



回转驱动 Slewing Drive



马鞍山统力回转支承有限公司
Tongli slewing ring co., Ltd.

马鞍山统力回转支承有限公司是集设计、开发、制造于一体的专业化回转支承生产公司，拥有马鞍山精一工程机械有限公司、蚌埠统力回转支承有限公司两家全资子公司，秉承“专业敬业、成就事业”的企业精神，致力于以精湛技术、卓越品质、完善服务满足客户需求，创造为之满意和尊重的产品服务。

公司技术实力雄厚，荣获国家火炬计划重点高新技术企业。拥有一支代表国内一流技术水平的研发队伍，其中包括上世纪70/80年代起就从事回转支承生产设计工作的技术骨干、四名回转支承标准起草人和荣获国家科技进步奖的项目负责人。设有专门的科研与产品开发机构——回转支承研究所。自主创新成果显著，获得多项专利。

公司三大产品系列包括：回转支承、回转驱动、倾转支承，拥有年产60000套、直径达4000mm的生产能力，以及各种结构型式回转支承、3000余种规格，除广泛为国内各类挖掘机、汽车吊、塔吊、随车吊、高空作业车、环保机械、轻工机械、风力发电设备、太阳能发电设备等主机配套外，还批量出口欧洲、美洲、亚洲等地，出口比例为50%。各类进口和国产挖掘机、汽车吊用回转支承也为广大用户和配件商提供了有力支持。

先进生产设备、精良加工工艺、完善检测手段、富有活力的团队，将助力公司成功打造“中国一流、世界知名”品牌。

Tongli Slewing Ring Co., Ltd is a specialized slewing ring manufacturer, has Ma'anShan Jingyi Engineering Machinery Co., Ltd. and Bengbu Tongli Slewing Ring Co., Ltd. as subsidiaries capable of designing, developing and manufacturing all types of slewing rings. With deep rooted company culture 'professionalism and commitment lead to successes', Tongli strives to offer customer superior technology, excellent product quality and superb service.

Till 2008, Tongli has an annual manufacturing capacity of 60,000 pieces of slewing rings, up to 4,000 mm in diameter for different structures. The products cover 2,000 different sizes and internal structures. With batches of products exported to Europe, America and Asia, Tongli Slewing Ring is a well known national brand all over the world.

Tongli slewing rings are widely used by OEMs in all types of excavators, mobile cranes, tower cranes, rail cranes, water treatment equipments, and machine tools etc.. The replacement slewing rings for different models of excavators, wind mills, solar system and mobile cranes provide the end users and distributors with more options.

We believe that innovations create superior products, science enhances our brand. Tongli is a high-tech company, with strong research and development capacity delivered by our own Institute of Slewing Ring Research. Four leading experts in the R&D were involved in drafting national slewing ring standards (JB2300-78 and JJ36) in 1970s and 1980s, all have over 34 years of experience in slewing ring designing and manufacturing. The Institute has delivered numerous innovations and product improvements, generated a number of patents and intellectual properties.

Advanced equipment, superb technology, perfect measuring and vigorous team successfully fulfill our commitment to be top-rank in China, well-known to the World.





回转驱动 应用范围:

SLEWING DRIVE APPLICATION



回转驱动编号方法 Code of slewing drive

×	×	×	× × ×	×
(1)	(2)	(3)	(4)	(5)

(1) 传动型式代号	Code of driven type
W: 蜗轮	Worm gear
G: 斜齿	Bevel gear
(2) 敞开、封闭式代号	Code of open type、closed type
B: 敞开式	Open type
R: 封闭式	Closed type
(3) 内圈安装孔型式代号	Code of inner ring installation hole type
B: 螺纹孔	Screw holes
C: 通孔	Bolt holes
(4) 滚道中心直径	Dia.of raceway center
(5) 液压马达位置	Hydraulic motor position
R:右侧	Right side
L:左侧	Left side

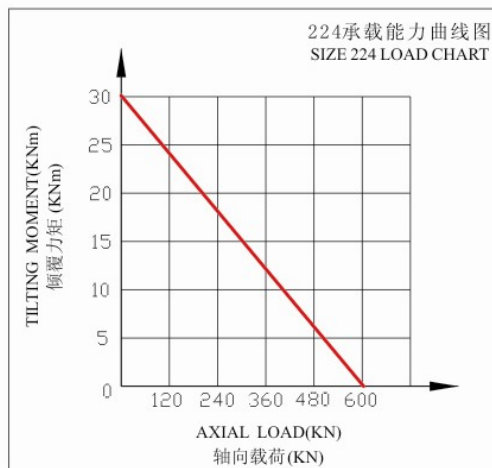
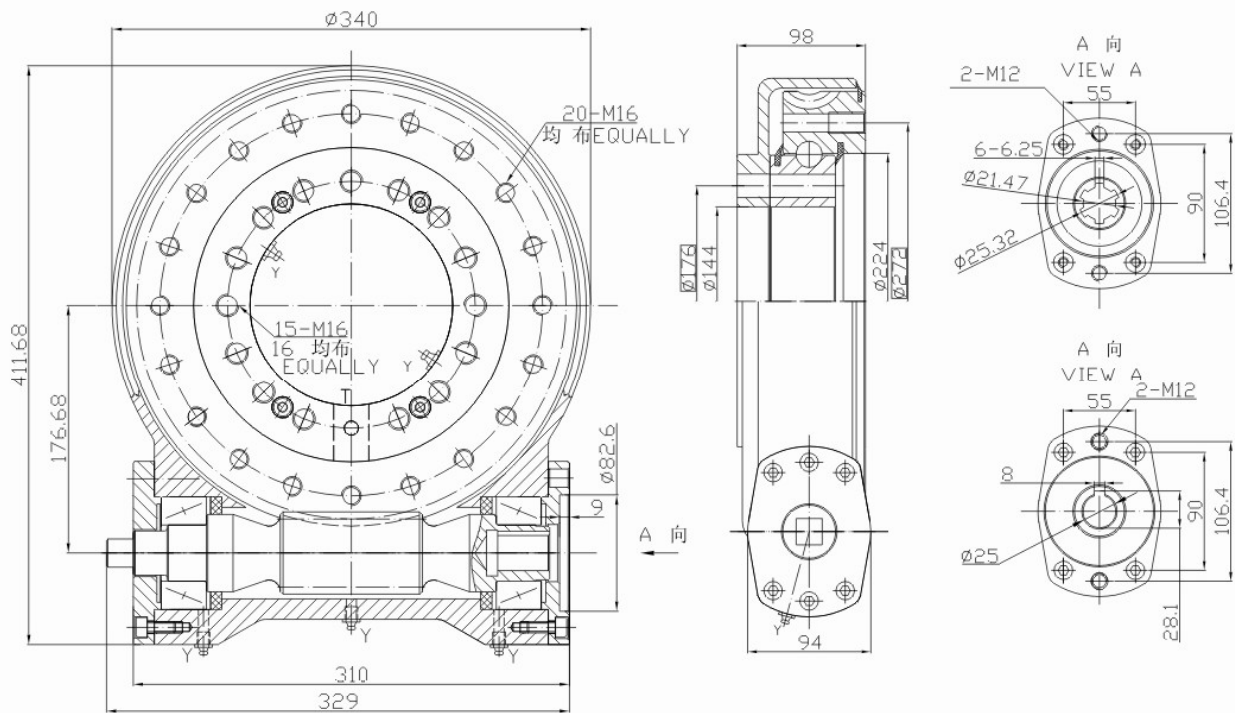
立式回转驱动编号方法 Code of vertical slewing drive

× ×	×	×	× × ×	× ×	×
(1)	(2)	(3)	(4)	(5)	(6)

(1) 传动型式代号	Code of driven type
SG:齿轮传动	Spur gear
WG:齿轮蜗轮组合传动	Spur gear & Worm gear
(2) 敞开、封闭式代号	Code of open type、closed type
B: 敞开式	Open type
R: 封闭式	Closed type
(3) 内圈安装孔型式代号	Code of inner ring installation hole type
B: 螺纹孔	Screw holes
C: 通孔	Bolt holes
(4) 滚道中心直径	Dia. of raceway center
(5) 钢球直径	Dia. of ball
(6) 液压马达位置 (齿轮传动无)	Hydraulic motor position
R:右侧	Right side
L:左侧	Left side

