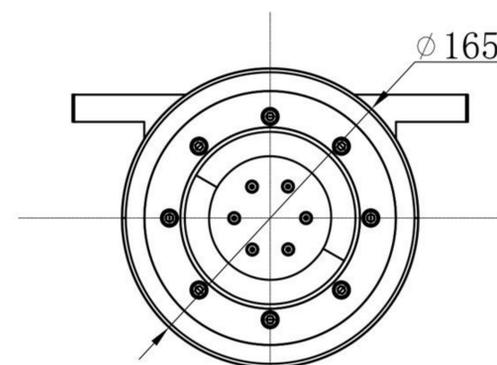
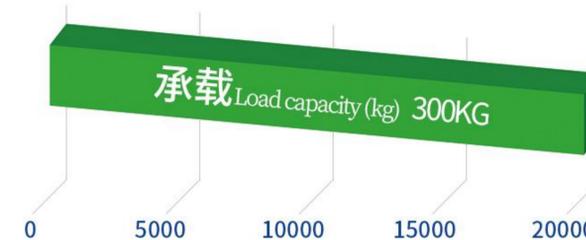
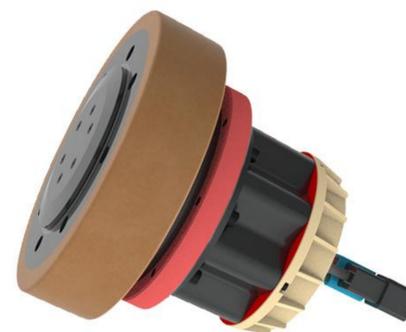


电机类型 Series	伺服 PMAC
功率 Power(w)	600
电压 Voltage(V)	48
电流 Current(A)	17.5
转速 Speed(rpm)	3000
减速比 Ratio(i)	14.3
承载 Load capacity(kg)	800
IP等级 IP grade	54



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TEC-165伺服一体轮 Servo integrated wheel



电机类型 Series	伺服 PMAC
功率 Power(w)	500
电压 Voltage(V)	48
电流 Current(A)	13
转速 Speed(rpm)	2000
减速比 Ratio(i)	9
承载 Load capacity(kg)	300
IP等级 IP grade	54

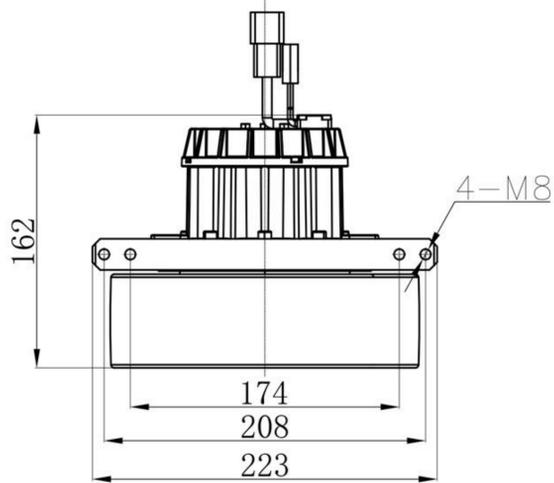
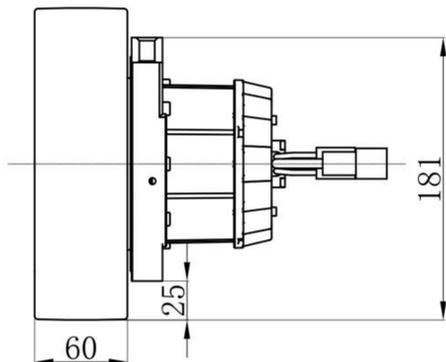
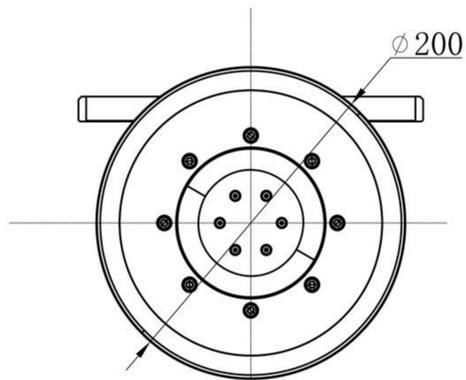
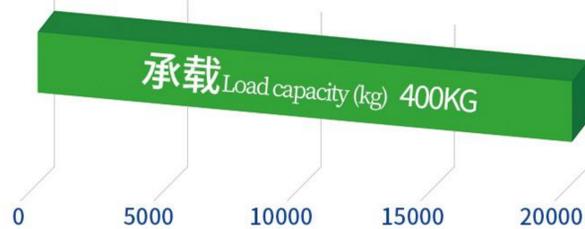
电气参数 Electrical parameters

