

直角中空旋转平台

RIGHT ANGLE HOLLOW ROTARY GEARBOX



RIGHT ANGLE HOLLOW ROTARY GEARBOX 直角中空旋转平台

型号说明 MODEL ILLUMINATE

HRT	130	15	8	30	45
系列 series	型号规格 Model Specifications	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
HRT	130 180 225 260	L1:15,21,30 L2:60,75,105,120,150,210,300			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

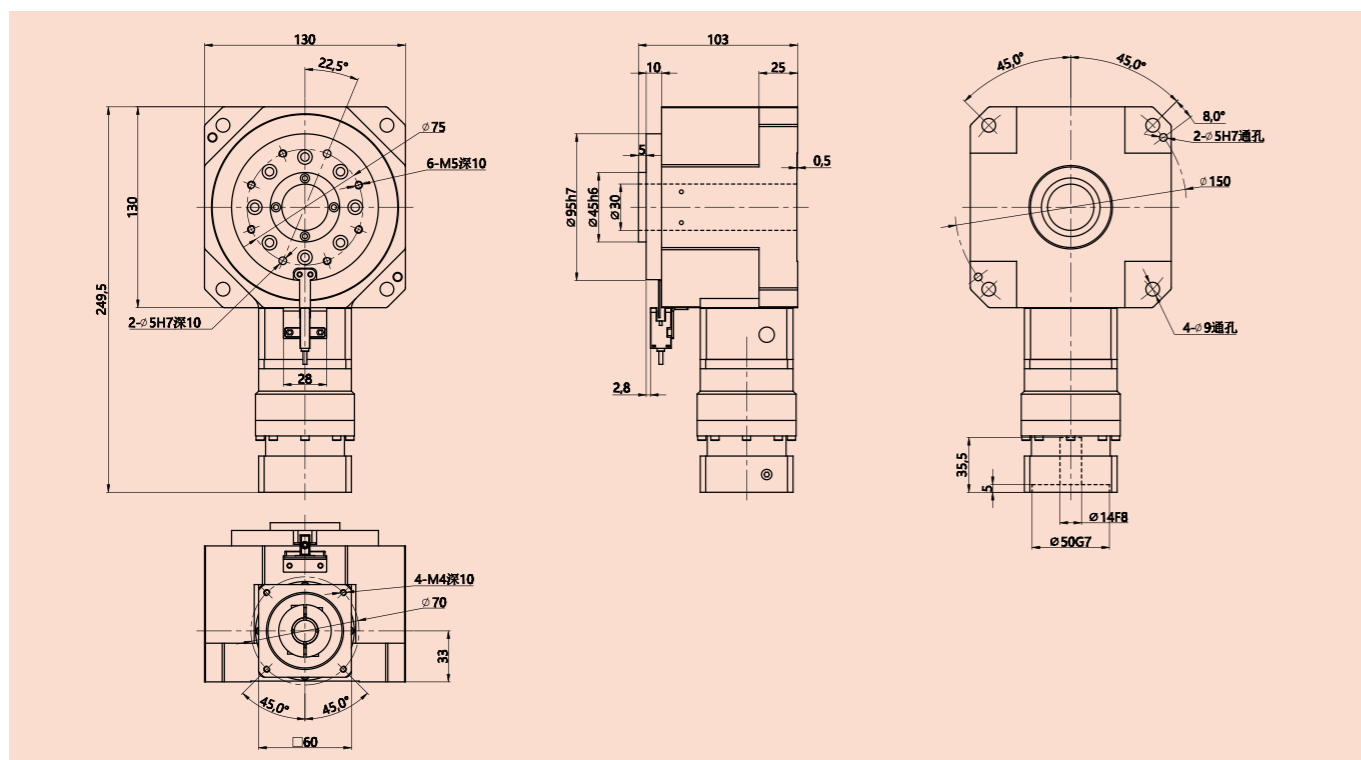
型号 Model	单位 Unit	HRT130-L1配400W伺服					HRT130-L2配400W伺服				
减速比 Ratio		15	21	30	60	75	105	120	150	210	300
额定输出扭矩 Rated torque	N·m	150	130	105	150	150	150	150	150	130	105
最大输出扭矩 Maximum torque		3倍额定输出扭矩 3 times rated torque									
轴承结构 Bearing		交叉滚子轴承 Cross roller bearing									
容许轴向负载 Allowable axial load	N	7300									
容许径向负载 Allowable radial load	N	7300									
容许盘面转速 Allowable output speed		200rpm(间歇运转 Indexing operation)									
旋转平台平行度 Output concentricity	mm	≤0.01									
旋转平台同心度 Overturning torque	mm	≤0.01									
倾覆力矩 Overturning torque	N·m	520									
容许惯性力矩 Allowable inertia torque	N·m	50									
扭转刚性 Torsional rigidity	N·m/arcmin	25									
精度寿命 Accuracy life		20000h(间歇运转 Indexing operation)									
定位精度 Positioning accuracy	arcmin	≤2					≤4				
反复定位精度 Repeatability	arcsec	≤30					≤60				
适配伺服马达 Adaptive servo motor power	W	400W伺服					200-400				
适配步进马达 Adaptive stepping motor power		400W伺服					57步进				
防护等级 Protection level		IP54									
润滑方式 Lubrication method		长效润滑 Long term lubrication									
传动效率 Efficiency		90%									
噪音 Noise	dB	≤57									
重量 Weight	kg	7					7.6				
安装方式 Installation method		任意 Arbitrarily									
设计承重 Design load	kg	50									

