

# 标准中空旋转平台

## STANDARD HOLLOW ROTARY GEARBOX



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## 型号说明 MODEL ILLUMINATE

HRG	62	RL	05	8	30	45
系列 series	型号规格 Model Specifications	选配 Optional	速比 speed ratio	电机轴径 Motor shaft diameter	电机定位凸台 Motor positioning boss	电机安装孔距 Motor mounting hole distance
HRG HRA HRZ	62 85 130 200 280	RL:直角标准 RL: Right Angle Standard RY:直角右 RY: Right angle right RZ:直角左 RZ: Right Angle Left JS:同轴减速机 JS: Coaxial reducer	05 10			注:(伺服电机安装面对角孔距) (步进电机安装面单边孔距) Note: (The corner hole distance of the servo motor mounting face) (Single side hole spacing of stepper motor mounting surface)

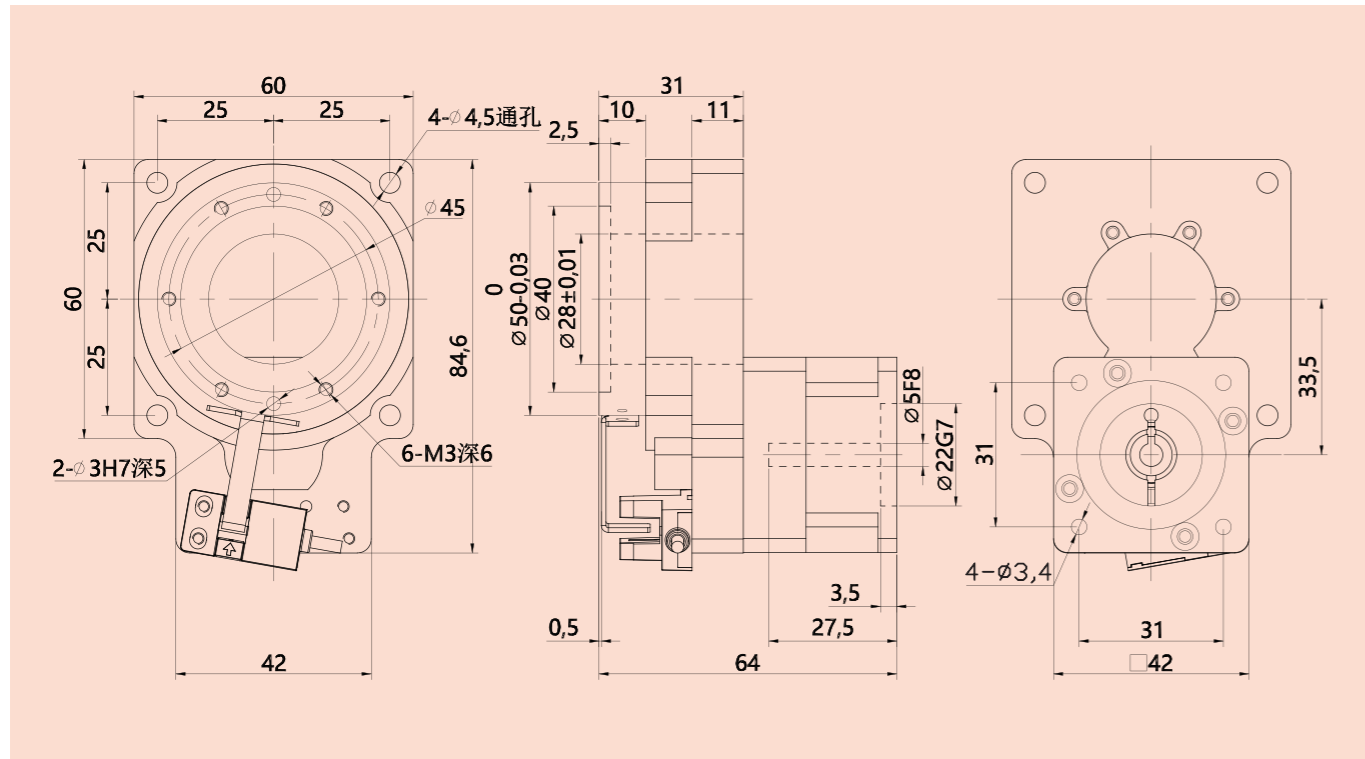
## 技术参数 TECHNICAL PARAMETER

型号 Model	单位 Unit	HRG62-05配42步进	HRG62-05配100W伺服	HRG62-10配42步进	HRG62-10配100W伺服
减速比 Ratio		5	5	10	10
额定输出扭矩 Rated torque	N·m	5	5	4	4
最大输出扭矩 Maximum torque		3倍额定输出扭矩 3 times rated torque			
轴承结构 Bearing		交叉滚子轴承 Cross roller bearing			
容许轴向负载 Allowable axial load	N	230			
容许惯性力矩 Allowable inertia torque	N·m	5			
容许盘面转速 Allowable output speed		200rpm(间歇运转 Indexing operation)			
旋转平台平行度 Outqut concentricity	mm	≤0.01			
旋转平台同心度 Overturning torque	mm	≤0.01			
齿隙 Backlash		无齿隙(可调节结构) Zero backlash (adjustable structure)			
扭转刚性 Torsional rigidity	N·m/arcmin	2.5			
精度寿命 Acuracy life		30000h(间歇运转 Indexing operation)			
定位精度 Positioning accuracy	arcmin	≤2			
反复定位精度 Repeatability	arcsec	≤15			
防护等级 Protection level		IP50			
适配电机接口 Adapter motor interface		42步进 05-022-031×31	100W伺服(08-030-046)	42步进 05-022-031×31	100W伺服(08/030-046)
光电开关 Sensor		标配 Free supply			
润滑方式 Lubrication method		长效润滑 Long term lubrication			
传动效率 Efficiency		95%			
噪音 Noise	dB	≤55			
重量 Weight	kg	0.6			
安装方式 Installation method		任意 Arbitrarily			
设计承重 Design load	kg	7	7	5	5