WR224

封闭式回转驱动 Closed type slewing drive

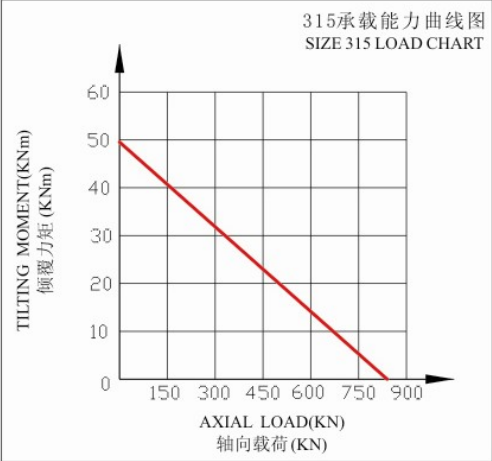
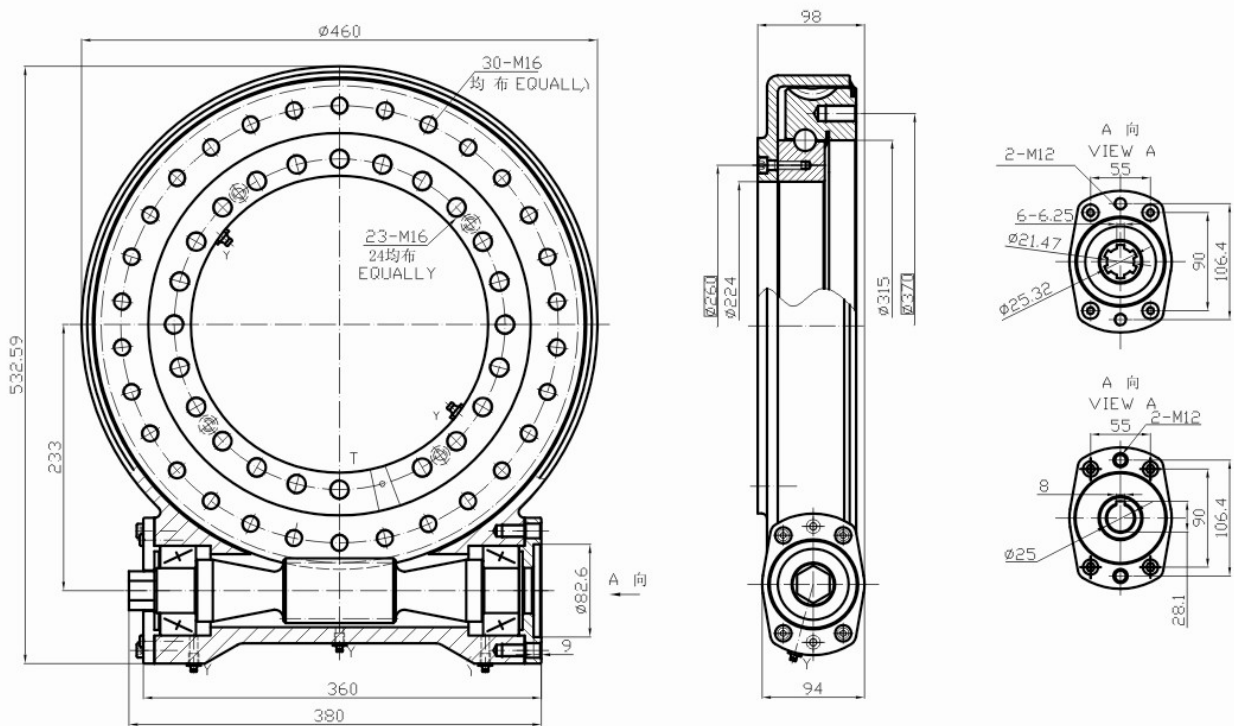


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	61:1
转矩 Normal torque	Md	[Nm]	4790
最大转矩 Max torque	Mdmax	[Nm]	9300
轴向静载 Static load rating,axial	Coax	[kN]	601
径向静载 Static load rating,radial	Corad	[kN]	200

WR315

封闭式回转驱动 Closed type slewing drive

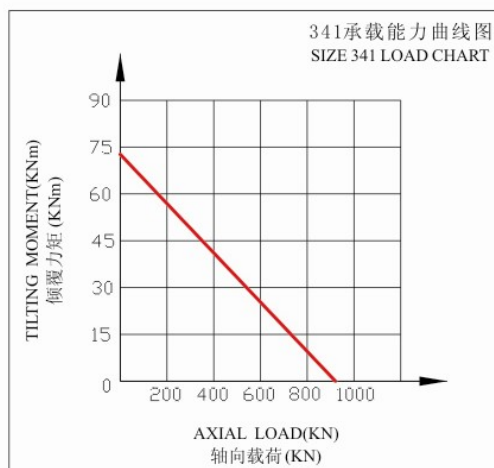
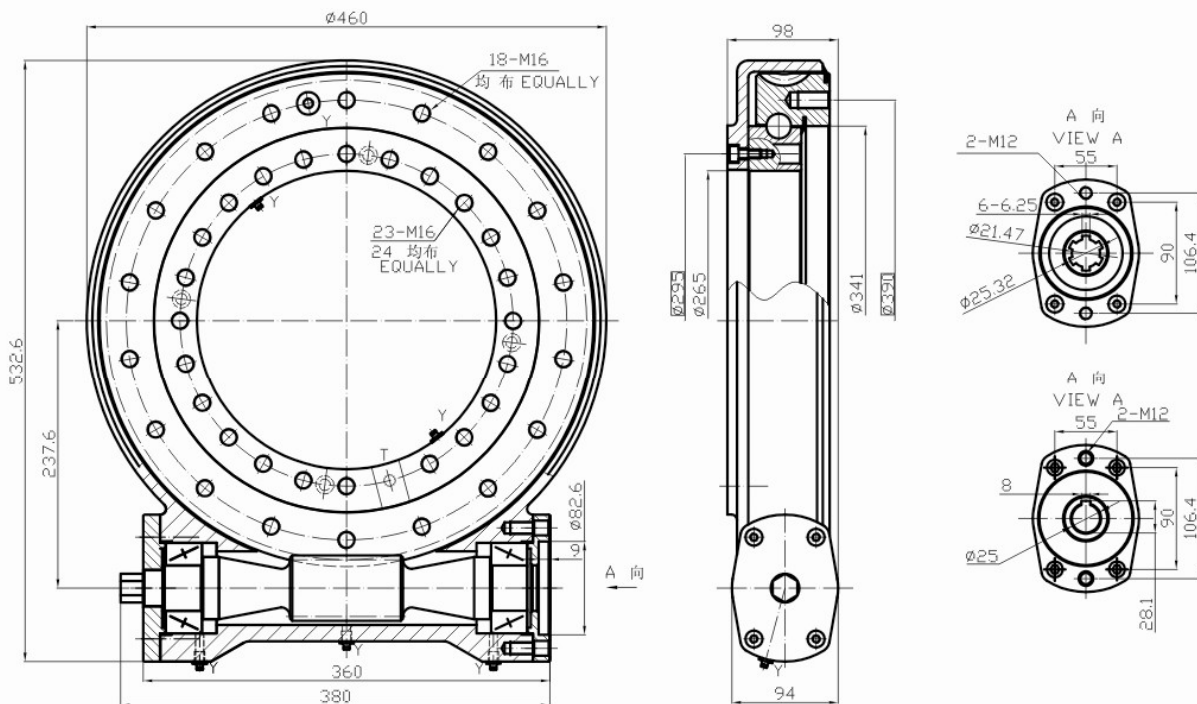


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	83:1
转矩 Normal torque	Md	[Nm]	9600
最大转矩 Max torque	Mdmax	[Nm]	11000
轴向静载 Static load rating,axial	Coax	[kN]	845
径向静载 Static load rating,radial	Corad	[kN]	280

WR341

封闭式回转驱动 Closed type slewing drive

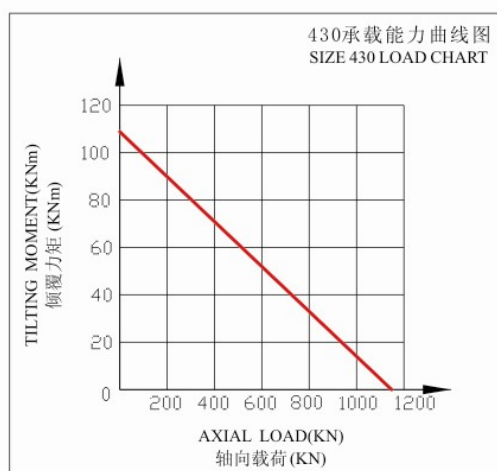
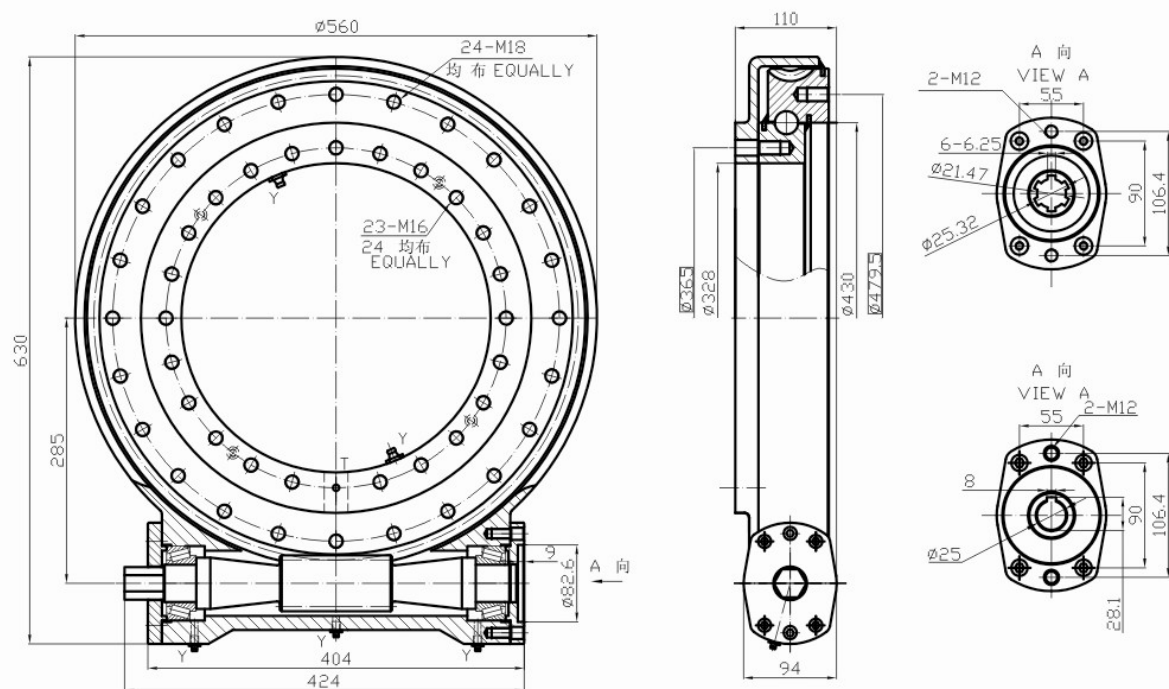