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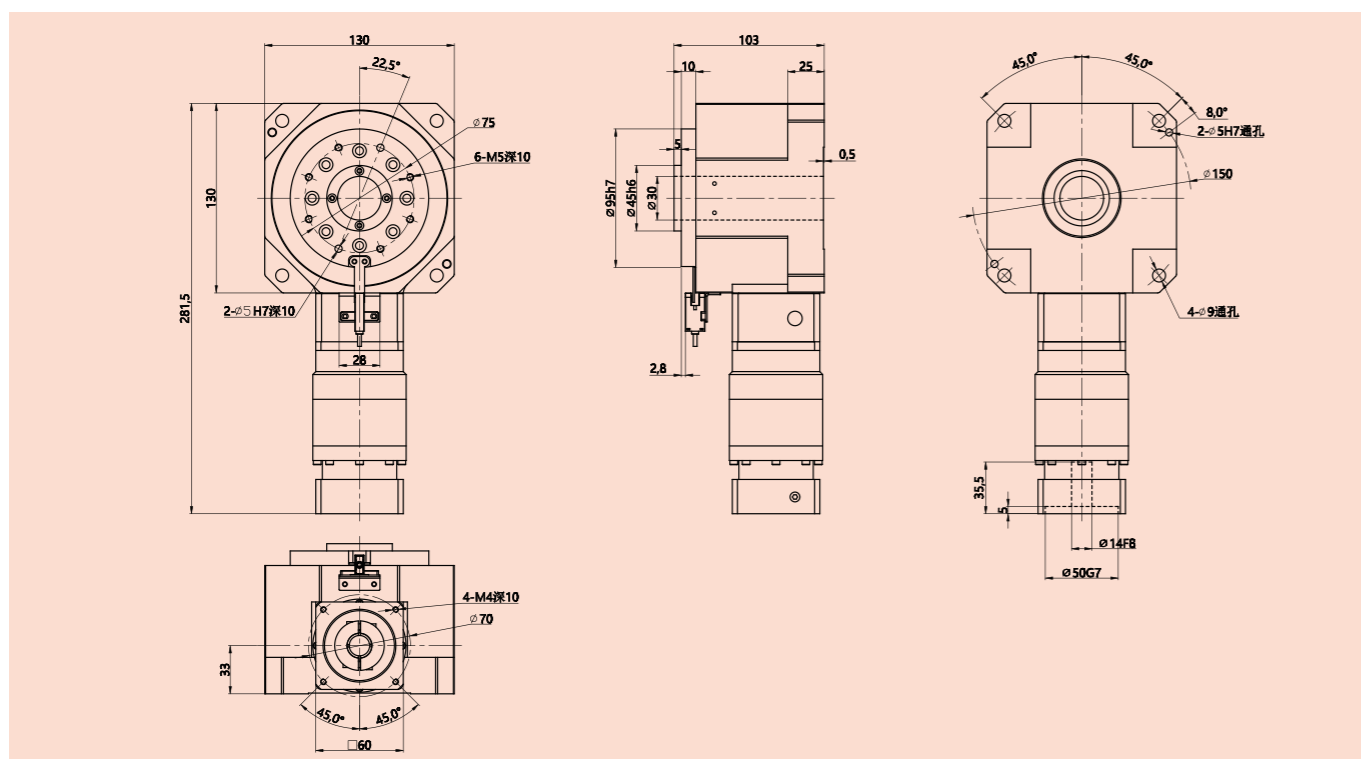
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外形尺寸图表 Outline dimensional

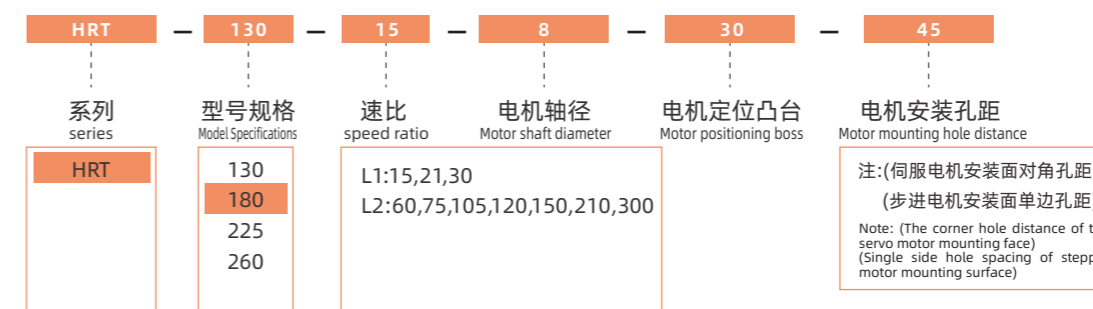
HRT130-L1配400W伺服 HRT130-L1 with 400W servo motor