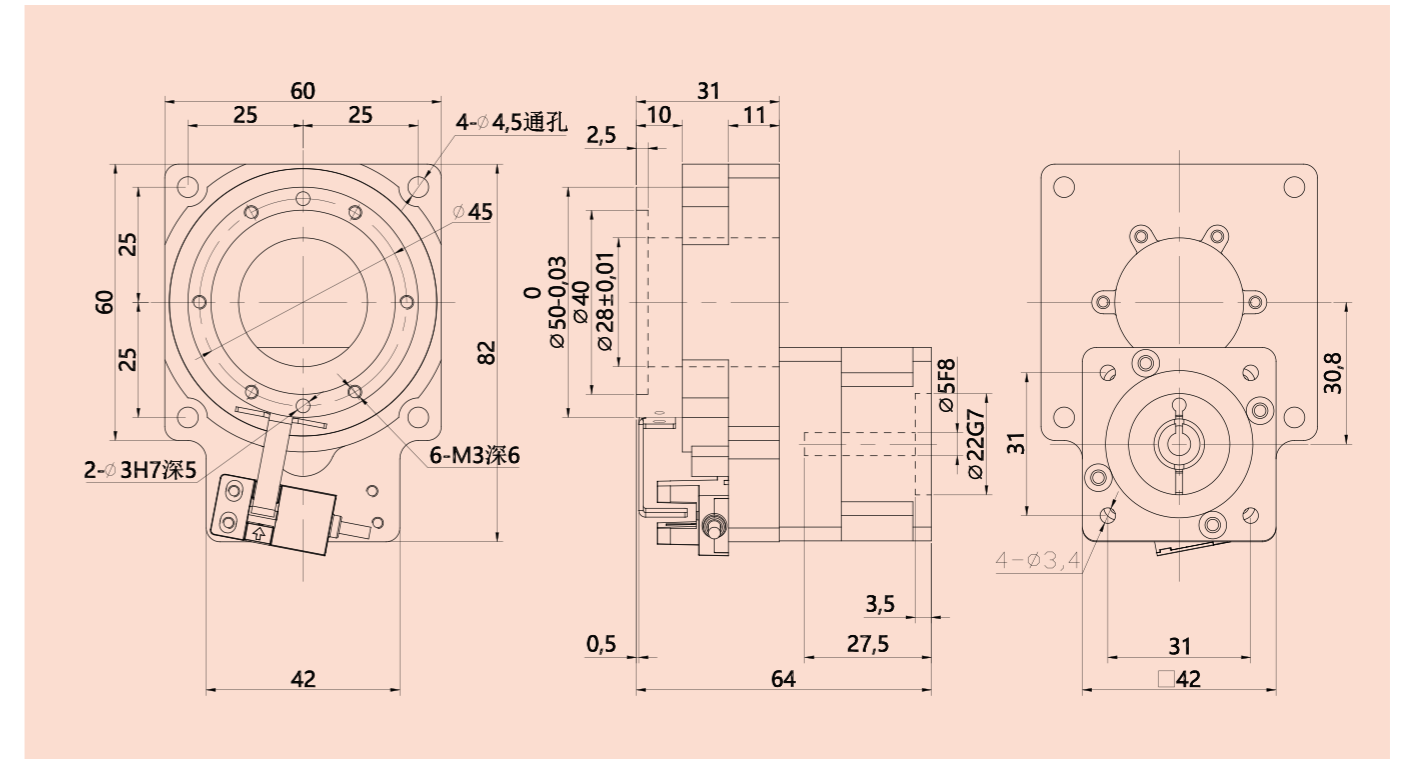
\*以上技术参数仅供参考, 实际根据客户提供的数据, 会出具相关的技术参数及尺寸。

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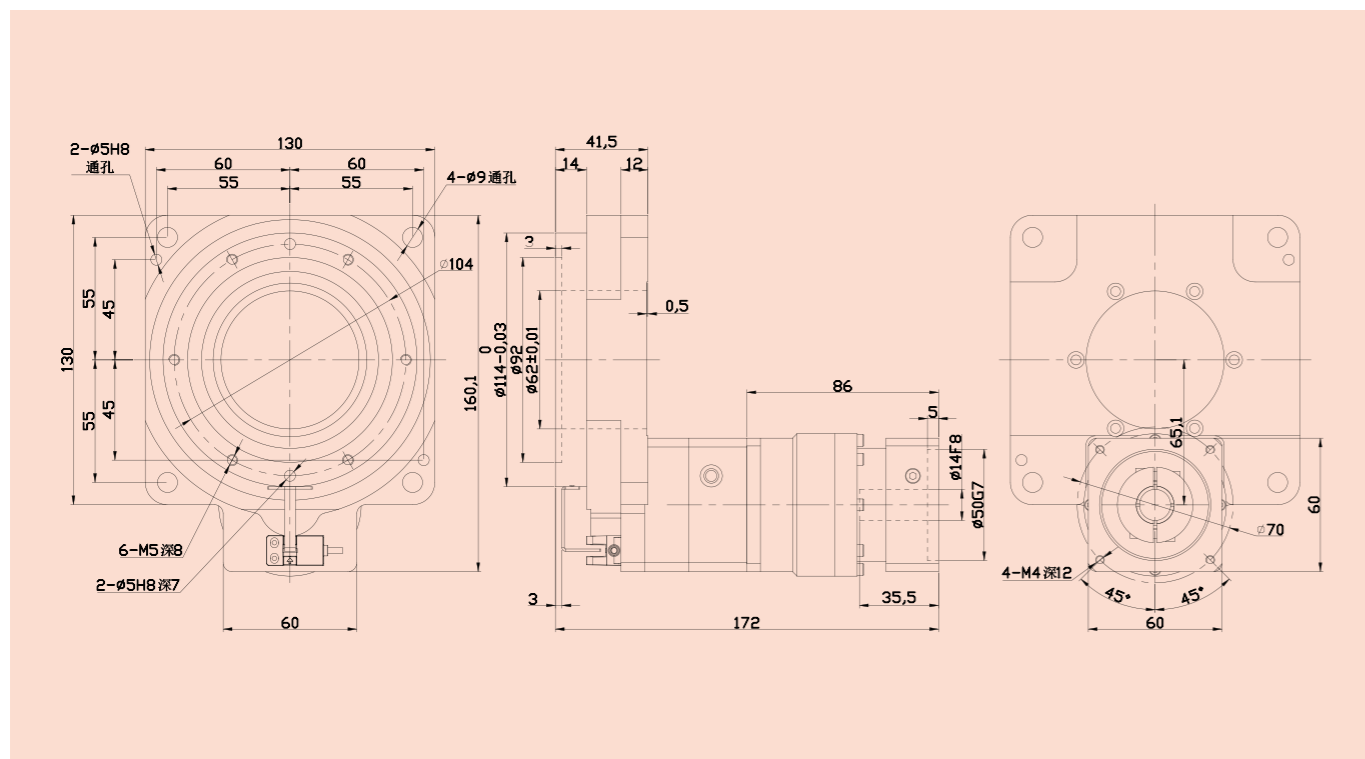
HRG62-05配42步进 HRG62-10 with 42 stepping motor