通讯 Interface	CAN
反馈 Feedback	17位单圈磁电编码器 17 bit single coil magneto electric encoder
额定电流 Power(A)	20
峰值电流 Voltage(A)	60



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### TEC-200伺服一体轮 Servo integrated wheel



电机类型 Series	伺服 PMAC
功率 Power(w)	600
电压 Voltage(V)	48
电流 Current(A)	17.5
转速 Speed(rpm)	2000
减速比 Ratio(i)	9
承载 Load capacity(kg)	400
IP等级 IP grade	54



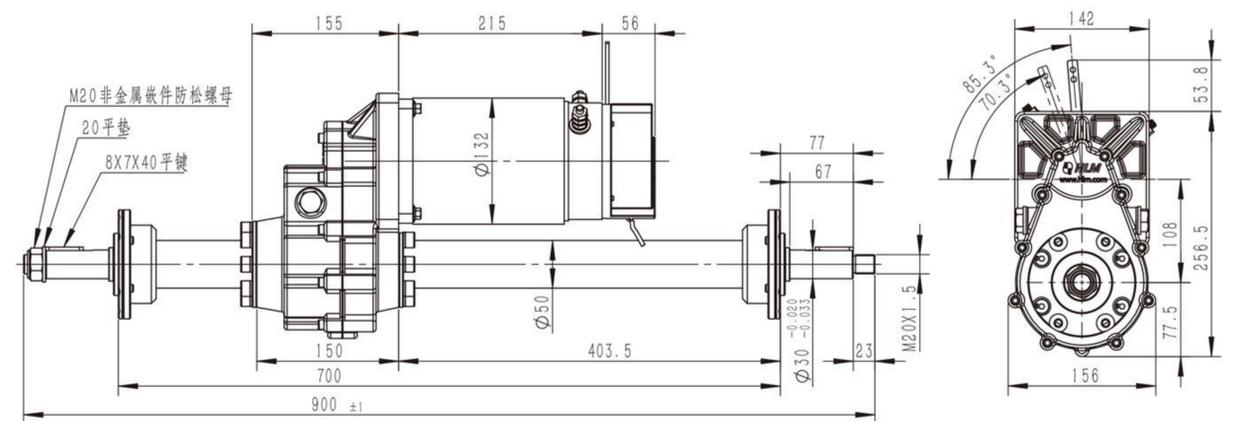
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电气参数 Electrical parameters	
通讯 Interface	CAN
反馈 Feedback	17位单圈磁电编码器 17 bit single coil magneto electric encoder
额定电流 Power(A)	20
峰值电流 Voltage(A)	60

### TEC05B



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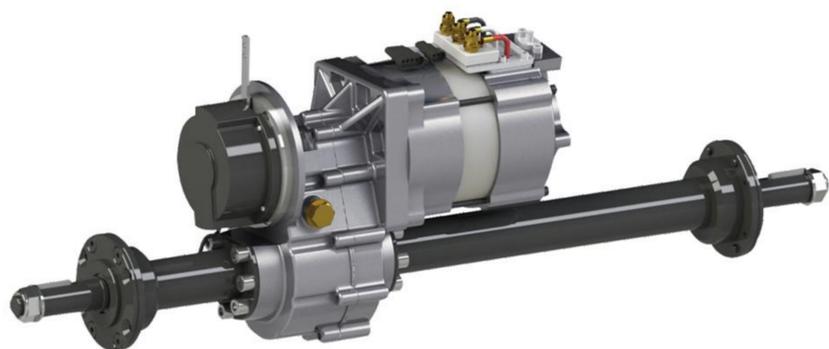
#### 技术参数(Technical parameters)