HRT130-L2配400W伺服 HRT130-L2 with 400W servo motor



型号说明 MODEL ILLUMINATE



技术参数 TECHNICAL PARAMETER

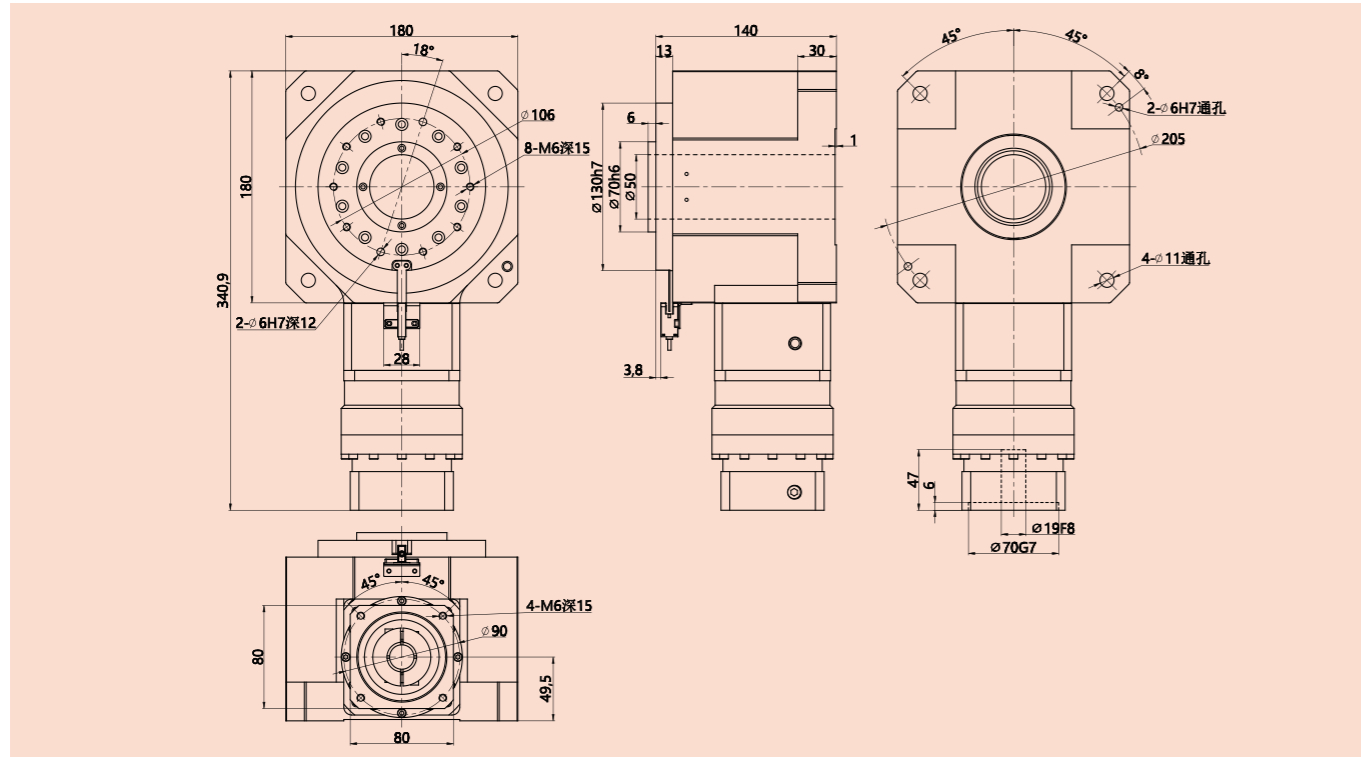
型号 Model	单位 Unit	HRT180-L1配750W伺服			HRT180-L2配750W伺服						
减速比 Ratio		15	21	30	60	75	105	120	150	210	300
额定输出扭矩 Rated torque	N·m	430	400	360	430	430	430	430	430	400	360
最大输出扭矩 Maximum torque		3倍额定输出扭矩 3 times rated torque									
轴承结构 Bearing		交叉滚子轴承 Cross roller bearing									
容许轴向负载 Allowable axial load	N	13500									
容许径向负载 Allowable radial load	N	13500									
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									
倾覆力矩 Overturning torque	N·m	1420									
容许惯性力矩 Allowable inertia torque	N·m	110									
扭转刚性 Torsional rigidity	N·m/arcmin	45									
精度寿命 Accuracy life		20000h(间歇运转 Indexing operation)									
定位精度 Positioning accuracy	arcmin	≤2			≤4						
反复定位精度 Repeatability	arcsec	≤30			≤60						
适配伺服马达 Adaptive servo motor power	W				750-1500						
适配步进马达 Adaptive stepping motor power		86-110步进			86-110步进						
防护等级 Protection level		IP54									
润滑方式 Lubrication method		长效润滑 Long term lubrication									
传动效率 Efficiency		95%			90%						
噪音 Noise	dB	≤63									
重量 Weight	kg	17			19						
安装方式 Installation method		任意 Arbitrarily									
设计承重 Design load	kg	150									