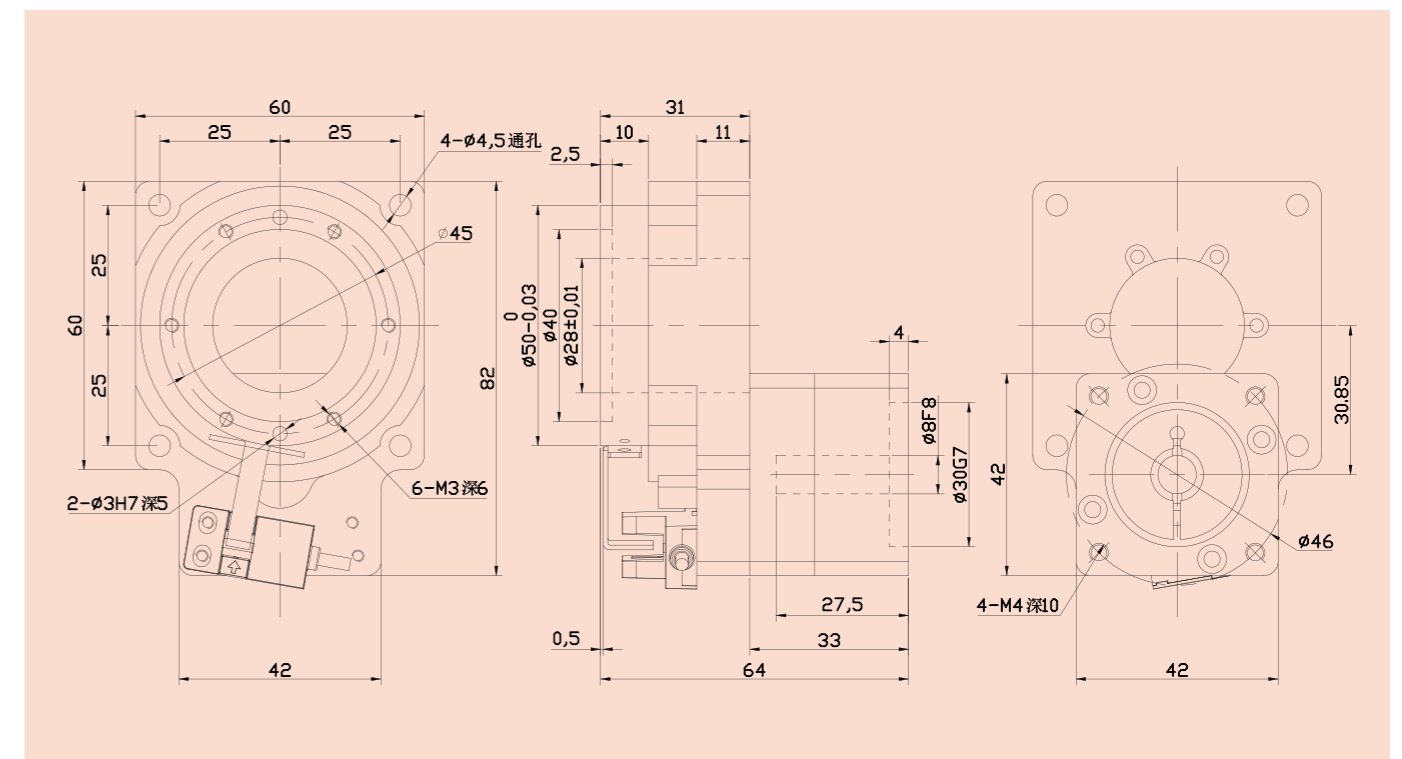
HRG62-10配42步进 HRG62-10 with 42 stepping motor



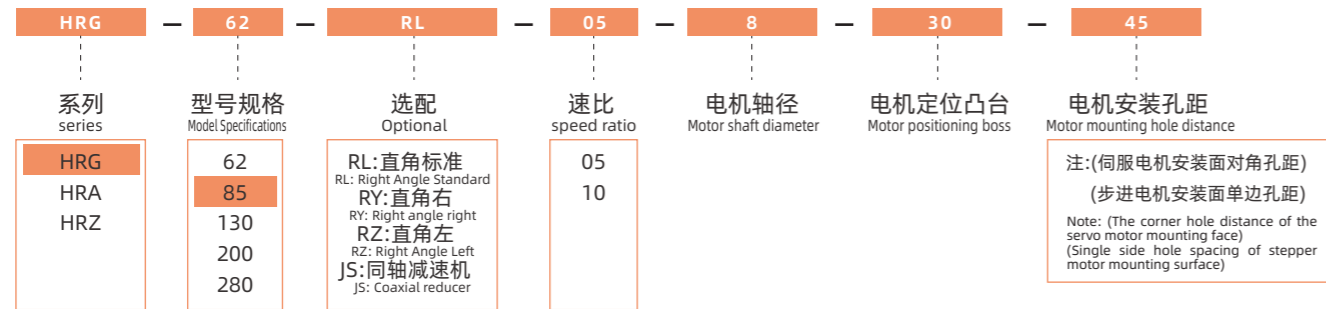
HRG62-05配100W伺服 HRG62-05 with 100W servo motor



