

- ◎ PCB电主轴系列
PCB electric spindle series
- ◎ 玻璃磨削电主轴系列
Electric spindle glass grinding series
- ◎ 高光及超精加工电主轴系列
High-gloss and superfinishing electric spindle series
- ◎ 超声波主轴系列
Ultrasonic spindle series
- ◎ 加工中心主轴系列
Machining center spindle series
- ◎ 钻攻中心电主轴系列
Drilling and tapping center electric spindle series
- ◎ 雕铣电主轴系列
Engraving and milling electric spindle series
- 磨削产品系列
Grinding solutions
- ◎ 车床主轴系列
Lathe spindle series
- ◎ 木工电主轴系列
Woodworking electric spindle series
- ◎ 牙雕电主轴系列
Dental electric spindle series
- ◎ 减速器系列
Reducer series
- ◎ 直线电机系列
Linear motor series
- ◎ 转台及摆头系列
Turntable and swivel rotary head series
- ◎ 刀柄夹头系列
Tool holder and collet series
- ◎ 夹具系列
Clamping series
- ◎ 昊志氢电空压机
Haozhi hydrogen electric air compressor

磨削产品系列 Grinding Solutions



www.haozhihs.com

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高精 · 高效 · 高稳定性

昊志机电产品之道

High precision · High efficiency · High stability

Haozhi Product Philosophy

为助力全球先进装备制造,
提升人类良好体验
而奋斗不止

keeps on striving for global advanced
manufacturing industry,for improving
human experience.

关于我们 About us

广州市昊志机电股份有限公司成立于2006年，是一家专业从事中高端数控机床、机器人、新能源汽车核心功能部件等的研发设计、生产制造、销售与维修服务的国家高新技术企业，于2016年在创业板上市（股票代码300503）。

昊志机电秉承“立足自主技术创新、服务全球先进制造”的发展战略，逐步发展成为国内外主轴专业领域中研产销规模最大的企业之一，电主轴领域全球市场占有率第一，公司立足主轴行业，借助在研发、制造、客户、品牌等方面的积累，稳步向数控机床和工业机器人等高端装备的核心功能部件领域横向扩张，目前产品涵盖PCB钻孔机/成型机/划片机电主轴、数控金属/玻璃雕铣机电主轴、数控车床主轴/电主轴、走芯车床电主轴、直结与皮带式机械主轴、加工中心电主轴、钻攻中心电主轴、高速内/外圆磨床主轴、木工雕铣机电主轴、高光及超精加工电主轴、超声波电主轴、液静压主轴、铣削动力头、末端执行机构、刀柄夹头、数控转台、直线电机、谐波减速器、数控系统、伺服电机、驱动器、传感器、燃料电池压缩机、曝气鼓风机、直驱类高速风机等数十个系列上百种产品。

昊志机电拥有一批经验丰富、锐意创新的科技型人才队伍，研发人员400余人，研究生占比12%，具备优异的创新水平、研发实力和竞争力，近三年平均研发投入占营收比重的8%以上，截止2024年12月31日，公司及境内子公司合计拥有专利819项。公司具备完善、齐全的各类高端实验室，包括：理化实验室、轴承实验室、测量实验室、电机实验室、综合性能实验室、切削实验室、直线电机实验室、减速机实验室、机器人实验室、磨合测试实验室、抗干扰能力实验室、可靠性实验室等。

Guangzhou Haozhi Industrial Co., Ltd.

Founded in 2006 and listed on GEM (stock code: 300503) in 2016, Haozhi is a international high-tech enterprise specializing in the R&D, design, production, sales, and maintenance of core functional components for mid- to high-end CNC machine tools, robots, and new-energy vehicles. Haozhi leads the motor spindles market and continues to expand.

Haozhi product range includes:

- Dental Spindles
- High Speed Cutting Spindles
- High Performance Cutting Spindles
- Coupling Spindles
- Turning Spindles
- Grinding Spindles
- PCB Drilling/Routing Spindles
- Ultra-precision Finish Milling Spindles
- Collets and Tool holders
- 4 Axis and 5 Axis Rotary Tables
- Linear Motors
- Cobots/Harmonic Reducers/Robot Joint/Brake/Torque Sensor/End Effector
- EV Hydrogen Compressor

Haozhi boasts a highly skilled and innovative team with over 300 R&D personnel and more than 30 specially appointed experts, both domestic and international masters. The proportion of R&D investment in operating income over the past three years exceeds 8%, resulting in 819 patents as of December 31, 2024. Haozhi maintains comprehensive high-end laboratories for extensive testing and innovation.