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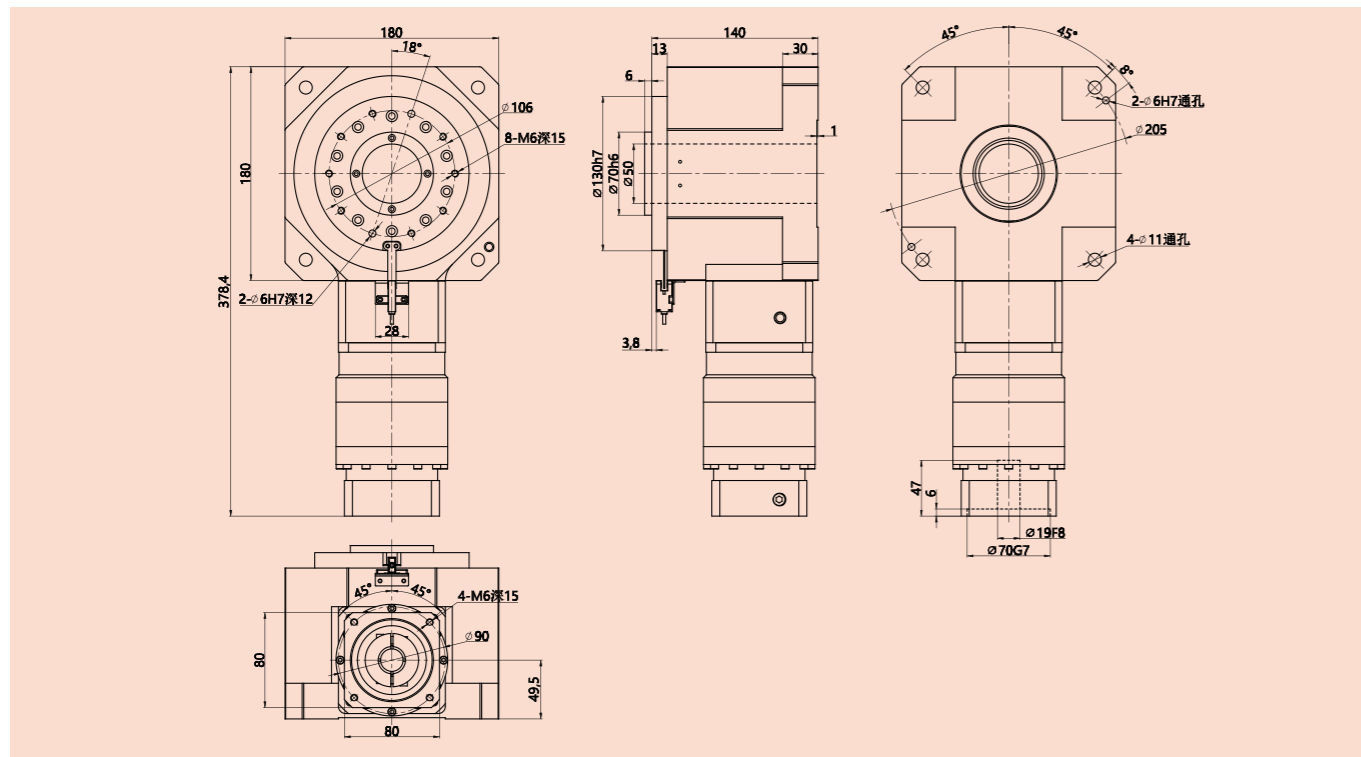
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外形尺寸图表 Outline dimensional

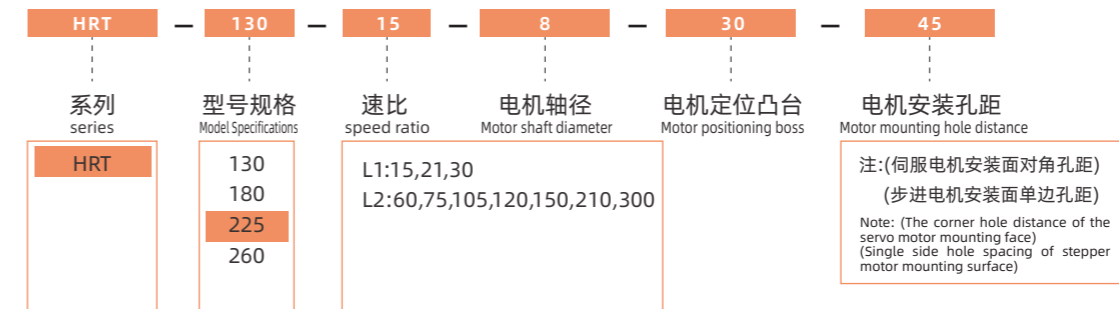
HRT180-L1配750W伺服 HRT180-L1 with 750W servo motor