HRG62-10-配100W伺服 HRG62-10 with 100W servo motor



## 型号说明 MODEL ILLUMINATE



## 技术参数 TECHNICAL PARAMETER

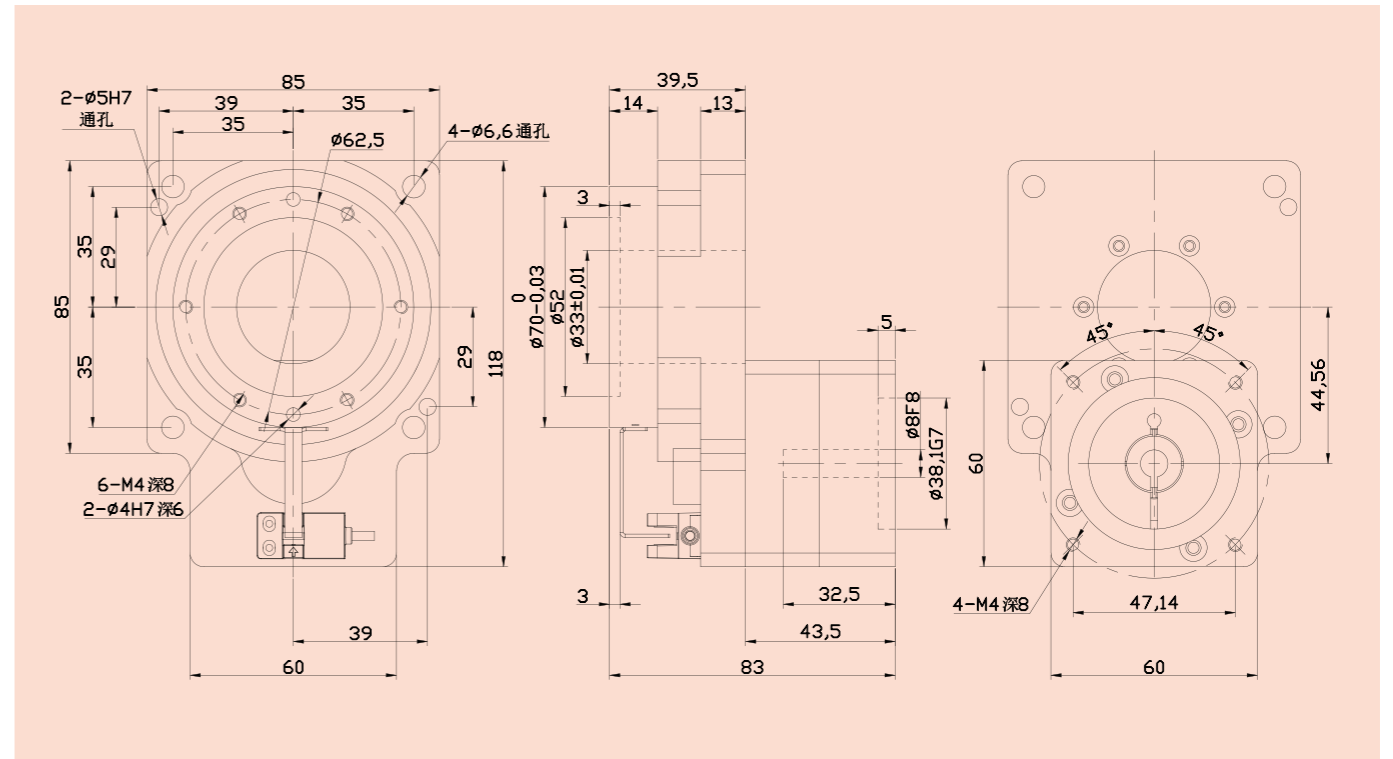
型号 Model	单位 Unit	HRG85-05配57步进	HRG85-05配400W电机	HRG85-10配57步进	HRG85-10配400W伺服
减速比 Ratio		5	5	10	10
额定输出扭矩 Rated torque	N·m	28	28	18	18
最大输出扭矩 Maximum torque		3倍额定输出扭矩3 times rated torque			
轴承结构 Bearing		交叉滚子轴承Cross roller bearing			
容许轴向负载 Allowable axial load	N	500			
容许惯性力矩 Allowable inertia torquel	N·m	10			
容许盘面转速 Allowable output speed		200rpm(间歇运转Indexing operation)			
旋转平台平行度 Outqut concentricity	mm	≤0.01			
旋转平台同心度 Overturning torque	mm	≤0.01			
齿隙 Backlash		无齿隙(可调节结构)Zero backlash (adjustable structure)			
扭转刚性 Torsional rigidity	N·m/arcmin	6			
精度寿命 Aocuracy life		30000h(间歇运转Indexing operation)			
定位精度 Positioning accuracy	arcmin	≤1			
反复定位精度 Repeatability	arcsec	≤15			
防护等级 Protection level		IP50			
适配电机接口 Adapter motor interface		57步进Ø8/Ø38.1-Ø方47.14	400W伺服(Ø14-Ø50-Ø70)	57步进Ø8/Ø38.1-Ø方47.14	400W伺服 (Ø14/Ø50-Ø70)
光电开关 Sensor		标配 Free supply			
润滑方式 Lubrication method		长效润滑Long term lubrication			
传动效率 Efficiency		95%			
噪音 Noise	dB	55			
重量 Weight	kg	1.4			
安装方式 Installation method		任意 Arbitrarily			
设计承重 Design load	kg	28	28	28	28

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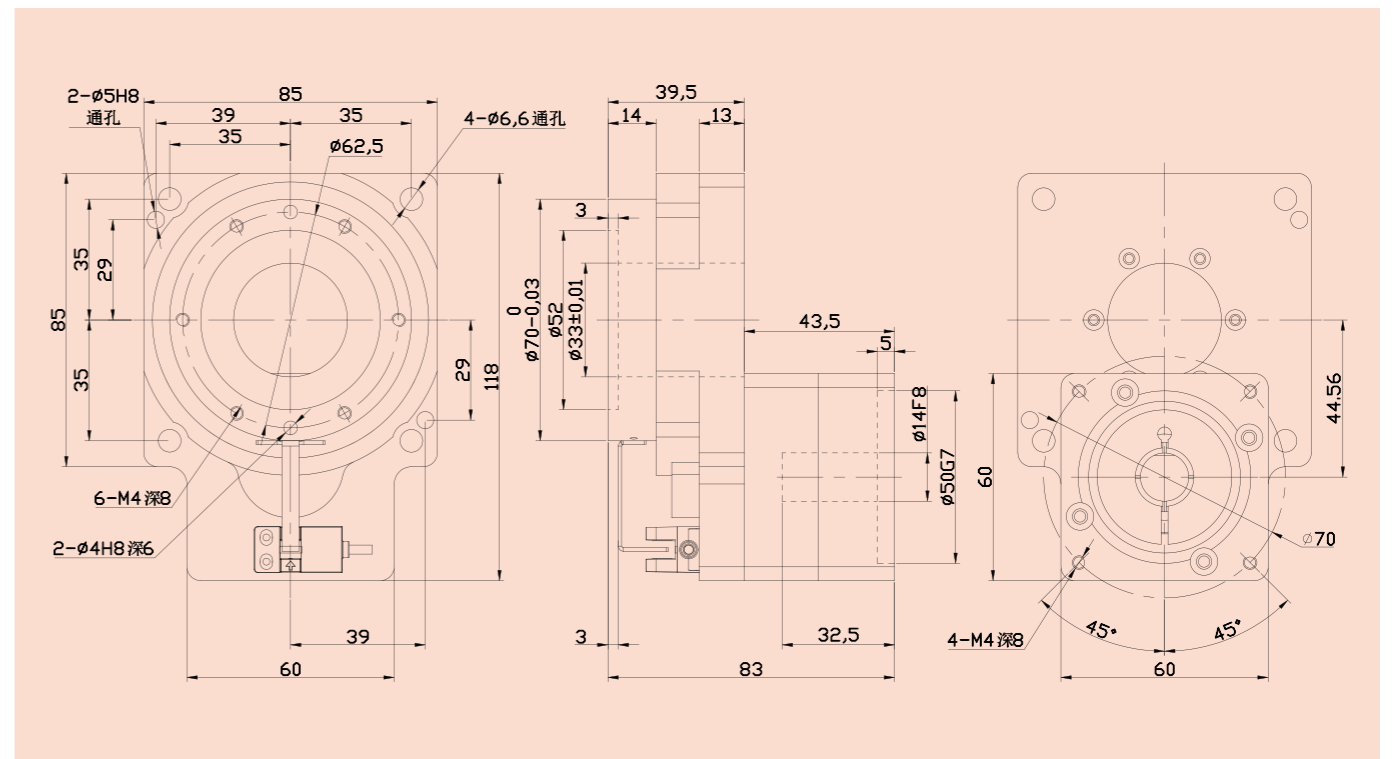
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## 外形尺寸图表 Outline dimensional