速比 ( Ratio ) : 25:1、40:1

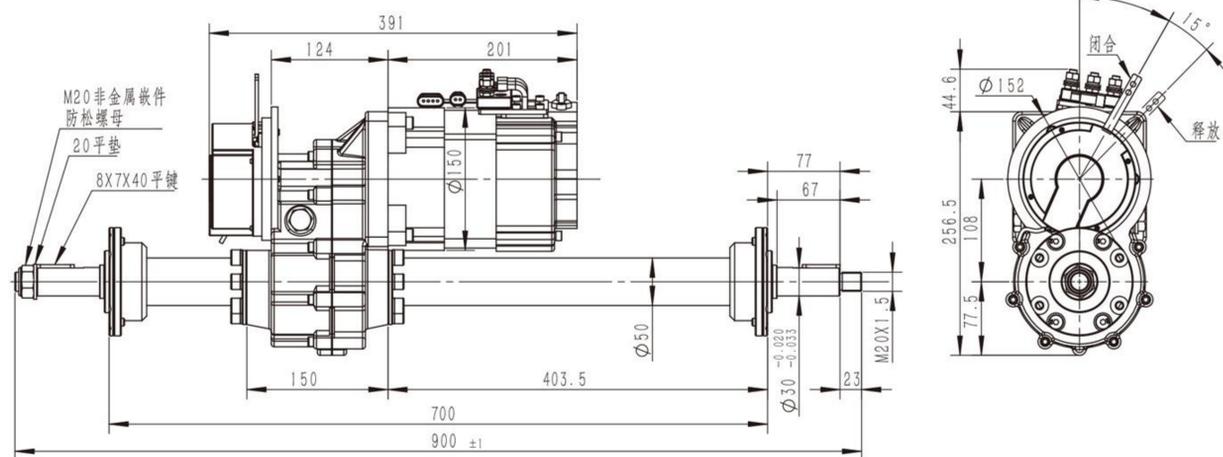
电机 (Motor) : DC132LUA-1500W-36V-3500r/min

刹车 ( Brake ) : 12NM (wanner)

TECS05BQ



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技术参数(Technical parameters)

速比 (Ratio) : 25:1、40:1

刹车 (Brake) : 12NM (wanner)

电机 (Motor) : AC2.2KW-24V-2800/5000r/min

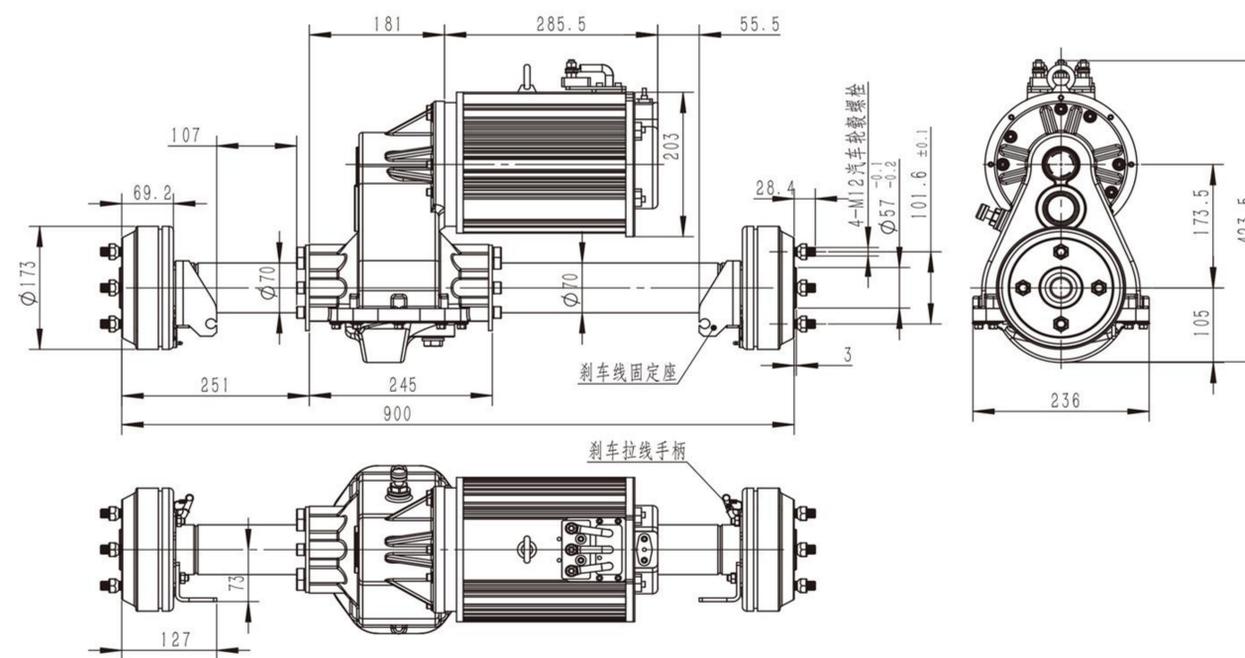
AC2.2KW-36V-2800/5000r/min

AC2.2KW-48V-2800/5000r/min

TECD24



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技术参数(Technical parameters)