HRT180-L2配750W伺服 HRT180-L2 with 750W servo motor



型号说明 MODEL ILLUMINATE



技术参数 TECHNICAL PARAMETER

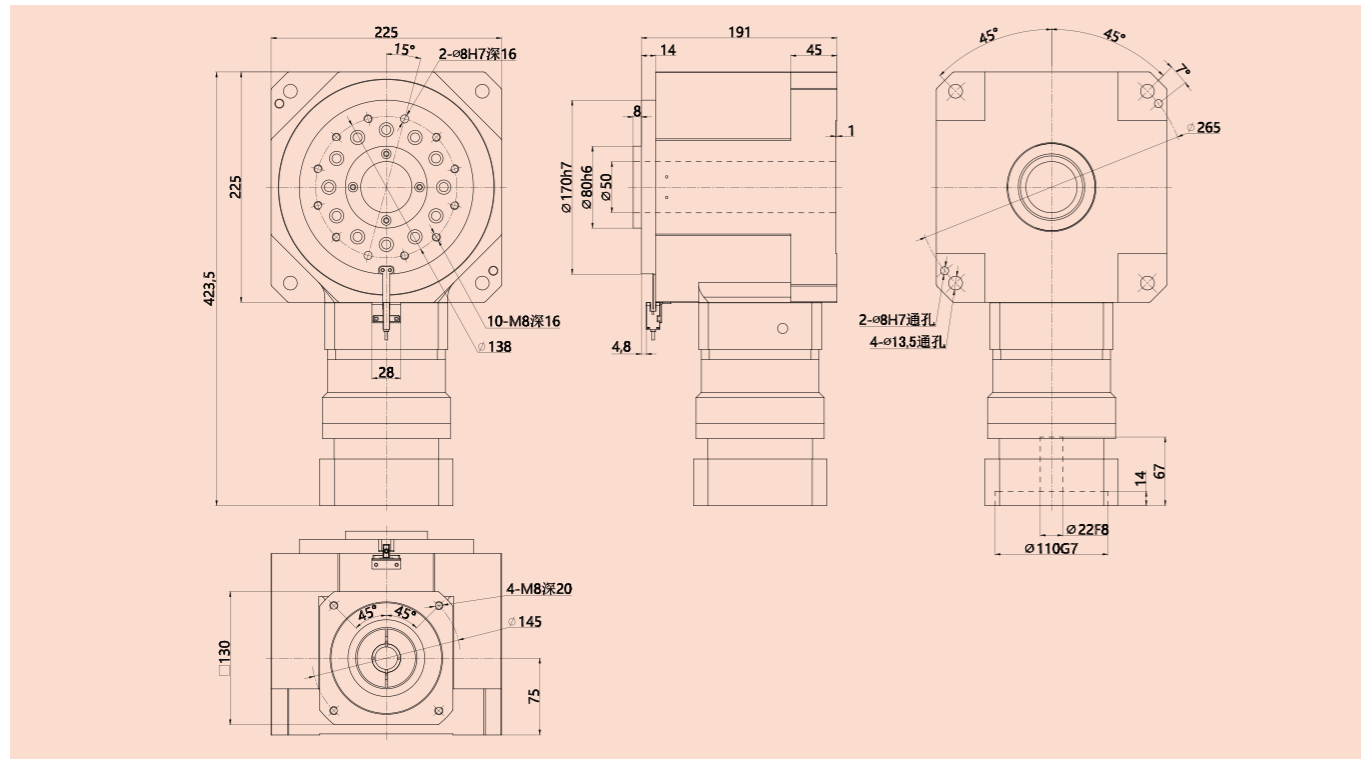
型号 Model	单位 Unit	HRT225-L1配1KW伺服			HRT225-L2配1KW伺服						
减速比 Ratio		15	21	30	60	75	105	120	150	210	300
额定输出扭矩 Rated torque	N·m	1350	1200	1000	1350	1350	1350	1350	1350	1200	1000
最大输出扭矩 Maximum torque		3倍额定输出扭矩 3 times rated torque									
轴承结构 Bearing		交叉滚子轴承 Cross roller bearing									
容许轴向负载 Allowable axial load	N	19500									
容许径向负载 Allowable radial load	N	19500									
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									
倾覆力矩 Overturning torque	N·m	2530									
容许惯性力矩 Allowable inertia torque	N·m	220									
扭转刚性 Torsional rigidity	N·m/arcmin	80									
精度寿命 Accuracy life		20000h (间歇运转 Indexing operation)									
定位精度 Positioning accuracy	arcmin	≤2			≤4						
反复定位精度 Repeatability	arcsec	≤30			≤60						
适配伺服马达 Adaptive servo motor power	W				1000-3000						
适配步进马达 Adaptive stepping motor power		110-130步进			110-130步进						
防护等级 Protection level		IP54									
润滑方式 Lubrication method		长效润滑 Long term lubrication									
传动效率 Efficiency		95%			90%						
噪音 Noise	dB	≤67									
重量 Weight	kg	36			39.2						
安装方式 Installation method		任意 Arbitrarily									
设计承重 Design load	kg	480									