### HRG85-05配57步进 HRG85-05 with 57 stepping motor



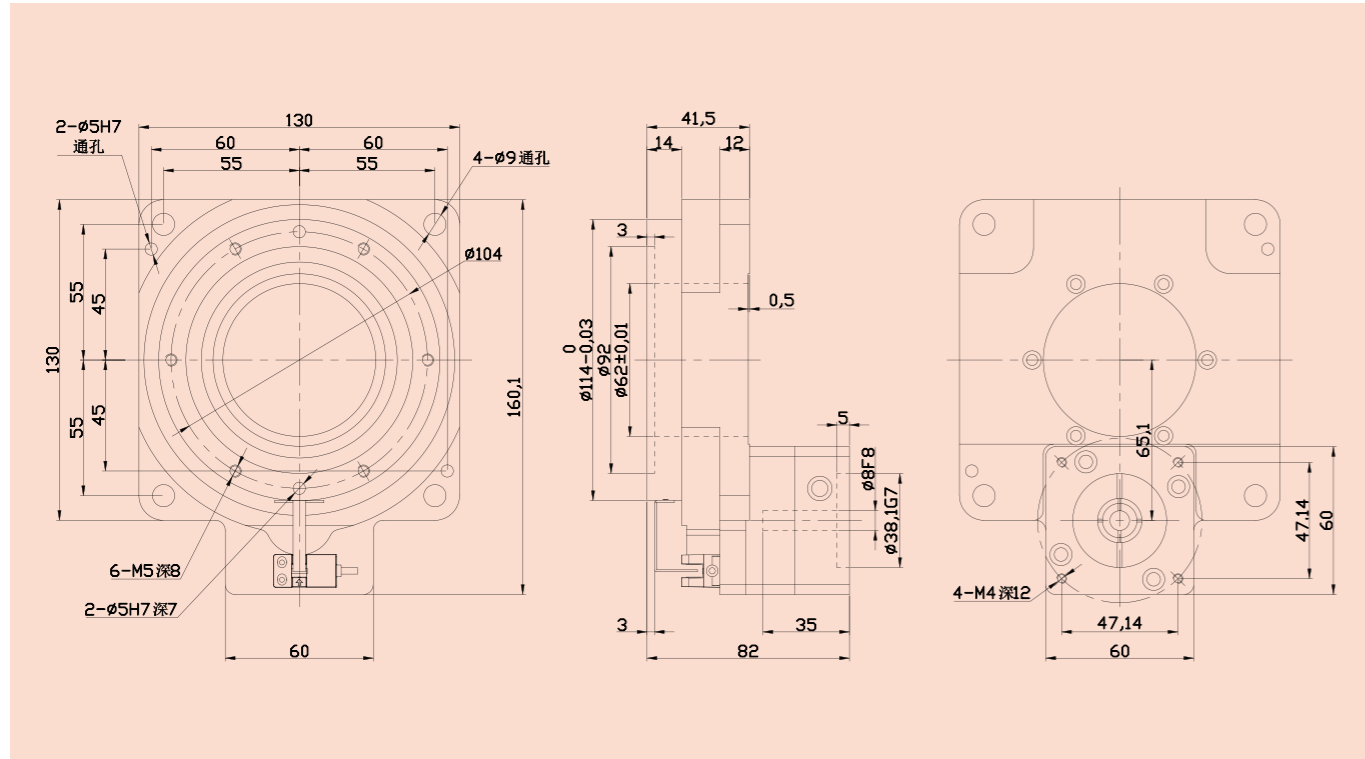
### HRG85-05配400W电机 HRG85-05 with 400W motor