速比 (Ratio) : 24:1、12:1

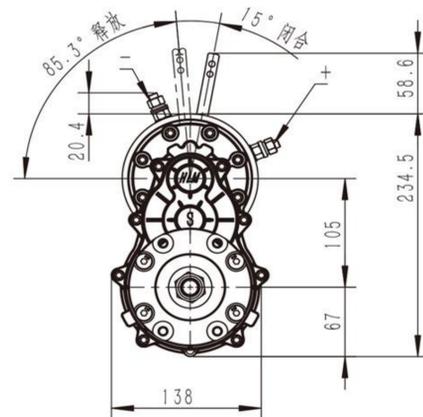
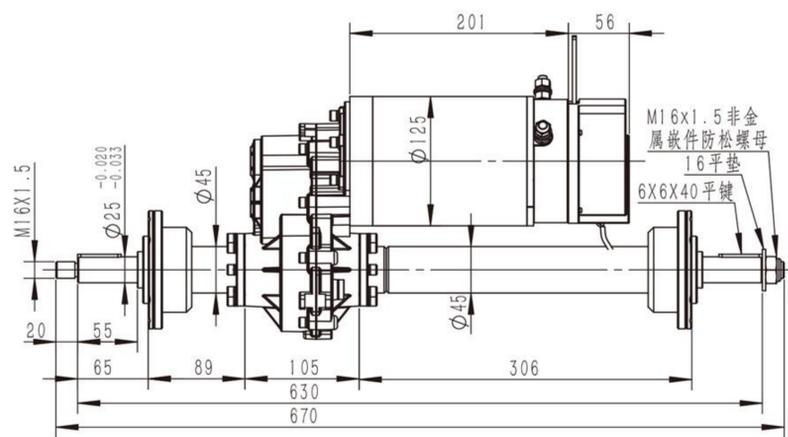
刹车 (Brake) : 160液压鼓刹

电机 (Motor) : AC5KW-48V-2800/5000r/min

TECS1



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技术参数(Technical parameters)

速比 (Ratio) : 13:1、24:1、33:1  
电机 (Motor) :DC125LUYA-1000W-24V-3200r/mir  
刹车 (Brake) : 12NM (wanner)



# AGV驱动轮选型表

请按照贵司对产品的技术要求填写并完成以下表格，以方便我司进行正确的产品选型并报价。

AGV 名称: \_\_\_\_\_ AGV 数量: \_\_\_\_\_

AGV 类型: 牵引型 背负型 其它: \_\_\_\_\_

供电电压: 24V 48V 72V 其它: \_\_\_\_\_

轮式结构: 卧式舵轮 立式舵轮 差速轮 双差速轮组

牵引部分:

电机类型: 直流有刷 交流异步 伺服电机

反馈类型: 增量式 绝对值 其它: \_\_\_\_\_

是否带转向系统: 是 否

转向部分:

电机类型: 直流有刷 交流异步 伺服电机

反馈类型: 增量式 绝对值 其它: \_\_\_\_\_

每台车需配套牵引驱动轮的数量: 1 个 2 个 3 个 4 个 其它: \_\_\_\_\_

辅助支撑轮的数量: 2 个 3 个 4 个 其它: \_\_\_\_\_

车体自身重量: \_\_\_\_\_ kg 最大牵引/背负重量: \_\_\_\_\_ kg

空载最高速度: \_\_\_\_\_ km/h 满载最高速度: \_\_\_\_\_ km/h

满载最低速度: \_\_\_\_\_ km/h

爬坡/越障: \_\_\_\_\_ 坡度用百分比或角度 坡面长度: \_\_\_\_\_ mm

满载爬坡速度: \_\_\_\_\_ km/h 需求轮子直径: \_\_\_\_\_ mm

是否有防护等级要求: IP: \_\_\_\_\_ 无

电机工作制: S1 S2: \_\_\_\_\_ 60 min

请注明其它特定要求: \_\_\_\_\_

您的联系信息:

公司名称: \_\_\_\_\_ 注册地址: \_\_\_\_\_

部门: \_\_\_\_\_ 姓名: \_\_\_\_\_

电话: \_\_\_\_\_ 邮箱: \_\_\_\_\_

## 机械选型计算

P:电机功率(KW)  
T:电机扭矩(Nm)  
N:电机输出转速(r/min)  
n:电机转速(r/min)  
f:电源频率(Hz)  
p:极对数  
 $n_1$ :小齿轮转速(rpm)  
 $n_2$ :大齿轮转速(rpm)  
 $Z_1$ :小齿轮齿数  
 $Z_2$ :大齿轮齿数  
 $T_1$ :小齿轮扭矩(Nm)  
 $T_2$ :大齿轮扭矩(Nm)  
i:传动比