禾丰厂 Hefeng Factory



江东厂 Jiangdong Factory



田园厂 Tianyuan Factory

全球知名的生产基地

厂房建筑面积18.9万平方米,产能达约200,000支/年

Global Manufacturing Base

Covering an area of 189,000m², capacity: about 200,000pcs spindles per year

汇聚全球顶尖的加工设备
最高加工精度可达0.1μm

Gathering world-class cutting-edge processing equipments
Featuring Asia's first fully automated production line, machining precision up to 0.1 μm.



雄拥世界级技术研究中心
300余人研发团队,近三年研发投入占销售额8%以上

Haozhi has world-class technology research center
More than 300 R&D investment in the past three years accounted for more than 8% of sales



国际一流检测仪器及设备
具备纳米级检测精度

Ultra-precision Measuring and Inspection Instruments
With nanoscale precision



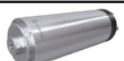
液静压目录

Hydraulic List

主轴类型 Spindle type	主轴型号 Spindle model	缩略图 Thumbnail	最高转速 Max speed	页码 Pages
电主轴 Motorized spindle	DYFDM-120(100)15/22-XWS		3,000rpm	09-10
	DYFDM-125(080)15/5.5-XVM		1,500rpm	11-12
	DYFDM-125(080)66/35-XWS		6,000rpm	13-14
	DYFDM-125(100)30/40-XWS		3,000rpm	15-16
	DYFDM-125(100)36/30-XWS		3,800rpm	17-18
	DYFDM-150(035)240/7.5-XWS		24,000rpm	19-20
	DYFDM-150(080)15/5.5-XWS		3,000rpm	21-22
	DYFDM-160(080)50/9.4-FWVS		5,000rpm	23-24
	DYFDM-165(100)36/35-XWS		3,600rpm	25-26
	DYFDM-170(100)30/22-XWS		3,600rpm	27-28
	DYFDM-185(100)36/35-XWS		3,500rpm	29-30
	DYFDM-200(100)20/23-F		2,500rpm	31-32
液静压转台 Hydrostatic rotary table	DYFDM-300(320)0.6/0.75-WS		60pm	33-34
	DYFDM-450(290)01/5-WS		150rpm	34-35
	DYFJM-120(065)28/5.5A2-F		2,200rpm	36
机械主轴 Mechanical spindle	DYFJM-125(065)15/5.5-X		1,500rpm	37
	DYFJM-130(075)40-YFM59 (6)		4,000rpm	38
	DYFJM-150(090)20/7.5-F		2,000rpm	39
	DYFJM-180(100)20/15A2-F		2,500rpm	40
	DYFJM-180(110)20/11A2-F		2,000rpm	41
	DYFJM-200(120)29/15-F		2,900rpm	42

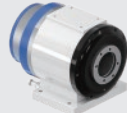
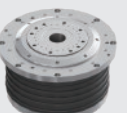
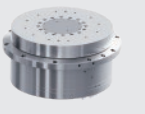
磨削主轴目录