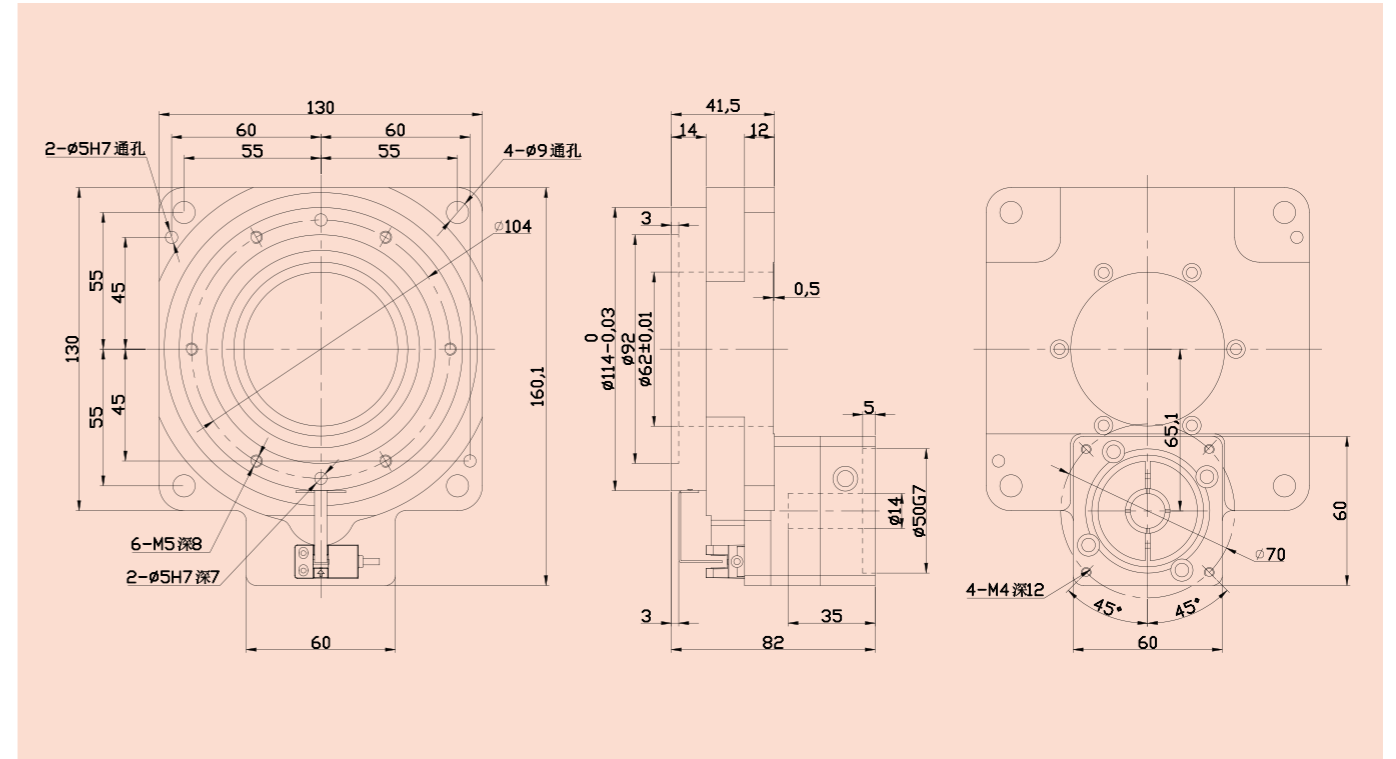


外形尺寸图表 Outline dimensional

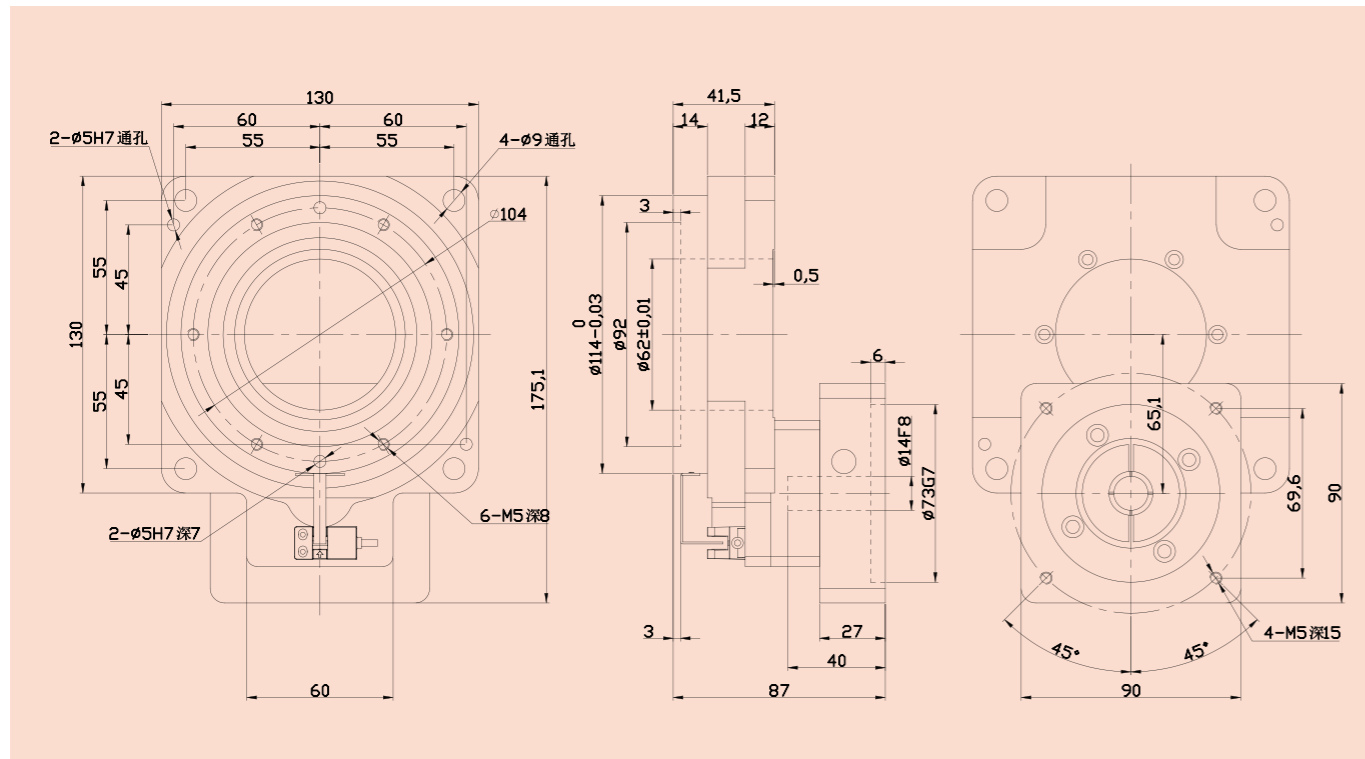
HRG130配57步进 HRG130 with 57 stepping motor