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	—	85:1
转矩 Normal torque	Md	[Nm]	10100
最大转矩 Max torque	Mdmax	[Nm]	12900
轴向静载 Static load rating,axial	Coax	[kN]	915
径向静载 Static load rating,radial	Corad	[kN]	340

WR430

封闭式回转驱动 Closed type slewing drive

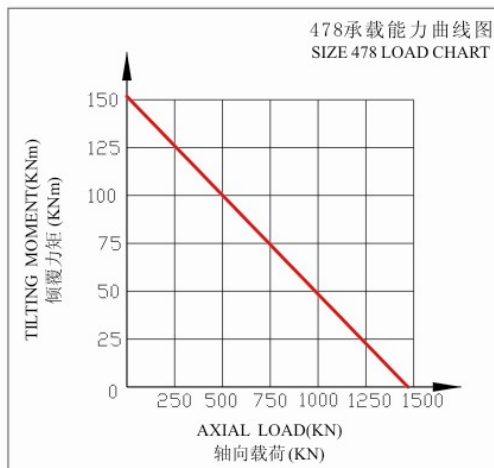
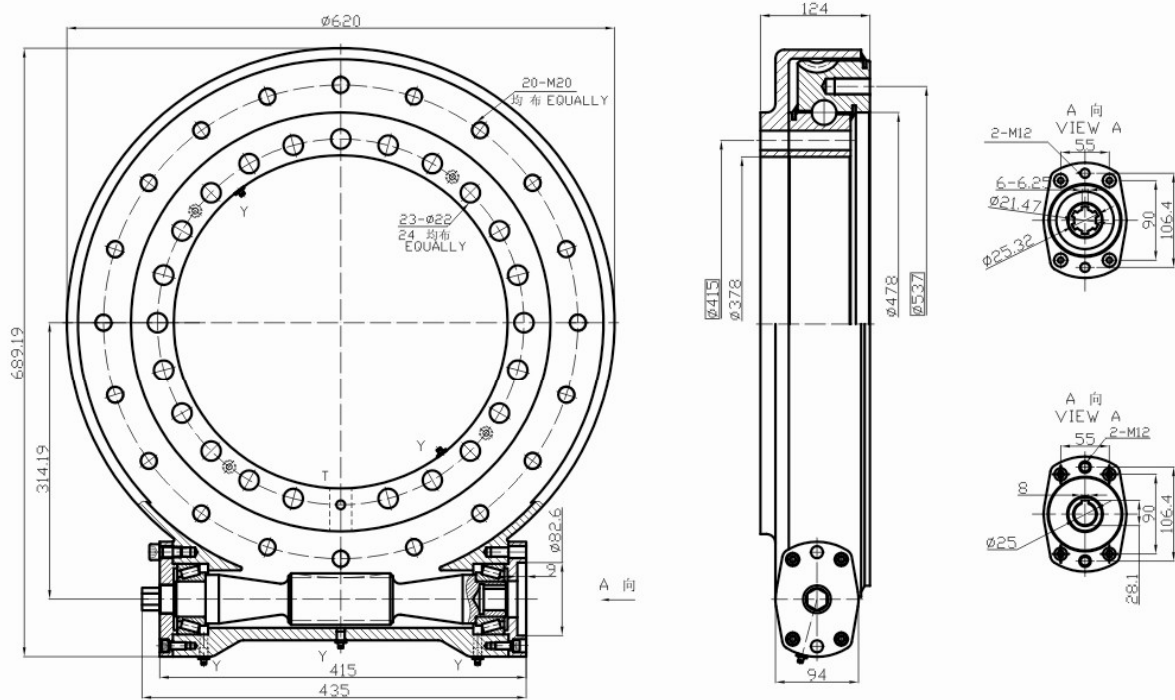


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	104:1
转矩 Normal torque	Md	[Nm]	15600
最大转矩 Max torque	Mdmax	[Nm]	15600
轴向静载 Static load rating, axial	Coax	[kN]	1124
径向静载 Static load rating, radial	Corad	[kN]	410

WR478

封闭式回转驱动 Closed type slewing drive

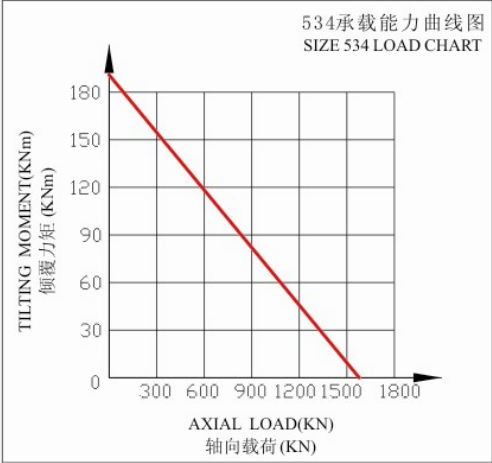
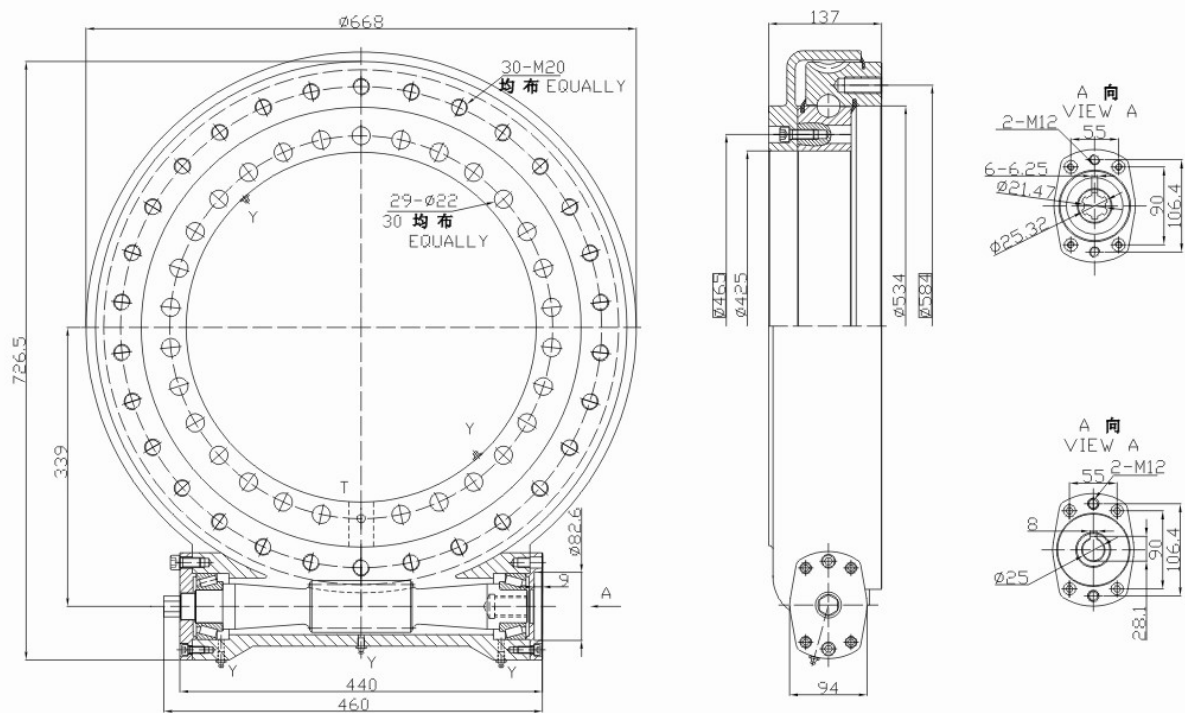


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	116:1
转矩 Normal torque	Md	[Nm]	18500
最大转矩 Max torque	Mdmax	[Nm]	20000
轴向静载 Static load rating, axial	Coax	[kN]	1433
径向静载 Static load rating, radial	Corad	[kN]	520