Ball Bearing Grinding Spindle List

主轴类型 Spindle type	主轴型号 Spindle model	缩略图 Thumbnail	最高转速 Max speed	页码 Pages
外圆磨 External Grinding	DGZM-1604/6-FWS		4,000rpm	47-48
	DGZM-18006/25-FWS		6,000rpm	49-50
	DGZM-21004/15-FWS		4,000rpm	51-52
内圆磨 Internal Grinding	DGZM-08040/4.0-DWS		40,000rpm	53-54
	DGZM-10040/6.0C-DWS		40,000rpm	55-56
	DGZM-10060/8.5-DWQS		60,000rpm	57-58
	DGZM-12030/15-DWS		30,000rpm	59-60
	DGZM-12042/15-DFWQS		42,000rpm	61-62
	DGZM-12042/15A-DWQS		42,000rpm	63-64
	DGZM-15024/22-DFWS		24,000rpm	65-66
工具磨 Grinding of Tools	DGZM-08012		12,000rpm	67-68
	DGZM-12015/8.5-KFWS		15,000rpm	69-70
	DGZM-15010/13B2-KFWS		10,000rpm	71-72
	DGZYM-17008/22A-KWS		8,000rpm	73-74
	DGZYM-20008/22-KWS		8,000rpm	75-76
砂轮修整 Dressing Of Grinding Wheels	DGZM-07212/1-GS		12,000rpm	77-78
	DGZM-08008/0.6-WM		8,000rpm	79-80
工件轴 Workpiece Axi	DGZYM-1700.6/-FWM		600rpm	81-82
	DGZYM-2000.4/6.5-FWVM		400rpm	83-84
	DGZYM-2400.8/12-FWVM		800rpm	85-86

磨削转台目录

Grinding Rotary Table List

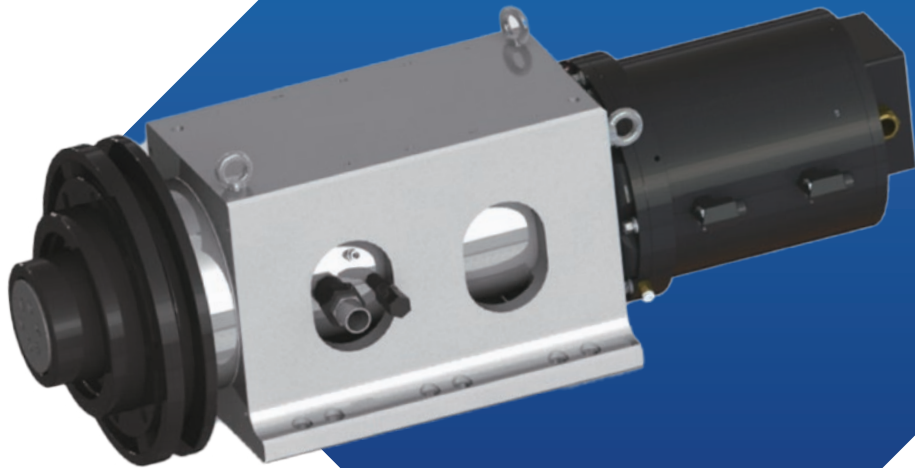
型号 Model	缩略图 Thumbnail	最高转速 Max speed	页码 Pages
DZDH-110-2000-100-20-A26W		2000rpm	89-90
DZDH-125-240-120-30-A26-A2		240rpm	91-92
DZDA-125-300/600-105/20-A26-A/A		200rpm/240rpm	93-94
DZDC-125-250/250-157/50-A26-A/A		250rpm/250rpm	95-96
DZDH-175-250-150-65-A26-A4		250rpm	97-98
DZDV-320-200-41-300-A26		100rpm	99-100
DZDV-320-200-225-300-A26		200rpm	101-102
DZDV-500-700-112.5-400-A26-A		1400rpm	103-104
DZDV-630-400-365-716.5-A28-H-A		1000rpm	105-106

液压主轴系列 >>>

Hydraulic Spindle Series

具备“变频器—电机—主轴系统一切削载荷”系统的动态特性优化设计能力。可根据用户需求,对电主轴电机的速度和力矩特性进行优化设计,实现结构优化、发热最小、力矩特性最佳,使电主轴投入运行后的实际力矩特性最大限度地满足用户需求。

The longstanding practical know-how enables Haozhi to design an optimal solution of integration of frequency converter-motor-spindle-grinding quality. And the motor speed and torque performance of the spindle can be designed optimally, therefore, the structure optimization, the least heat emitting and the best torque characteristics can be obtained. As a result, the actual torque performance when spindle running can meet the customer requirement to the uttermost.



主要性能特点 Main Features

高精度
液体油膜特有的“误差均化效应”使得液体动静压主轴具有超高回转精度,可小于0.1μm。

High precision
The homogenous oil cushion empowers hydrostatic spindle with ultra-precise rotation accuracy, less than 0.1 μm.