$$P = T \frac{N}{9550}$$

$$n = 60 \frac{f}{p}$$

$$\frac{n_1}{n_2} = \frac{Z_2}{Z_1} = \frac{T_2}{T_1}$$

转速与齿轮成反比  
扭矩与齿轮成正比

$$i = \frac{n_1}{n_2} = \frac{Z_2}{Z_1}$$

### 坡度换算

3%=1.72° 10%=5.7°  
5%=2.86° 15%=8.5°

## 舵轮转向扭矩计算

$\mu$ :静摩擦系数(0.3~0.5)  
m:质量(kg)  
g:重力系数  
L:轮宽(mm)  
T:转向所需扭矩(Nm)  
 $T_{\text{转}}$ :转向总扭矩(Nm)  
 $T_{\text{行}}$ :行走轮扭矩(Nm)  
 $T_3$ :转向电机扭矩(Nm)  
 $T_4$ :行走电机扭矩(Nm)  
 $\omega$ :转向角速度(°/sec)  
 $\eta_1$ :转向减速机效率  
 $\eta_2$ :转向机构效率  
v:驱动轮速(m/min)  
D:轮径(mm)

$$T = \frac{FL}{2} \times \frac{1}{1000}$$

$$F = \mu \cdot m \cdot g$$

$$T_{\text{转}} = i \frac{T_3 Z_2}{Z_1} \times \eta_1 \eta_2$$

$$T_3 = 9550 \frac{P}{N}$$

$$\omega = 6 \frac{N}{i} \times \frac{Z_1}{Z_2}$$

$$v = \frac{N}{i} \times \frac{D\pi}{1000}$$

$$T_{\text{行}} = T_4 \cdot i \cdot \eta_1$$

# Drive wheel selection table

Please fill in this below table, then our technical can recommend the exact item for you:

**Vehicle Type:** towing piggyback other: \_\_\_\_\_

**AGV Quantities:** \_\_\_\_\_

supply voltage: 24V 48V 72V other:\_\_\_\_\_

Structure of Drive wheel: Horizontal Vertical differential

**Traction Part:**

Motor Type: DC brushed AC asynchronous Servo

feedback type: incremental absolute

With steering motor or not: Yes No

**Steering Part:**

Motor Type: DC brushed AC asynchronous Servo

feedback type: incremental absolute

Number of drives per vehicle: 1pc 2pcs 3pcs 4pcs other:\_\_\_\_\_

Number of Casters per vehicle: 2pcs 3pcs 4pcs other:\_\_\_\_\_

Wheel diameter requirement: \_\_\_\_\_ mm

Vehicle only weight: \_\_\_\_\_ KGS

Vehicle+load weight: \_\_\_\_\_ KGS

Gradient: \_\_\_\_\_ %

the length of slope: \_\_\_\_\_ m

Vehicle speed on flat: \_\_\_\_\_ km/h

Vehicle speed on slope: \_\_\_\_\_ km/h

Maximum full load speed \_\_\_\_\_ km/h

Minimum full load speed \_\_\_\_\_ km/h

Protection level requirements IP: \_\_\_\_\_ no

Duty cycle: S1 S2: 60 min

Please note other special requirements if you have : \_\_\_\_\_

## Machinery selection calculation

P:Motor power(KW)

T:Motor torque(Nm)

N:Motor output speed(r/min)

n:Motor speed(r/min)

f:Power frequency(Hz)

p:Polar logarithm

$n_1$ :Pinion speed(rpm)

$n_2$ :Large gear speed(rpm)

$Z_1$ :Number of pinion teeth

$Z_2$ :Number of teeth of large gear

$T_1$ :Pinion torque(Nm)

$T_2$ :Large gear torque(Nm)

i:Gear ratio

$$P = T \frac{N}{9550}$$

$$n = 60 \frac{f}{p}$$

$$\frac{n_1}{n_2} = \frac{Z_2}{Z_1} = \frac{T_2}{T_1}$$

Speed is inversely proportional to gear  
Torque is proportional to gear

$$i = \frac{n_1}{n_2} = \frac{Z_2}{Z_1}$$

## Slope conversion

3%=1.72° 10%=5.7°

5%=2.86° 15%=8.5°

## Steering torque calculation of steering wheel

$\mu$ :Statioc friction coefficient(0.3~0.5)

m:Mass(kg)

g:Gravity coefficient

L:Wheel width(mm)

T:Torque required for steering(Nm)

$T_{\text{转}}$ :Total steering torque(Nm)

$T_{\text{行}}$ :Running wheel torque(Nm)

$T_3$ :Steering motor torque(Nm)

$T_4$ :Walking motor torque(Nm)

$\omega$ :Steering angular speed(°/sec)

$\eta_1$ :Steering reducer efficiency

$\eta_2$ :Steering mechanism efficiency

v:Driving wheel speed(m/min)