WR534

封闭式回转驱动 Closed type slewing drive

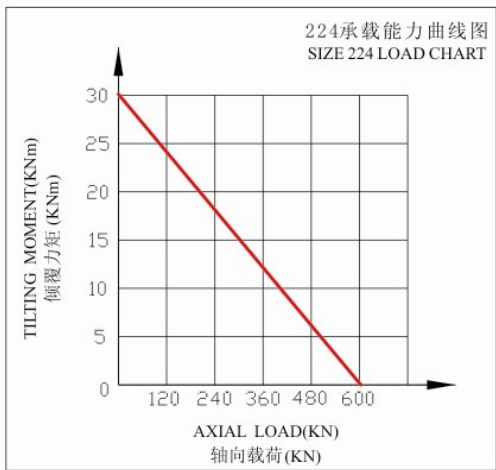
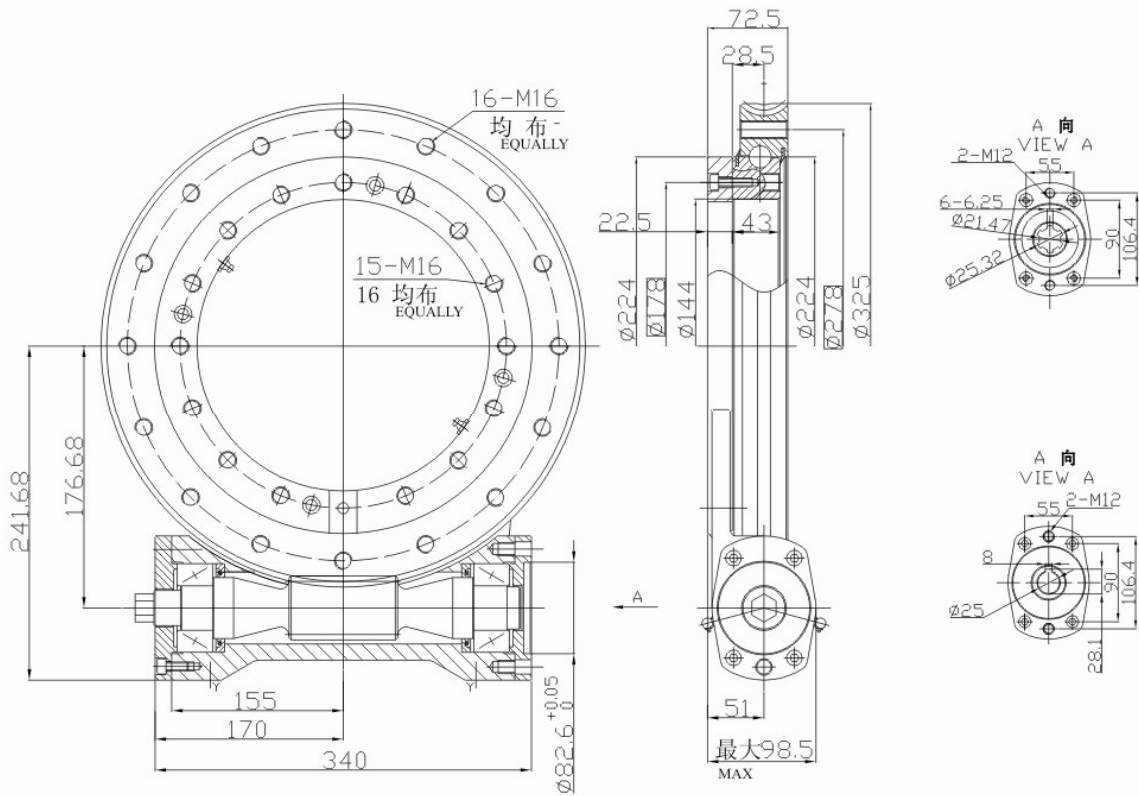


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	126:1
转矩 Normal torque	Md	[Nm]	23500
最大转矩 Max torque	Mdmax	[Nm]	30500
轴向静载 Static load rating,axial	Coax	[kN]	1598
径向静载 Static load rating,radial	Corad	[kN]	640

WB224

敞开式回转驱动 Open type slewing drive

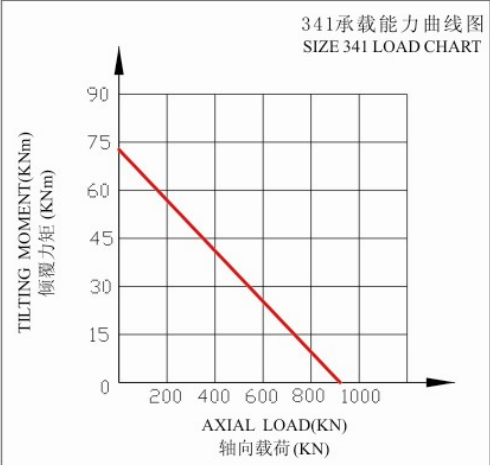
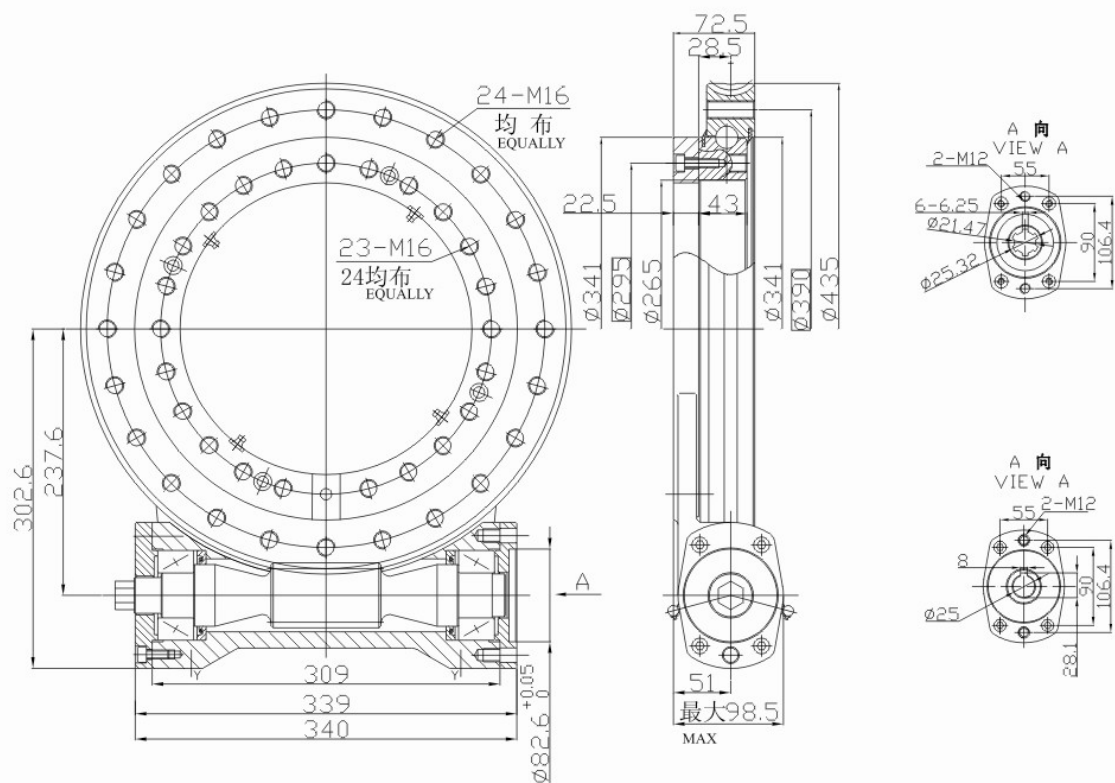


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	61:1
转矩 Normal torque	Md	[Nm]	4790
最大转矩 Max torque	Mdmax	[Nm]	9300
轴向静载 Static load rating,axial	Coax	[kN]	601
径向静载 Static load rating,radial	Corad	[kN]	200

WB341

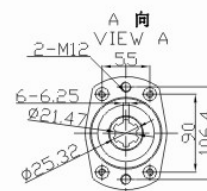
敞开式回转驱动 Open type slewing drive



技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	85:1
转矩 Normal torque	Md	[Nm]	10100
最大转矩 Max torque	Mdmax	[Nm]	12900
轴向静载 Static load rating, axial	Coax	[kN]	915
径向静载 Static load rating, radial	Corad	[kN]	340