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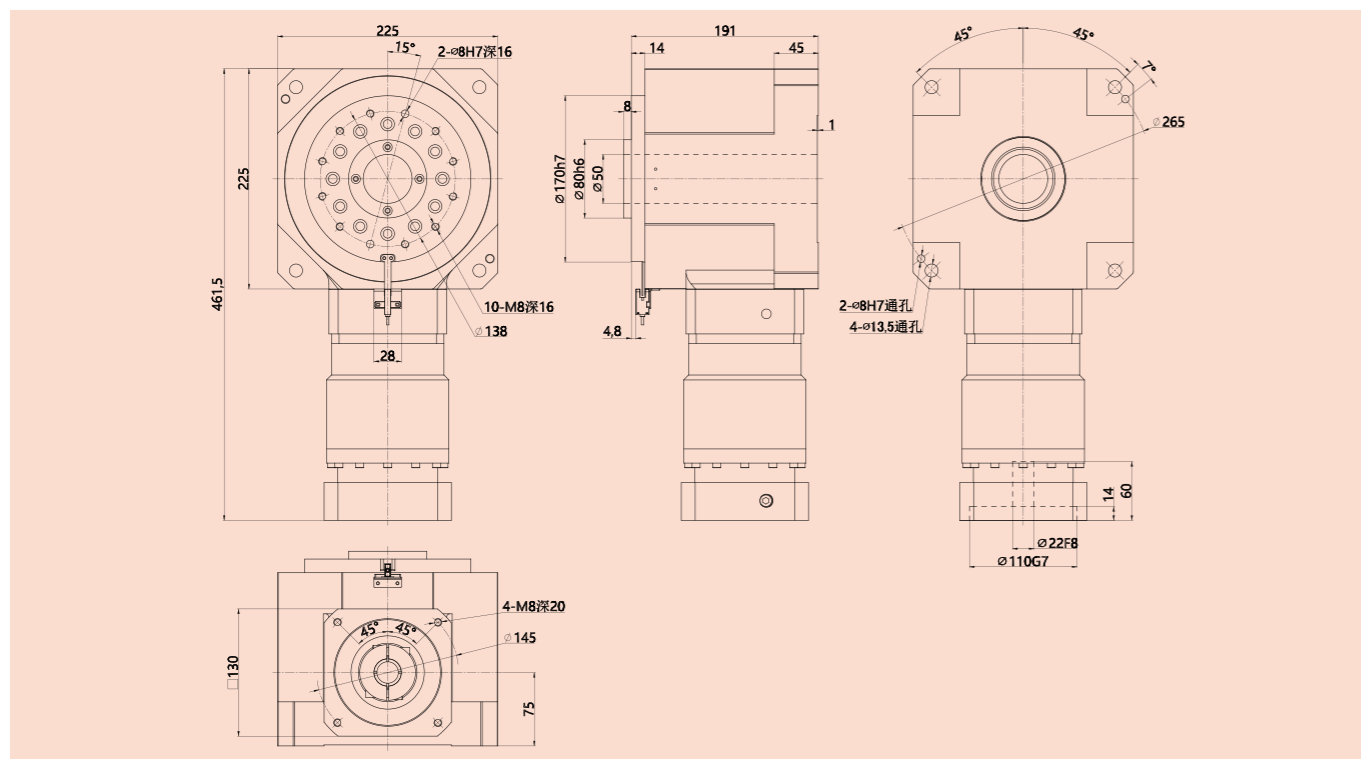
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外形尺寸图表 Outline dimensional