D:Wheel diameter(mm)

$$T = \frac{FL}{2} \times \frac{1}{1000}$$

$$F = \mu \cdot m \cdot g$$

$$T_{\text{转}} = i \frac{T_3 Z_2}{Z_1} \times \eta_1 \eta_2$$

$$T_3 = 9550 \frac{P}{N}$$

$$\omega = 6 \frac{N}{i} \times \frac{Z_1}{Z_2}$$

$$v = \frac{N}{i} \times \frac{D\pi}{1000}$$

$$T_{\text{行}} = T_4 \cdot i \cdot \eta_1$$

卧式舵轮选型表 Selection Table for Horizontal drive Wheel

		行走部分 Traction system section									转向部分 Drive wheel section						
系列	型号	额定电压 (V)	功率 (W)	额定电流 (A)	转速 (rpm)	额定扭矩 (Nm)	减速比 (I)	输出扭矩 (Nm)	最大扭矩 (Nm)	最大承载 (Kg)	额定电压 (V)	功率 (W)	额定电流 (A)	转速 (rpm)	额定扭矩 (Nm)	减速比 (I)	输出扭矩 (Nm)
Series	Model	Rated voltage (V)	Power (W)	Rated current (A)	Speed (rpm)	Rated torque (Nm)	Reduction ratio (I)	Output torque (Nm)	Maximum torque (Nm)	Maximum load capacity (Kg)	Rated voltage (V)	Power (W)	Rated current (A)	Speed (rpm)	Rated torque (Nm)	Reduction ratio (I)	Output torque (Nm)
TEC-150	TEC150P751SP30-21-2H/22HS	48	750	18	3000	2.4	21	40	114	600	48	100	4	3000	0.32	50	13
	TEC150P102SP30-21-2H/22HS	48	1000	27	3000	3.2	21	54	14	600	48	200	6.4	3000	0.64	50	28
TEC-167	TEC167P401SP30-21-1H/11HS	24	400	18.4	3000	1.27	21	23	69	800	24	100	9	3000	0.32	50	13
	TEC167P401SP30-32-1H/11HS	24	400	18.4	3000	1.27	32	35	105	800	24	100	9	3000	0.32	50	13
	TEC167P751SP30-21-2H/22HS	48	750	18	3000	2.4	21	40	120	800	48	200	6.4	3000	0.64	50	28
	TEC167P102SP30-32-2H/22HS	48	1000	26.4	3000	3.18	32	88	240	800	48	200	6.4	3000	0.64	50	28
TEC-198	TEC198P302SP30-32-2H/22HS	48	3000	68	3000	9.55	32	260	576	1500	48	400	9.9	3000	1.27	50	54
TEC-220	TEC198P302SP30-32-2H/22HS	48	750	18	3000	2.4	28	58	174	1000	48	200	8.3	3000	0.64	50	28
	TEC220P751SP30-28-2H/22HS	48	750	18	3000	2.4	40	82	246	1000	48	200	8.3	3000	0.64	50	28
	TEC220P102SP30-40-2H/22HS	48	1000	26.4	3000	3.18	40	102	306	1000	48	200	5.7	3000	0.64	50	28
TEC-250	TEC250P152SP20-27-2H/22HS	48	1500	35	2000	7.16	27	165	480	1600	48	400	9.9	3000	1.27	50	54
	TEC250P152SP20-40-2H/22HS	48	1500	35	2000	7.16	40	245	735	1600	48	400	9.9	3000	1.27	50	54
	TEC250P152SP20-27-2H/22HS	48	2000	50	2000	9.55	27	220	480	1600	48	400	9.9	3000	1.27	50	54
	TEC250P152SP20-27-2H/22HS	48	2000	50	2000	9.55	40	325	880	1600	48	400	9.9	3000	1.27	50	54
TEC-270	TEC270P252SP20-28-2H/22HS	48	2500	55	2000	11.9	28	284	872	2000	48	750	19	3000	2.4	50	102
	TEC270P252SP20-40-2H/22HS	48	2500	55	2000	11.9	40	405	1040	2000	48	750	19	3000	2.4	50	102
TEC-300	TEC300P302SP25-21-2H/22HS	48	3000	74	2500	12	21	214	642	3000	48	750	19	3000	2.4	50	102
	TEC300P302SP25-40-2H/22HS	48	3000	74	2500	12	40	408	1080	3000	48	750	19	3000	2.4	50	102
	TEC300P402SP25-21-2H/22HS	48	4000	96	2500	15	21	268	780	3000	48	750	19	3000	2.4	50	102
	TEC300P402SP25-40-2H/22HS	48	4000	96	2500	15	40	510	1080	3000	48	750	19	3000	2.4	50	102
TEC-410	TEC410P582SP20-40-2H/22HS	48	5800	150	2000	27	40	918	3060	6000	48	1000	23.5	3000	3.2	64	174
	TEC410P582SP20-70-2H/22HS	48	5800	150	2000	27	70	1610	3060	6000	48	1000	23.5	3000	3.2	64	174
	TEC410P752SP20-40-2H/22HS	48	7500	208	2000	35	40	1190	2980	6000	48	1000	23.5	3000	3.2	64	174
	TEC410P752SP20-70-2H/22HS	48	7500	208	2000	35	70	2080	3060	6000	48	1000	23.5	3000	3.2	64	174
TEC-500	TEC500P752SP20-120-3H/3HS	72	7500	140	2000	35.8	120	3650	6400	8000	72	3000	55	3000	9.55	80	649
TEC-550	TEC550P752SP20-120-3H/3HS	72	9000	196	1500	48	82.87	3356	10000	20000	48	3000	42	3000	10	120	1020
TEC-600	TEC600P802SP20-120-2H/22HS	48	8000	196	2000	40	120	4080	6400	12000	48	3000	75	1500	19.1	80	1300
	TEC600P902SP15-120-3H/33HS	72	9000	196	1500	48	82.87	3356	10000	20000	48	3000	42	3000	10	120	1100