敞开式回转驱动 Open type slewing drive

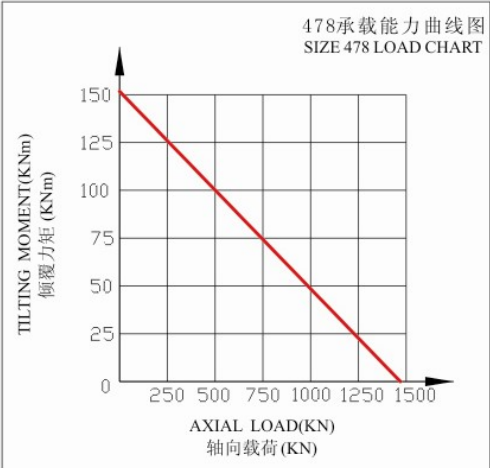
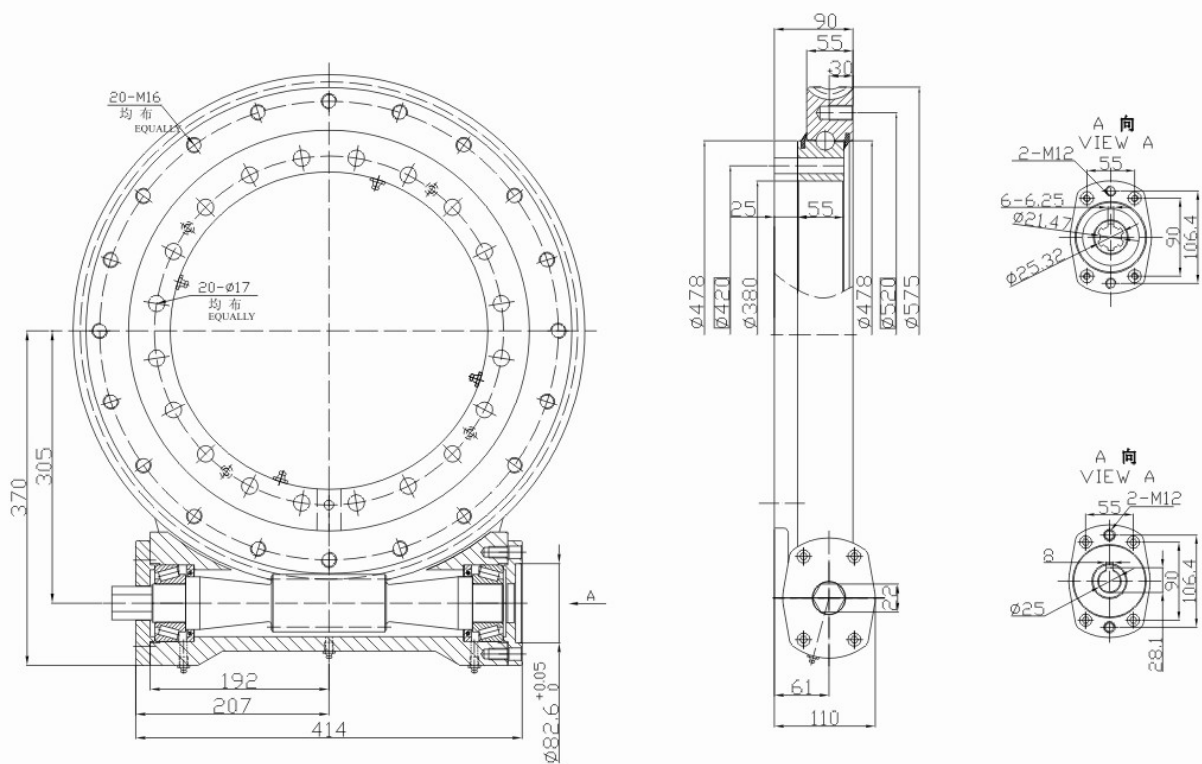


419承载力曲线图
SIZE 419 LOAD CHART

模数 Module	m	[mm]	5
速比 Gear ratio	i	—	104:1
转矩 Normal torque	Md	[Nm]	15600
最大转矩 Max torque	Mdmax	[Nm]	15600
轴向静载 Static load rating,axial	Coax	[kN]	1124
径向静载 Static load rating,radial	Corad	[kN]	410

WB478

敞开式回转驱动 Open type slewing drive

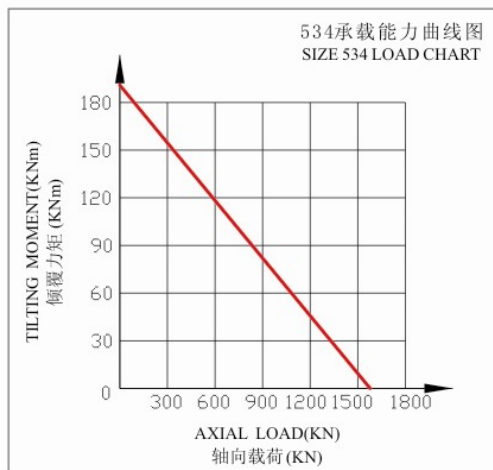
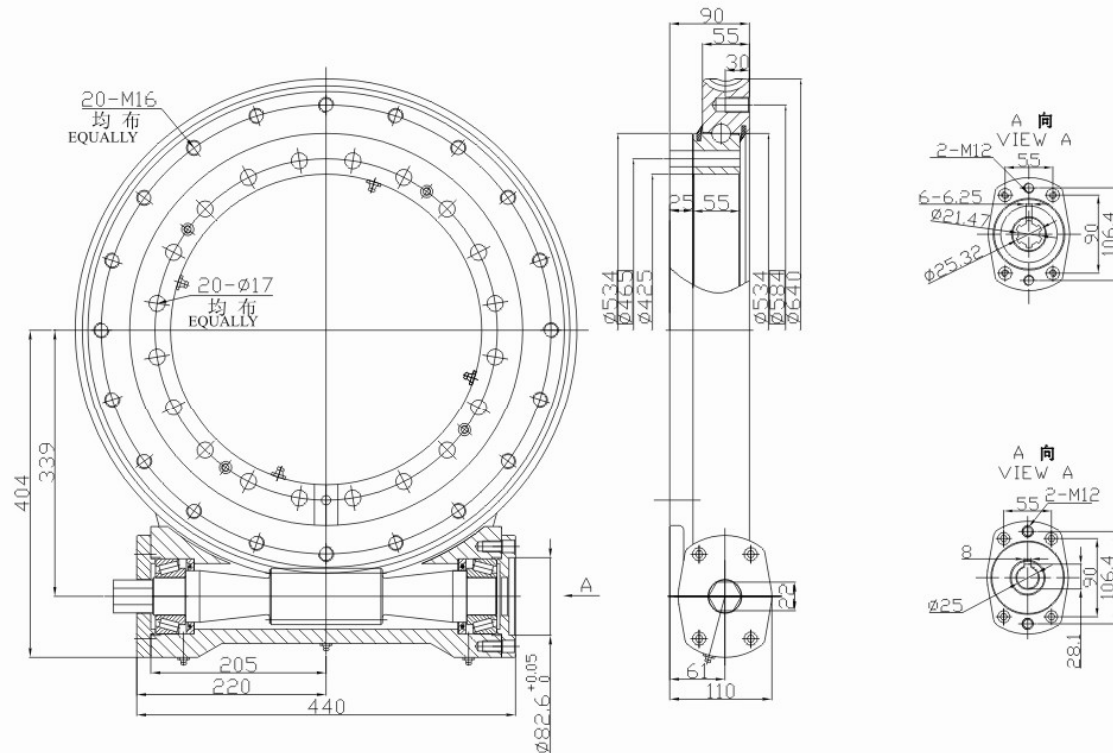


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	116:1
转矩 Normal torque	Md	[Nm]	18500
最大转矩 Max torque	Mdmax	[Nm]	20000
轴向静载 Static load rating, axial	Coax	[kN]	1433
径向静载 Static load rating, radial	Corad	[kN]	520

WB534

敞开式回转驱动 Open type slewing drive

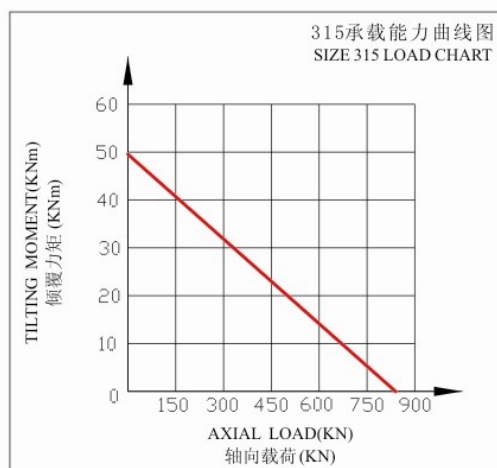
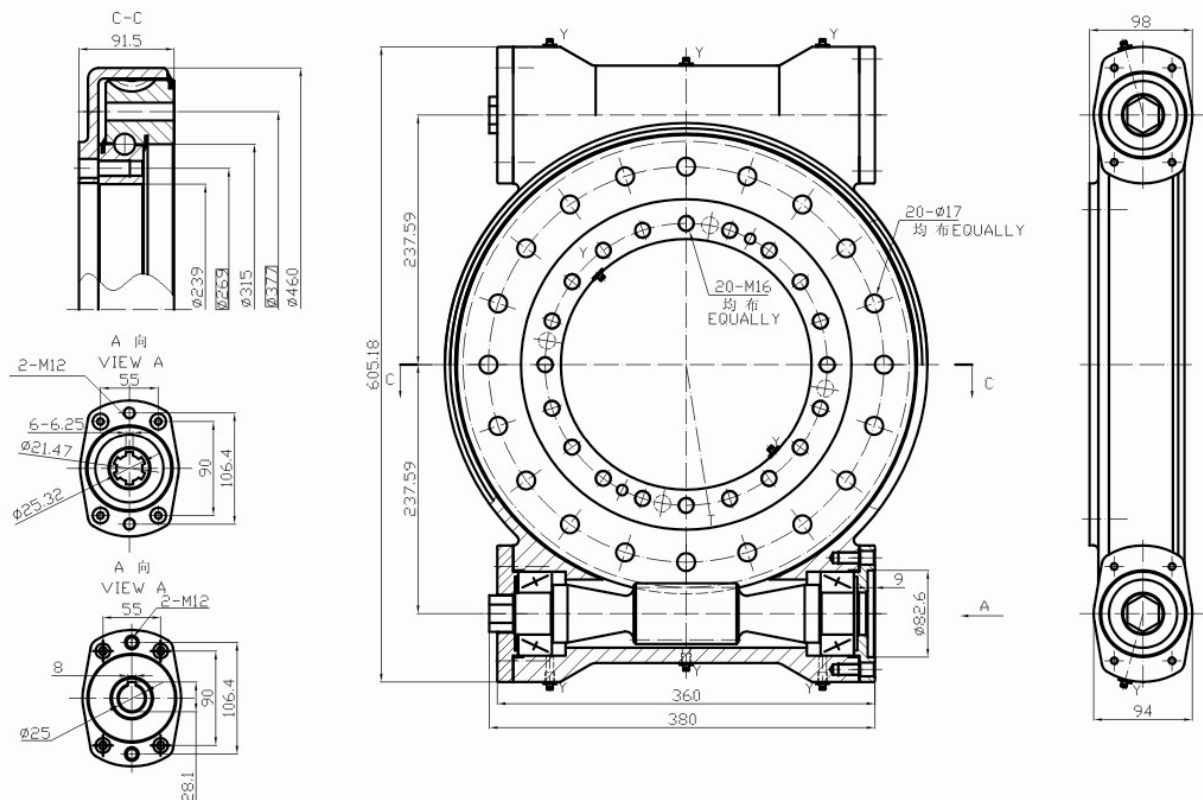