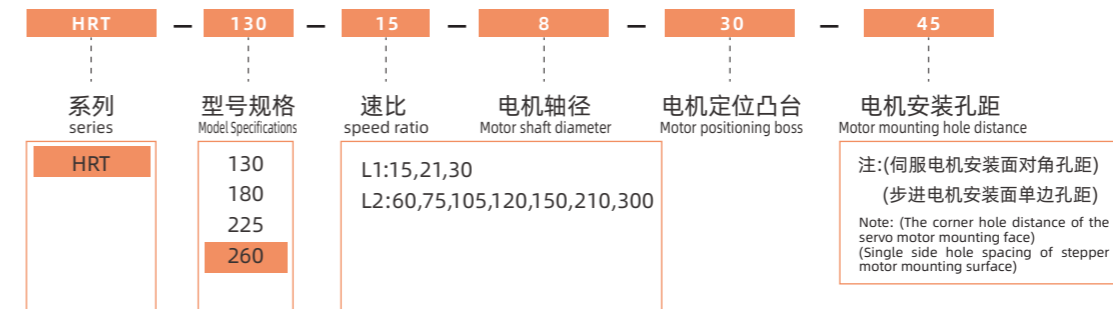
HRT225-L1配1KW伺服 HRAJ225-L1 with 1KW servo motor



HRT225-L2配1KW伺服 HRAJ225-L2 with 1KW servo motor



型号说明 MODEL ILLUMINATE



技术参数 TECHNICAL PARAMETER

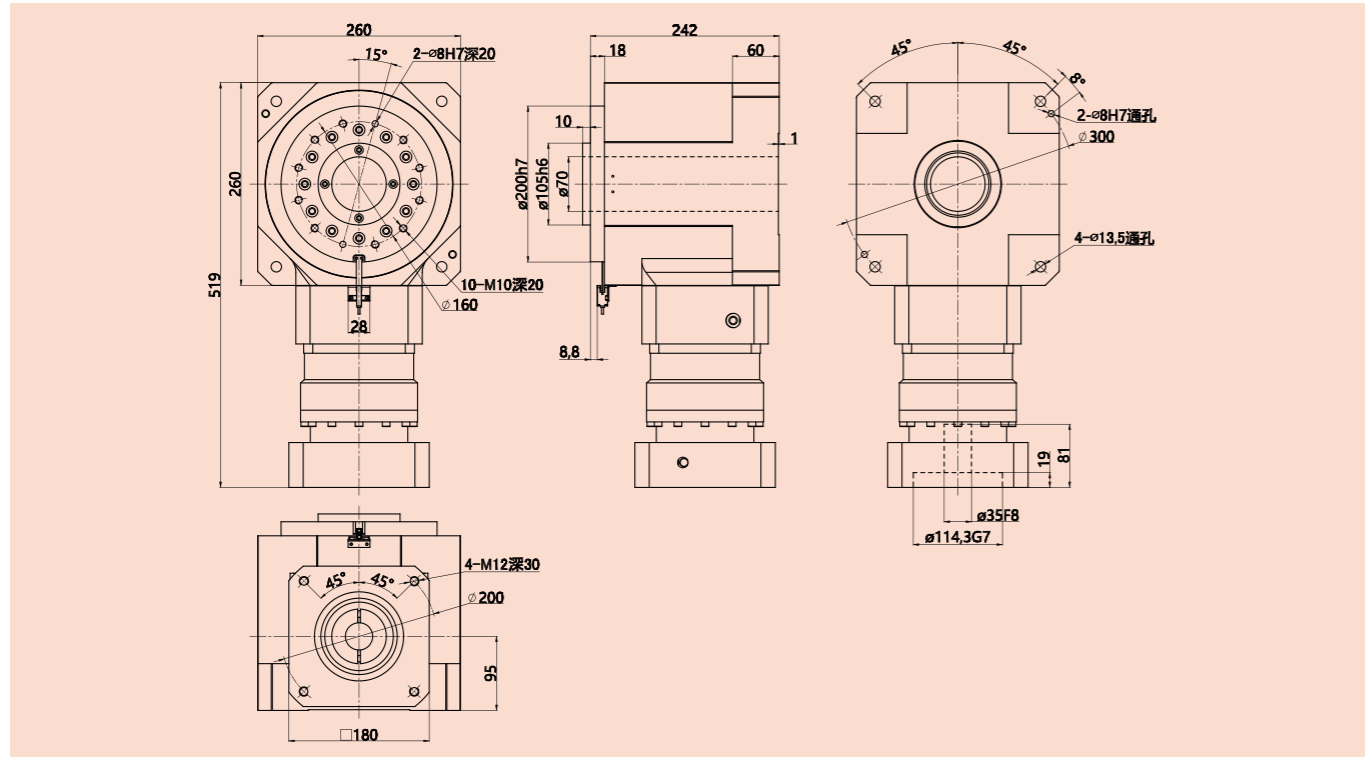
型号 Model	单位 Unit	HRT260-L1配2KW伺服					HRT260-L2配2KW伺服				
减速比 Ratio		15	21	30	60	75	105	120	150	210	300
额定输出扭矩 Rated torque	N·m	2950	2650	2200	2950	2950	2950	2950	2950	2650	2200
最大输出扭矩 Maximum torque		3倍额定输出扭矩3 times rated torque									
轴承结构 Bearing		交叉滚子轴承Cross roller bearing									
容许轴向负载 Allowable axial load	N	29600									
容许径向负载 Allowable radial load	N	29600									
容许盘面转速 Allowable output speed		200rpm(间歇运转Indexing operation)									
旋转平台平行度 Outout concentricity	mm	≤0.01									
旋转平台同心度 Overturning torque	mm	≤0.01									
倾覆力矩Overturning torque	N·m	6300									
容许惯性力矩Allowable inertia torque	N·m	750									
扭转刚性 Torsional rigidity	N·m/arcmin	175									
精度寿命 Accuracy life		20000h(间歇运转Indexing operation)									
定位精度 Positioning accuracy	arcmin	≤2					≤4				
反复定位精度 Repeatability	arcsec	≤30					≤60				
适配伺服马达 Adaptive servo motor power	W	1000-3000									
适配步进马达 Adaptive stepping motor power		130-150步进					130-150步进				
防护等级 Protection level		IP54									
润滑方式 Lubrication method		长效润滑Long term lubrication									
传动效率 Efficiency		95%					90%				
噪音 Noise	dB	≤67									
重量 Weight	kg	46					52				
安装方式 Installation method		任意Arbitrarily									
设计承重 Design load	kg	1000									