## 卧式减震舵轮选型表

Selection Table for Horizontal drive Wheel with shock-absorbing structure

		行走部分 Traction system section								转向部分 Drive wheel section								
系列	型号	额定电压 (V)	功率 (W)	额定电流 (A)	转速 (rpm)	额定扭矩 (Nm)	减速比 (l)	输出扭矩 (Nm)	最大扭矩 (Nm)		最大承载 (Kg)	额定电压 (V)	功率 (W)	额定电流 (A)	转速 (rpm)	额定扭矩 (Nm)	减速比 (l)	输出扭矩 (Nm)
Series	Model	Rated voltage (V)	Power (W)	Rated current (A)	Speed (rpm)	Rated torque (Nm)	Reduction ratio (l)	Output torque (Nm)	Maximum torque (Nm)		Maximum load capacity (Kg)	Rated voltage (V)	Power (W)	Rated current (A)	Speed (rpm)	Rated torque (Nm)	Reduction ratio (l)	Output torque (Nm)
TEC-150	TEC150P750SP30-21-22HSJ	48	750	20	3000	2.4	21	42	114		500	48	200	6	3000	0.64	50	28
TEC-167	TEC167P102SP30-32-22HSJ	48	1000	27	3000	3.2	32	87	261		600	48	200	6.4	3000	0.64	50	28
TEC-198	TEC198P152SP30-32-22HSJ	48	1500	39	3000	4.8	32	131	261		1200	48	400	11.5	3000	1.28	50	54
TEC-220	TEC220P102SP30-40-22HSJ	48	1000	27	3000	3.2	40	109	320		1000	48	400	11.5	3000	1.28	50	54
TEC-250	TEC250P152SP30-40-22HSJ	48	1500	39	3000	4.8	40	163	486		1200	48	400	11.5	3000	1.28	50	54

## 立式舵轮选型表 Selection Table for Vertical Drive Wheel

		行走部分 Traction system section								转向部分 Drive wheel section								
系列	型号	额定电压 (V)	功率 (W)	额定电流 (A)	转速 (rpm)	额定扭矩 (Nm)	减速比 (l)	输出扭矩 (Nm)	最大扭矩 (Nm)		最大承载 (Kg)	额定电压 (V)	功率 (W)	额定电流 (A)	转速 (rpm)	额定扭矩 (Nm)	减速比 (l)	输出扭矩 (Nm)
Series	Model	Rated voltage (V)	Power (W)	Rated current (A)	Speed (rpm)	Rated torque (Nm)	Reduction ratio (l)	Output torque (Nm)	Maximum torque (Nm)		Maximum load capacity (Kg)	Rated voltage (V)	Power (W)	Rated current (A)	Speed (rpm)	Rated torque (Nm)	Reduction ratio (l)	Output torque (Nm)
TEC-230	TEC-230P152AP-30-11VS-M	24	1500	76	2590	5.5	30	108	300		1500	24	650	36	3487	1.78	50	71.2
	TEC-230P152AP-30-11VS-K	24	1500	76.2	3200	4.5	30	108	300		1500	24	400	24	3000	1.27	33.92	34.4
	TEC-230P152AP-30-11VSJ-K	24	1500	76.2	3200	4.5	30	108	300		1500	24	400	24	3000	1.27	33.92	34.4
	TEC-230P152SP-30-22VSJ-A	48	1500	34	2500	5.73	30	145	365		1500	48	400	9.9	3000	1.27	50	42
TEC-250	TEC-250P162AP-19-11VS-M	24	1600	100	2400	6.4	19	103	260		1800	24	650	36	3487	1.78	50	71.2
	TEC-250P162AP-19-11VS-K	24	1600	100	2400	6.4	19	103	260		1800	24	400	24	3000	1.27	33.92	34.4
	TEC-250P162AP-19-11VS-K	48	1600	35	2500	6.11	19	98.6	246		1800	48	400	9.9	3000	1.27	50	42
	TEC-250P252SP-19-22VS-A	48	2500	63	2500	9.55	19	163	450		1800	48	400	9.9	3000	1.27	50	42
TEC-310	TEC-310P302AP-23-11VS-M	24	3000	137	2500	11.46	23	224	650		2200	24	600	38.5	2275	2.52	45	95.6
	TEC-310P302AP-23-22VS-K	48	3000	68	2500	11.5	23	224	650		2200	48	600	15	2500	2.3	50	108
TEC-343	TEC-343P652AP-20-22VS-M	48	6500	180	2800	23	20.0	395	988		3200	48	1200	33	3000	3.82	50	191
TEC-406	TEC-406P802AP-24-22VS-M	48	8000	207	1420	54	24	1054	2592		6000	48	2000	57	3000	6.4	50	305
TEC-457	TEC-4475P103AP-25-44VS-M	80	10000	142	1200	85	23.32	1684	4507		6500	80	3000	43	1500	19	50	305
TEC-470	TEC-4475P103AP-25-44VS-M	80	10000	142	1200	85	23.32	1684	4507		6500	80	3000	43	1500	19	50	305