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	126:1
转矩 Normal torque	Md	[Nm]	23500
最大转矩 Max torque	Mdmax	[Nm]	30500
轴向静载 Static load rating, axial	Coax	[kN]	1598
径向静载 Static load rating, radial	Corad	[kN]	640

DWR315

双蜗杆回转驱动 Dual-shaft slewing drive

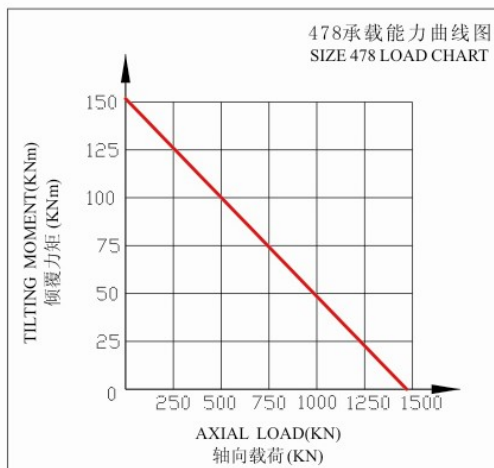
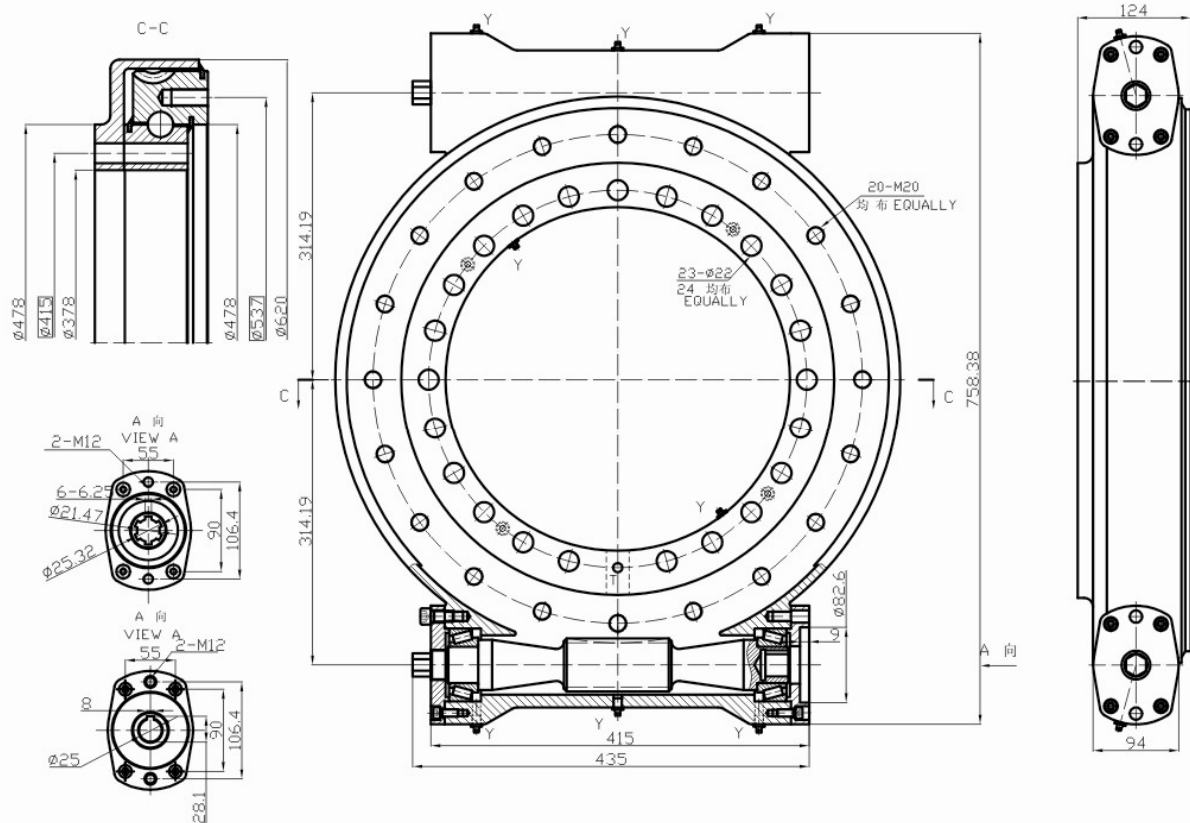


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	83:1
转矩 Normal torque	Md	[Nm]	16320
最大转矩 Max torque	Mdmax	[Nm]	18700
轴向静载 Static load rating, axial	Coax	[kN]	845
径向静载 Static load rating, radial	Corad	[kN]	280

DWR478

双蜗杆回转驱动 Dual-shaft slewing drive

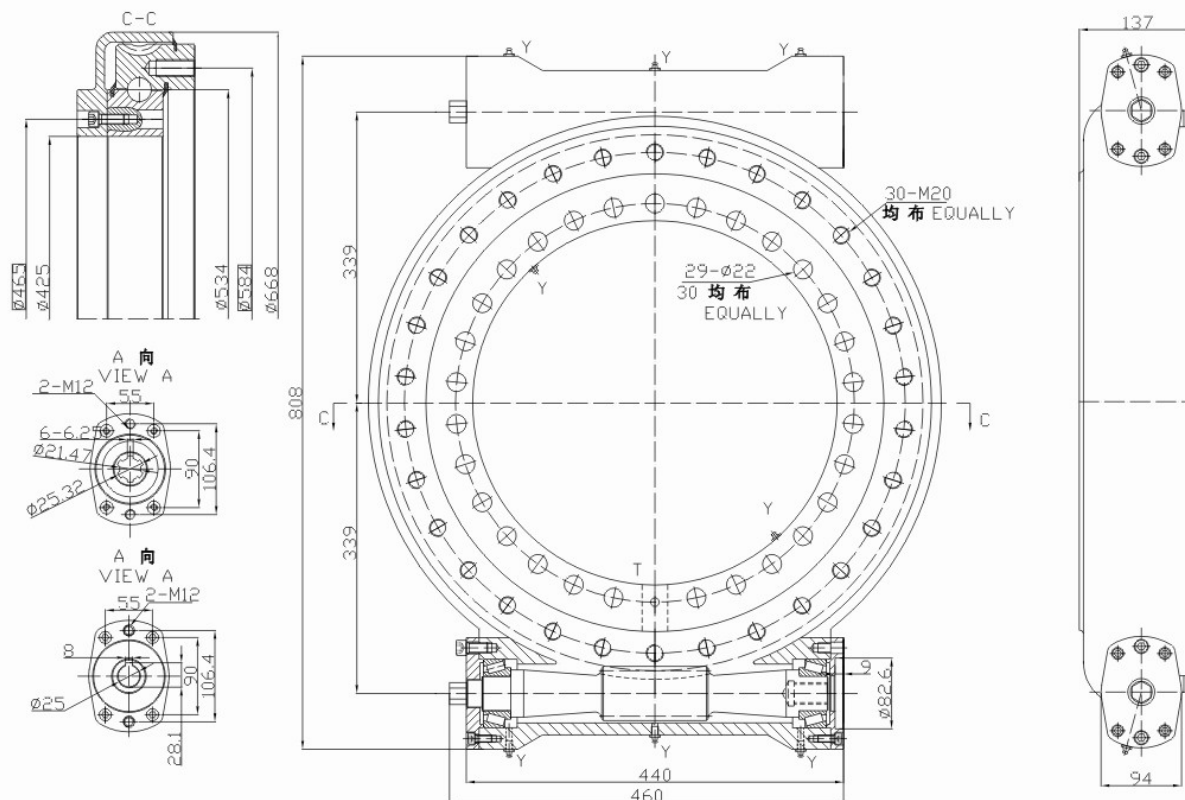


技术参数 TECHNICAL FEATURES

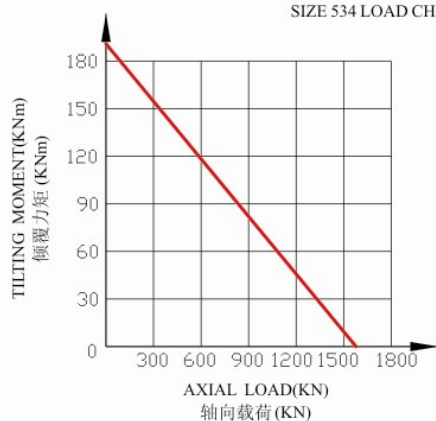
模数 Module	m	[mm]	5
速比 Gear ratio	i	-	116:1
转矩 Normal torque	Md	[Nm]	26000
最大转矩 Max torque	Mdmax	[Nm]	33800
轴向静载 Static load rating, axial	Coax	[kN]	1433
径向静载 Static load rating, radial	Corad	[kN]	520