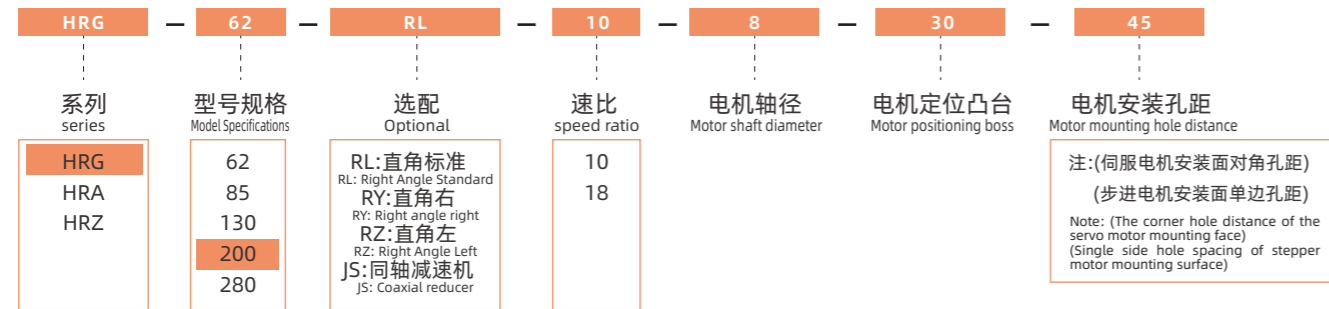
HRG130-配400W伺服 HRG130 with 400W servo motor



HRG130配86步进 HRG130 with 86 stepping motor



## 型号说明 MODEL ILLUMINATE



## 技术参数 TECHNICAL PARAMETER

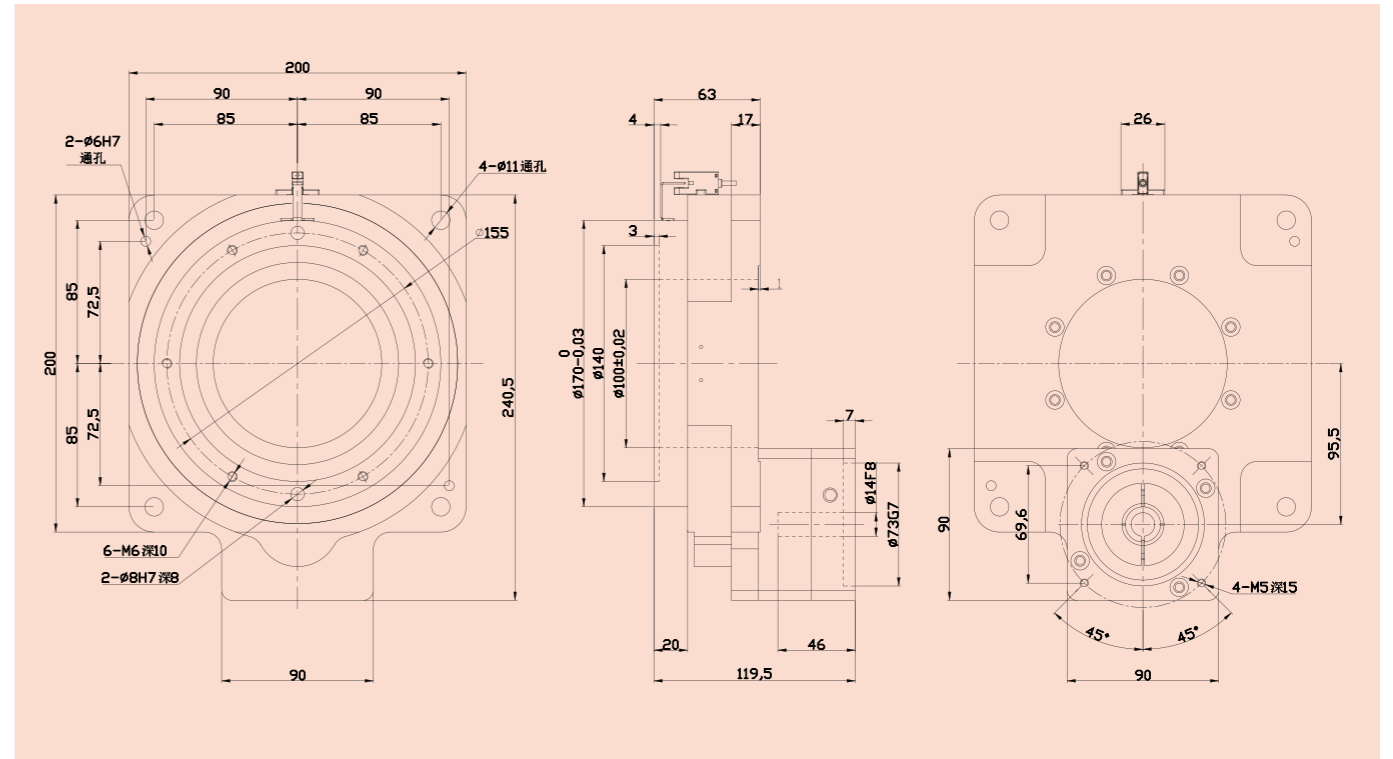
型号 Model	单位 Unit	HRG200配86步进		HRG200配750W伺服	
减速比 Ratio		10	18	10	18
额定输出扭矩 Rated torque	N·m	70	55	70	55
最大输出扭矩 Maximum torque		3倍额定输出扭矩3 times rated torque			
轴承结构 Bearing		交叉滚子轴承Cross roller bearing			
容许轴向负载 Allowable axial load	N	4000			
容许惯性力矩 Allowable inertia torquel	N·m	100			
容许盘面转速 Allowable output speed		200rpm(间歇运转Indexing operation)			
旋转平台平行度 Outqut concentricity	mm	≤0.02			
旋转平台同心度 Overturning torque	mm	≤0.01			
齿隙 Backlash		无齿隙(可调节结构)Zero backlash (adjustable structure)			
扭转刚性 Torsional rigidity	N·m/arcmin	32			
精度寿命 Aocuracy life		30000h(间歇运转Indexing operation)			
定位精度 Positioning accuracy	arcmin	≤1			
反复定位精度 Repeatability	arcsec	≤15			
防护等级 Protection level		IP50			
适配电机接口 Adapter motor interface		86步进Ø14-Ø73-方69.6		750W伺服Ø19-Ø70-Ø90	
光电开关 Sensor		标配 Free supply			
润滑方式 Lubrication method		长效润滑Long term lubrication			
传动效率 Efficiency		95%			
噪音 Noise	dB	63			
重量 Weight	kg	8.1			
安装方式 Installation method		任意Arbitrarily			
设计承重 Design load	kg	75			