高刚性
液体动静压主轴经过精密计算及独有的动态仿真分析,具有低振动、高刚性、高承载能力的优势。

High rigidity
After precise calculation and unique dynamic simulation analysis,hydrostatic spindle has the advantages of low vibration, high rigidity and high bearing capacity.

高转速
超高转速和动刚性，为磨床高速高精加工提供强大支持，最高转速可达24,000rpm。

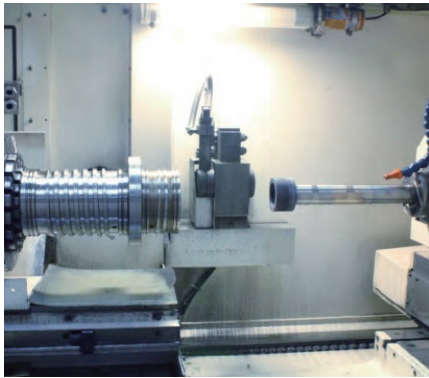
High speed
With high speed and dynamic rigidity, it provides powerful support for high speed and high precision processing of grinding machine. The maximum speed can reach 24,000 rpm.

高稳定性
采用动静压轴承，全液体悬浮,理论上无磨损，保证超高运转精度、高稳定性、及长寿命。

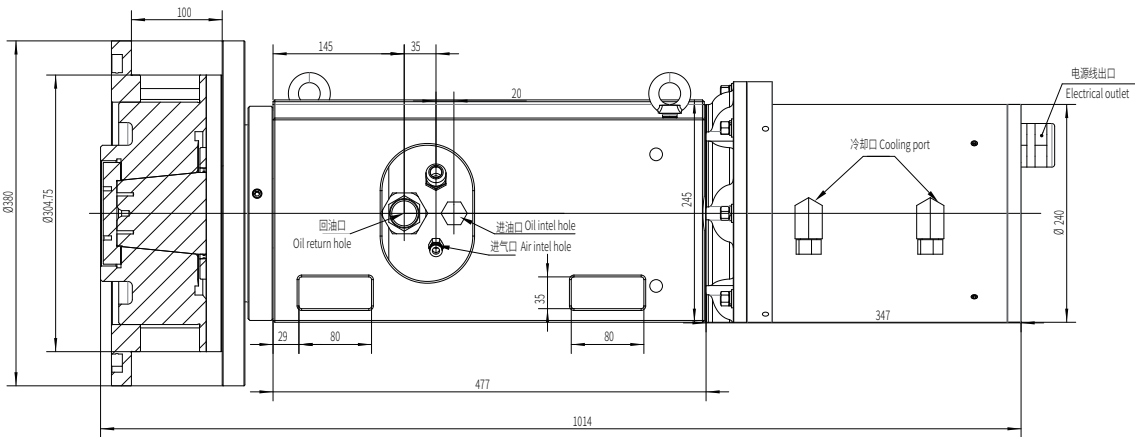
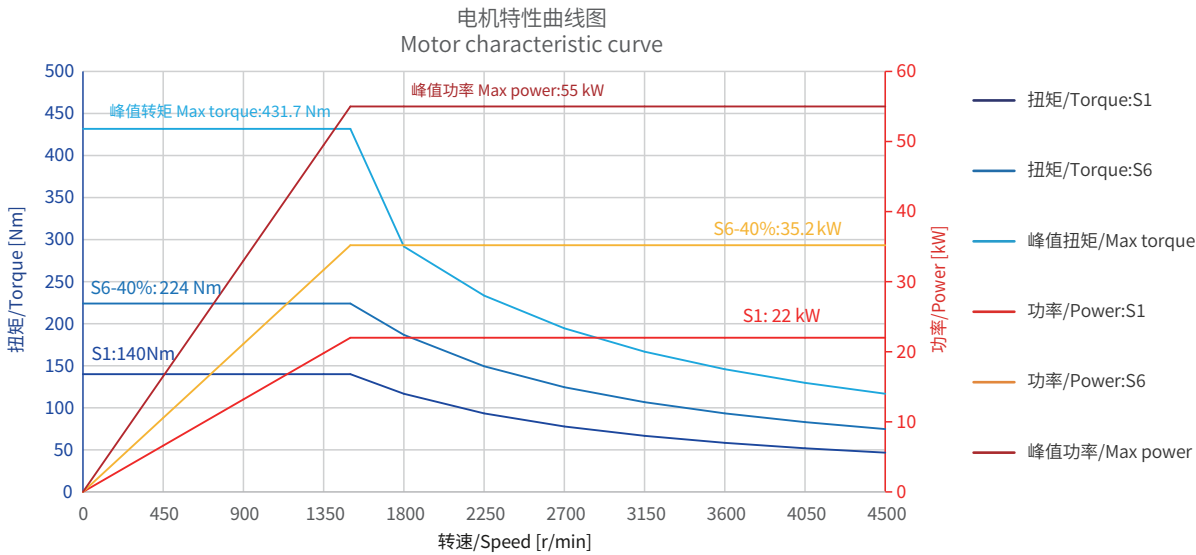
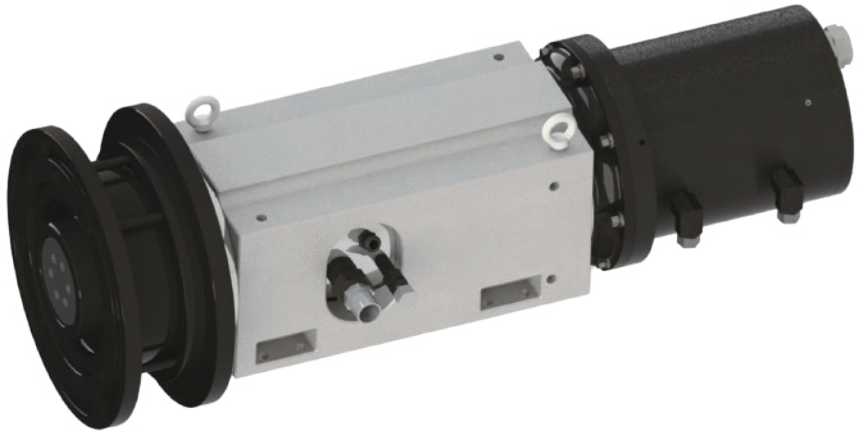
High stability
High operating accuracy, high stability and long life are ensured by adopting hydrostatic bearing to make whole liquid suspension, with no wear in theory.