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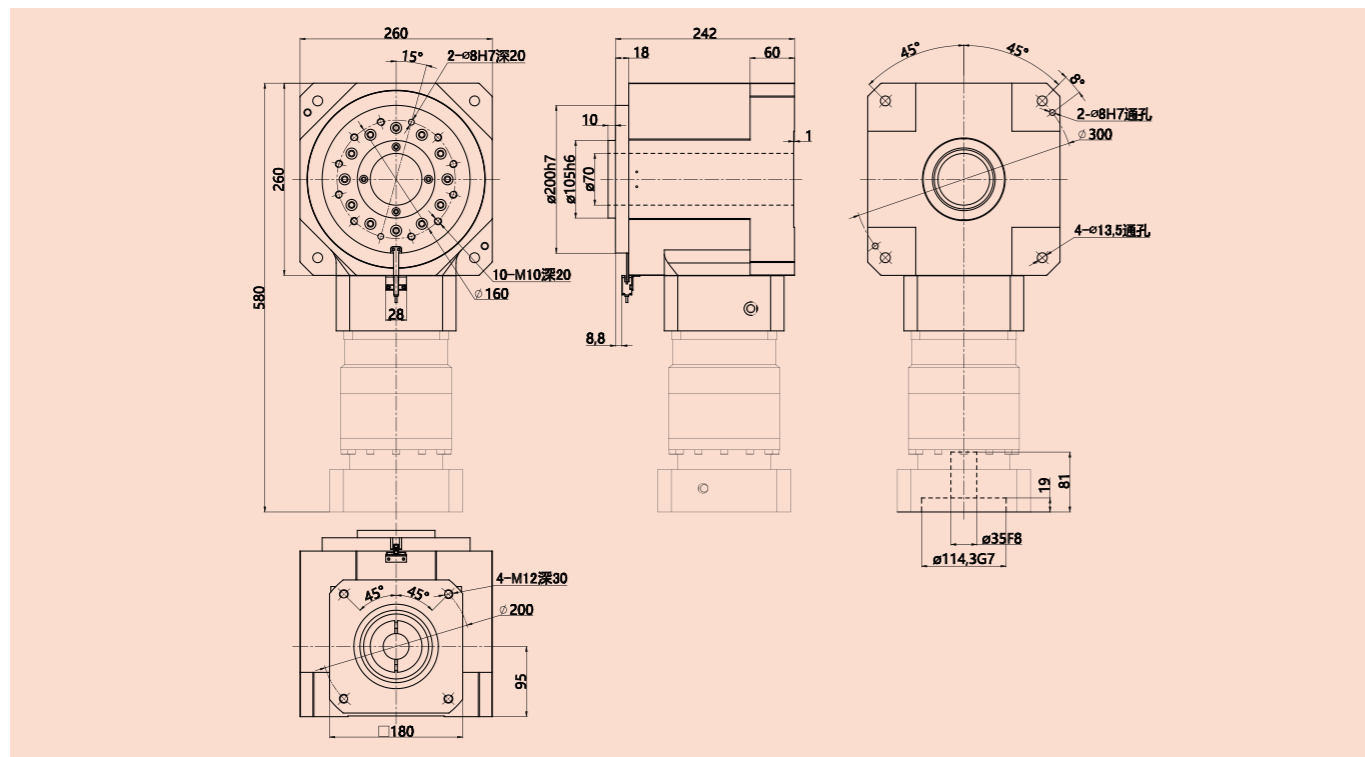
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外形尺寸图表 Outline dimensional

HRT260-L1配2KW伺服 HRAJ260-L1 with 2KW servo motor



HRT260-L2配2KW伺服 HRAJ260-L2 with 2KW servo motor



重载型中空旋转平台

HEAVY DUTY HOLLOW ROTARY GEARBOX