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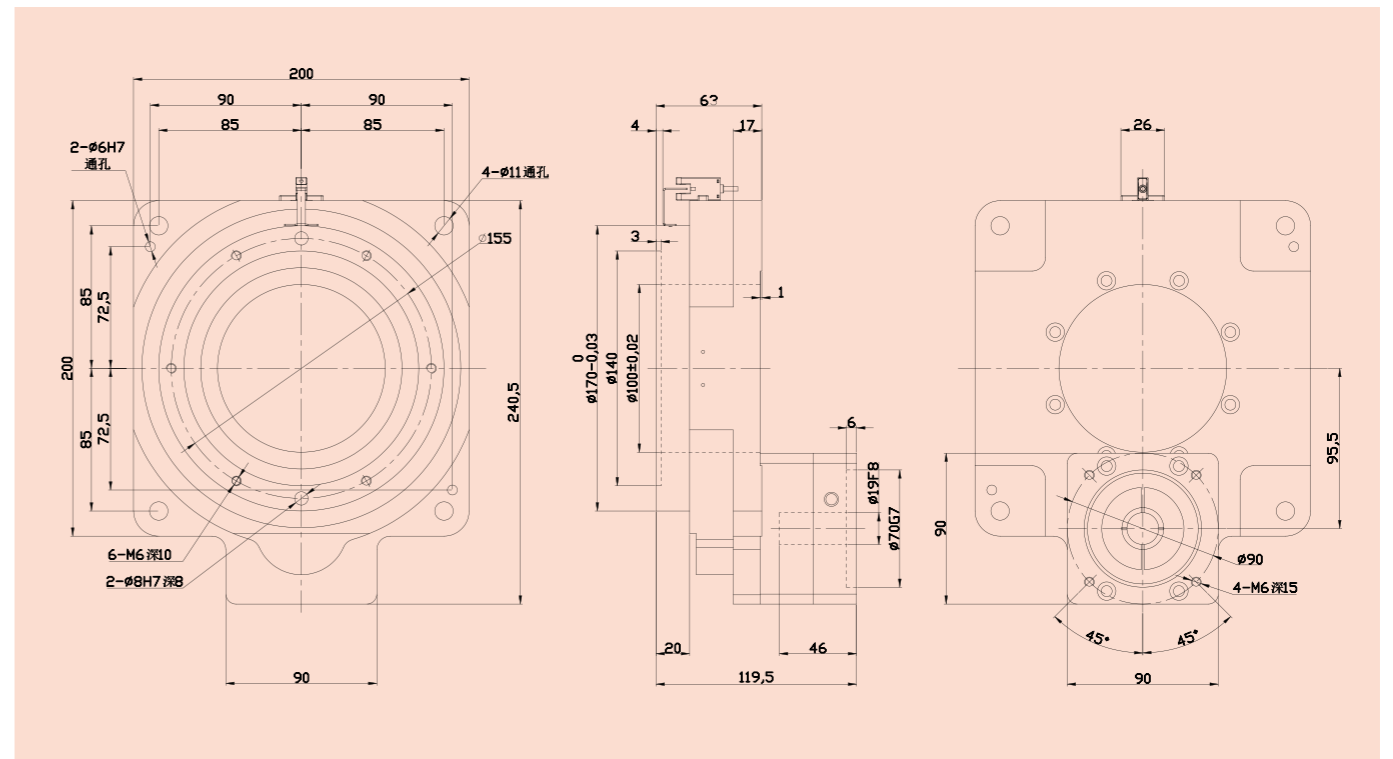
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## 外形尺寸图表 Outline dimensional

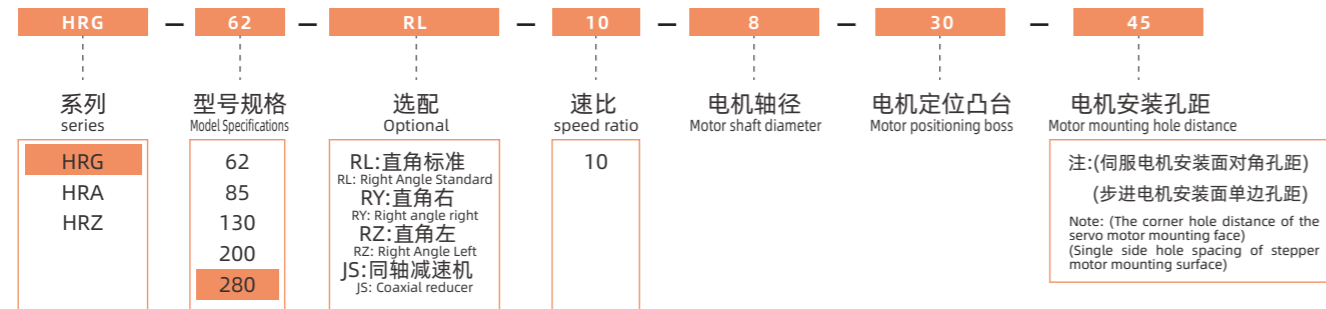
### HRG200配86步进 HRG200 with 86 stepping motor



### HRG200配750W伺服 HRG200 with 750W servo motor



## 型号说明 MODEL ILLUMINATE



## 技术参数 TECHNICAL PARAMETER

型号 Model	单位 Unit	HRG280配1KW伺服
减速比 Ratio		10
额定输出扭矩 Rated torque	N·m	130
最大输出扭矩 Maximum torque		3倍额定输出扭矩3 times rated torque
轴承结构 Bearing		交叉滚子轴承Cross roller bearing
容许轴向负载 Allowable axial load	N	8000
容许惯性力矩 Allowable inertia torquel	N·m	200
容许盘面转速 Allowable output speed		200rpm(间歇运转Indexing operation)
旋转平台平行度 Outqut concentricity	mm	≤0.03
旋转平台同心度 Overturning torque	mm	≤0.015
齿隙 Backlash		无齿隙(可调节结构)Zero backlash (adjustable structure)
扭转刚性 Torsional rigidity	N·m/arcmin	58
精度寿命 Aocuracy life		30000h(间歇运转Indexing operation)
定位精度 Positioning accuracy	arcmin	≤1
反复定位精度 Repeatability	arcsec	≤15
防护等级 Protection level		IP50
适配电机接口 Adapter motor interface		1KW伺服Ø24-Ø110-方145
光电开关 Sensor		标配 Free supply
润滑方式 Lubrication method		长效润滑Long term lubriciation
传动效率 Efficiency		95%
噪音 Noise	dB	67
重量 Weight	kg	20
安装方式 Installation method		任意Arbitrarily
设计承重 Design load	kg	130

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## 外形尺寸图表 Outline dimensional

### HRG280配1KW伺服 HRG280 with 1KW servo motor