差速轮选型表 Selection Table for Differential Drive Wheel

型号	电机类型	轮径	功率	减速比	扭矩	承载
Model	Series	Wheel diameter (mm)	Power (W)	Reduction ratio (rpm)	Torque (Nm)	Load bearing (kg)
TEC-120P201SP30-12-2DB	伺服(PMAC)	120	200	12	7.3	200
TEC-120P401SP30-20-2DB	伺服(PMAC)	120	400	20	30	200
TEC-150P201SP30-16-2DB	伺服(PMAC)	150	200	16	9.37	400
TEC-150P401SP30-25-2DB	伺服(PMAC)	150	400	25	29.6	500
TEC-180P751SP30-28-2DB	伺服(PMAC)	180	750	28	64	500
TEC-180P102SP30-28-2DB	伺服(PMAC)	180	1000	28	85	500
TEC-180P152SP30-16-2DB	伺服(PMAC)	180	1000	28	85	500
TEC-200P751SP30-15-2DB	伺服(PMAC)	200	750	15	30	600
TEC-220P152SP30-15-2DB	伺服(PMAC)	220	1500	15	61	1400
TEC-240P152SP30-20-2DB	伺服(PMAC)	240	1500	20	81	1200
TEC-250P152SP30-16-2DB	伺服(PMAC)	250	1500	16	65	1600

差速轮组选型表 Selection Table for Dual Differential Drive Wheel

型号	额定电压(V)	牵引功率(W)	额定电流(A)	额定转速(rpm)	额定力矩(Nm)	输出力矩(Nm)	减速比(l)	峰值力矩(Nm)	最大载荷(Nm)
Model	Rated voltage (V)	Traction power (W)	Rated current (A)	Rated speed (rpm)	Rated torque (Nm)	Output torque (Nm)	Reduction ratio (l)	Peak torque (Nm)	Maximum load (Nm)
TEC-85P201SP30-8-2DDB	48	2*200	5.3	3000	2*0.64	2*4.5	8	12	500
TEC-105P401SP30-11-2DDB	48	2*200/2*400	5.3/10.1	3000	2*0.64/2*1.27	2*6.5/2*12.5	11.6	40	500/650
TEC-240P751SP30-24-2DDB	48	2*750	24	3000	2*2.4	2*50	24	180	2000
TEC-280P202SP30-55-2DDB	48	2*2000	48	3000	2*6.4	2*320	55	960	5500
TEC-400P302SP20-80-2DDB	48	2*3000	66	2000	2*14.3	2*1030	80	3700	10000
TEC500P552SP15-128-2DDJ	48	2*5500	145	1500	2*35	2*2400	128	4320	20000

## 企业愿景

让机器都可以懂得“思考”，  
赋能中国智造。

**Corporate Vision:**  
Enable machines to "think" and  
empower China's intelligent  
manufacturing.

## 企业使命

创新搬运、共享智慧  
改善工业物流运输最后一公里

**Corporate Mission:**  
Innovate material handling, share  
intelligence, and improve the last mile  
of industrial logistics transportation.

## 企业价值观

- 1、客户认可的产品与服务才有价值!
- 2、持续进步是企业长青的唯一方法!
- 3、质量是公司成长的“驱动器”，  
信誉是公司前进的“驱动轮”!

## Corporate Values

- 1、Only products and services recognized by customers have value!
- 2、Continuous improvement is the only way for a company to thrive!
- 3、Quality is the "driver" of company growth, and reputation is the "driving wheel" of company progress!