DWR534

双蜗杆回转驱动 Dual-shaft slewing drive



534承载能力曲线图
SIZE 534 LOAD CHART

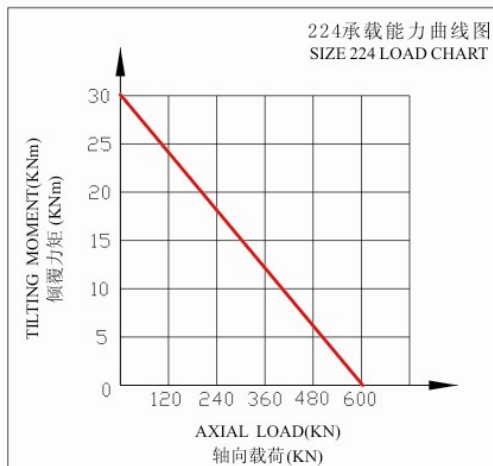
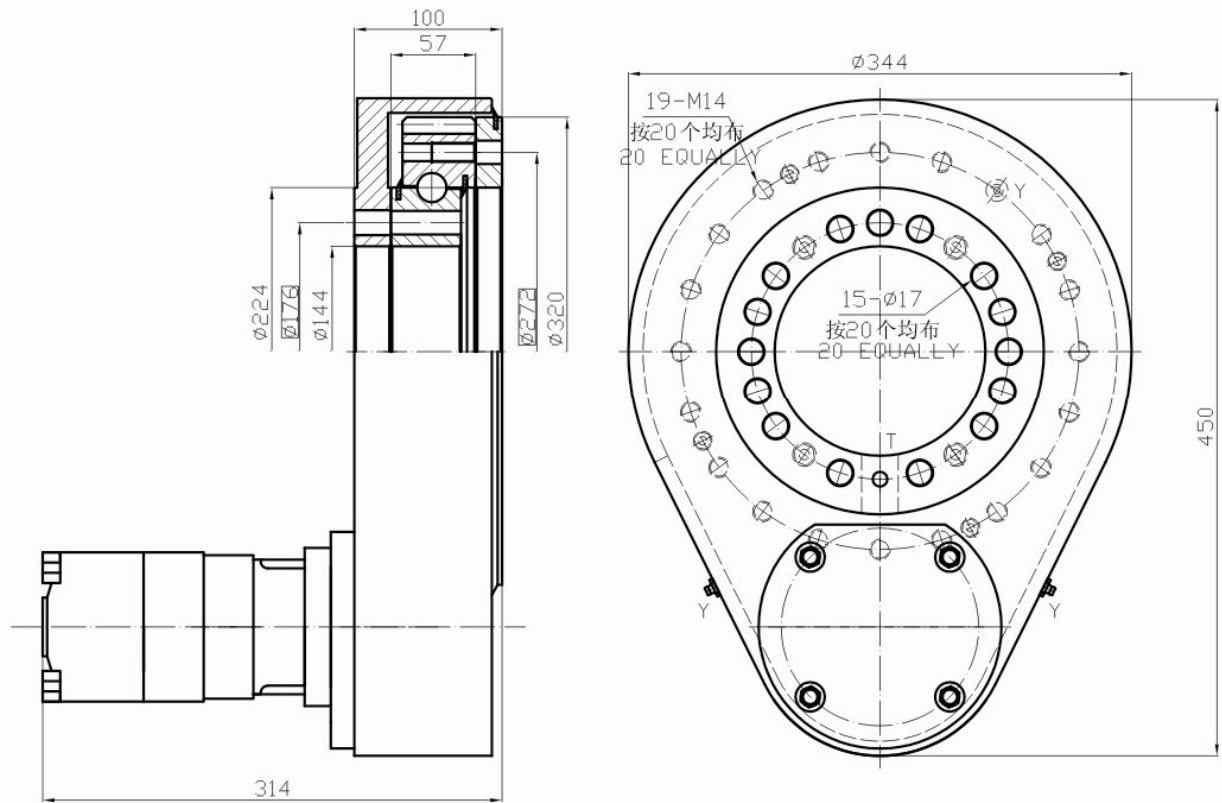


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	126:1
转矩 Normal torque	Md	[Nm]	35250
最大转矩 Max torque	Mdmax	[Nm]	42300
轴向静载 Static load rating, axial	Coax	[kN]	1598
径向静载 Static load rating, radial	Corad	[kN]	640

SG224

立式回转驱动 Vertical slewing drive

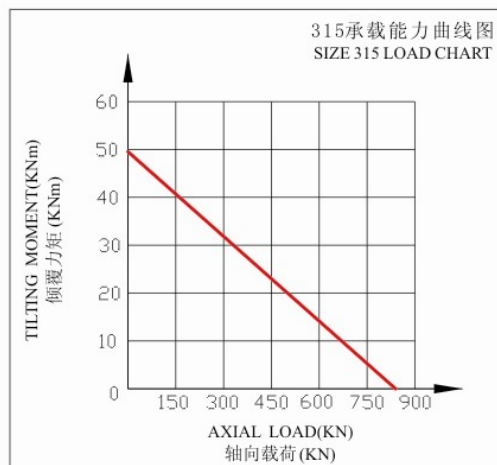
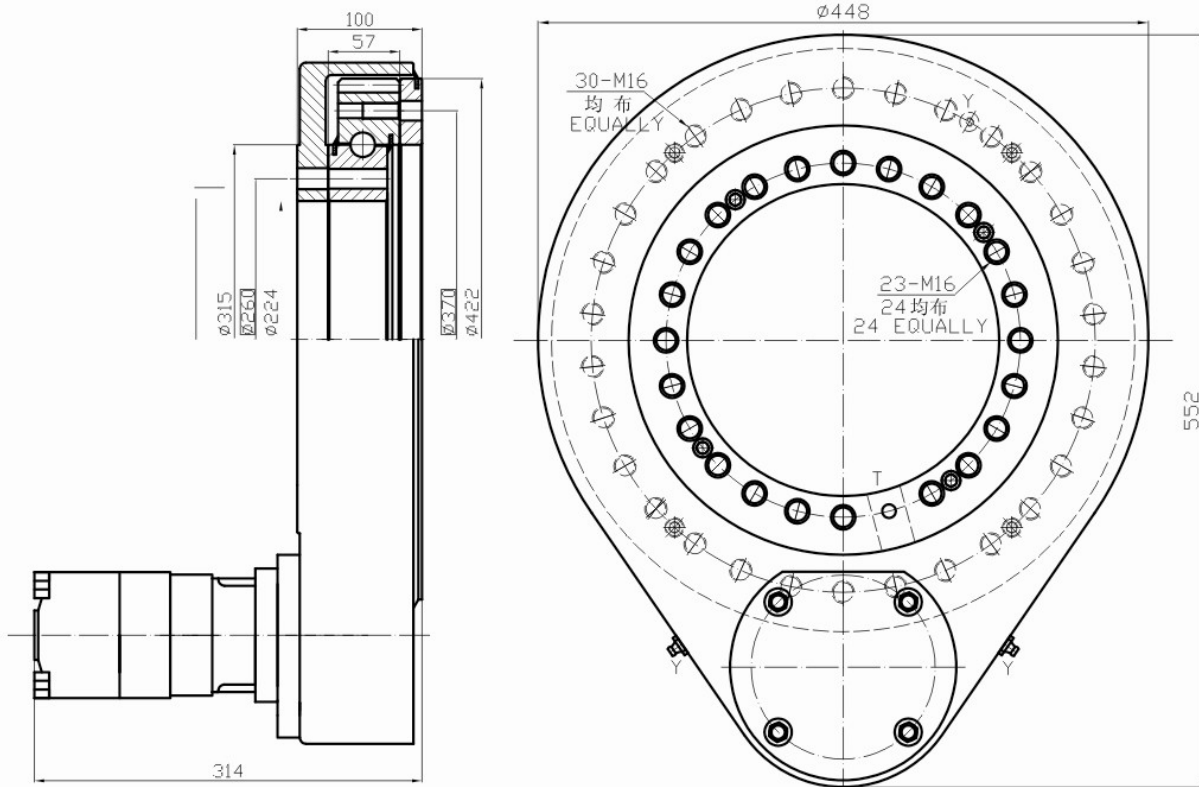


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	62:13
转矩 Normal torque	Md	[Nm]	3140
最大转矩 Max torque	Mdmax	[Nm]	6280
轴向静载 Static load rating, axial	Coax	[kN]	601
径向静载 Static load rating, radial	Corad	[kN]	200

SG315

立式回转驱动 Vertical slewing drive

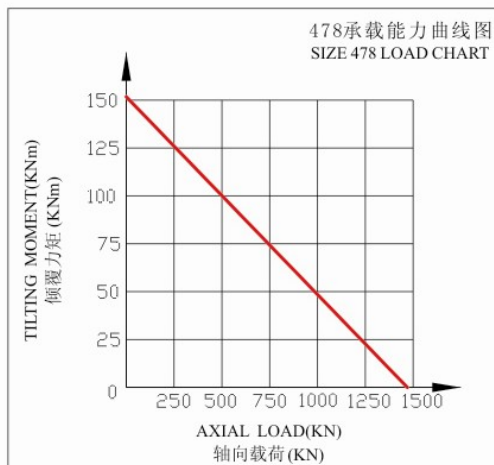
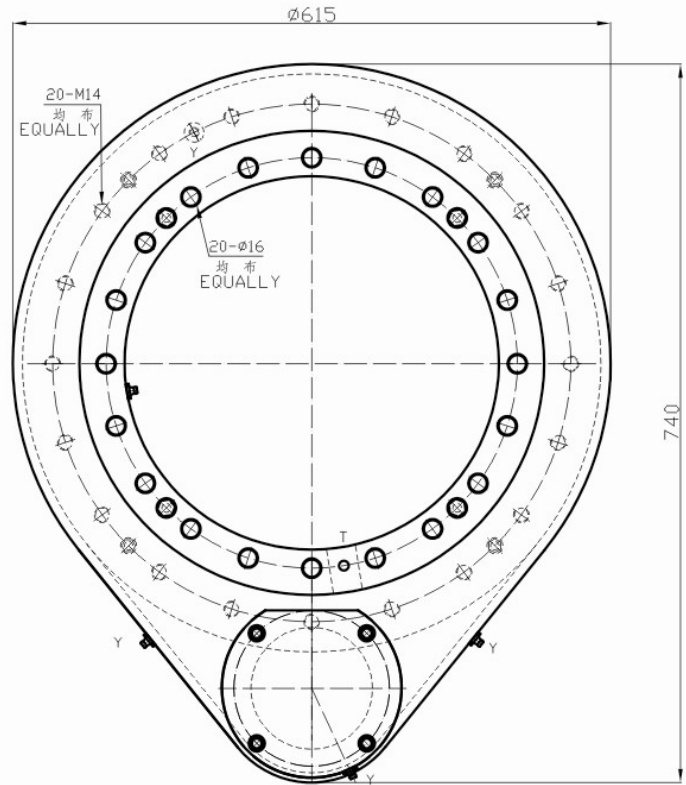
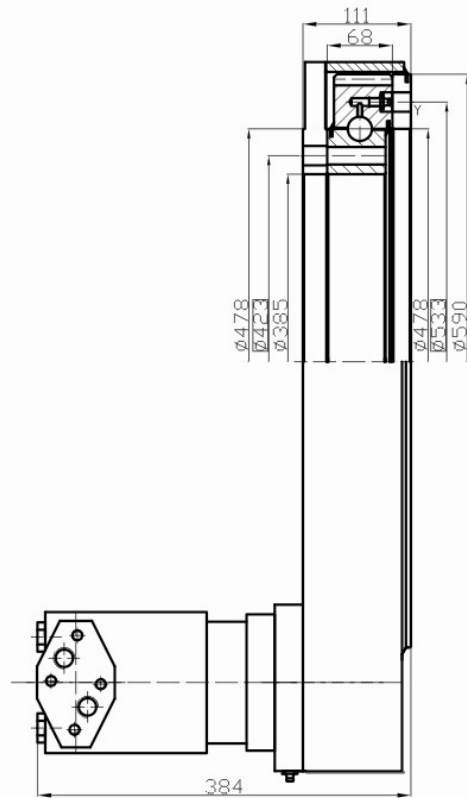


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	82:13
转矩 Normal torque	Md	[Nm]	4152
最大转矩 Max torque	Mdmax	[Nm]	8305
轴向静载 Static load rating, axial	Coax	[kN]	915
径向静载 Static load rating, radial	Corad	[kN]	340

SG478

立式回转驱动 Vertical slewing drive

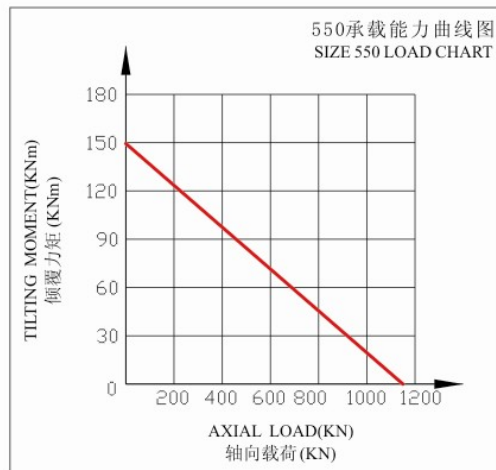
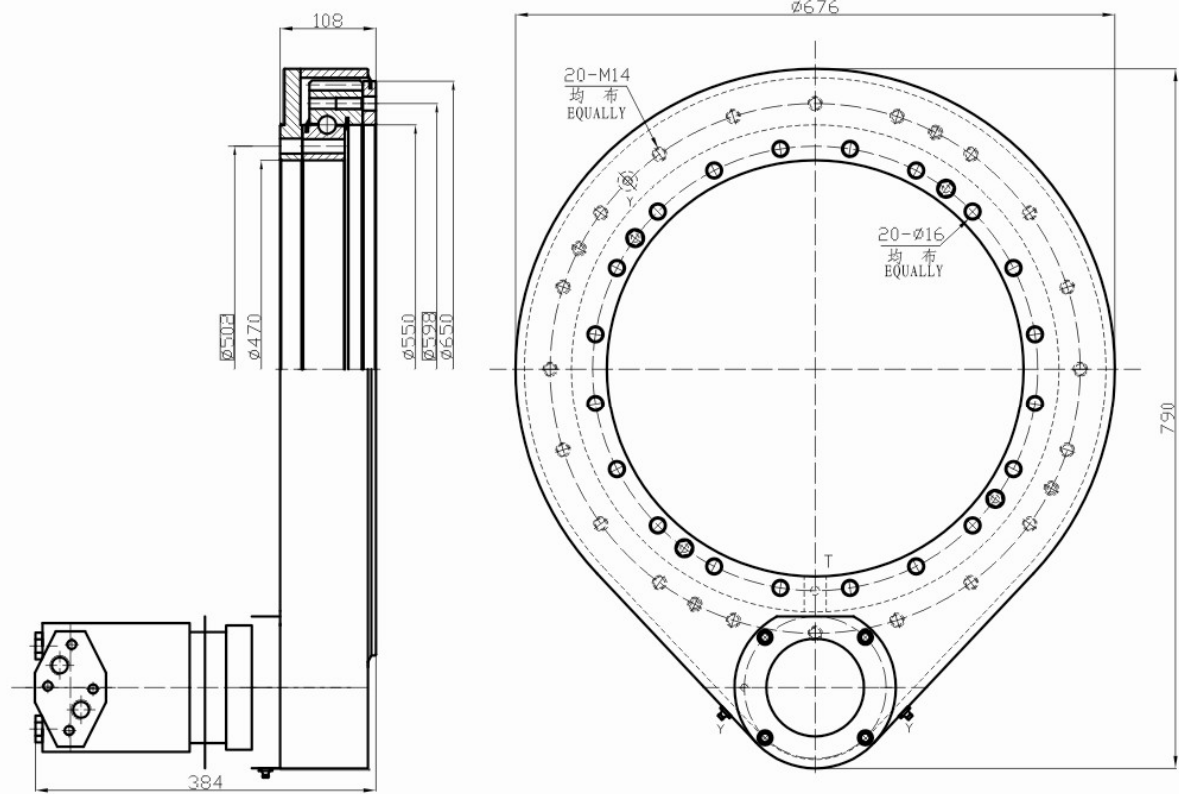


技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	116:15
转矩 Normal torque	Md	[Nm]	9500
最大转矩 Max torque	Mdmax	[Nm]	14250
轴向静载 Static load rating, axial	Coax	[kN]	1433
径向静载 Static load rating, radial	Corad	[kN]	520

SG550

立式回转驱动 Vertical slewing drive



技术参数 TECHNICAL FEATURES

模数 Module	m	[mm]	5
速比 Gear ratio	i	-	128:15
转矩 Normal torque	Md	[Nm]	10483
最大转矩 Max torque	Mdmax	[Nm]	15724
轴向静载 Static load rating, axial	Coax	[kN]	1598
径向静载 Static load rating, radial	Corad	[kN]	640

致力于挺直民族品牌的腰杆
Devote to national brand.



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