客制化
可根据客户使用环境和精度要求，为客户定制专属产品。

Customization
According to customer use environment and precision requirements, customized products for customers.



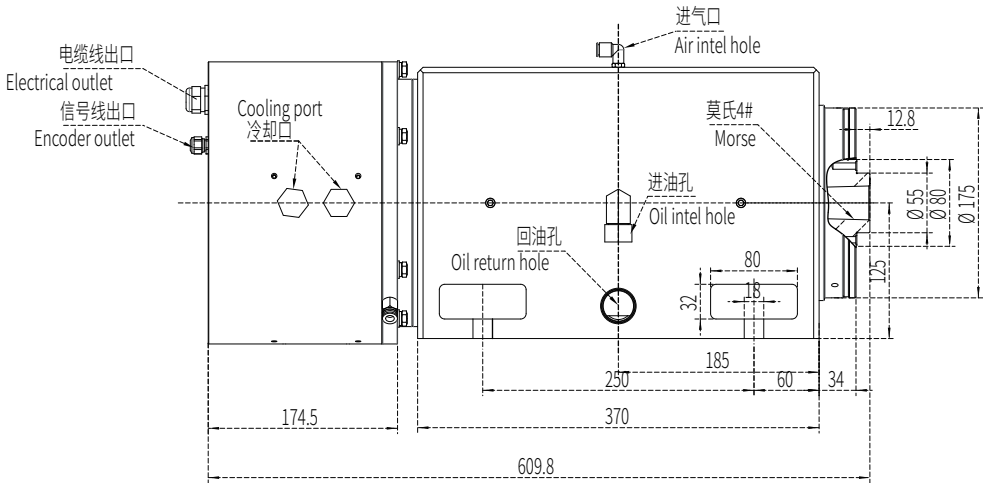
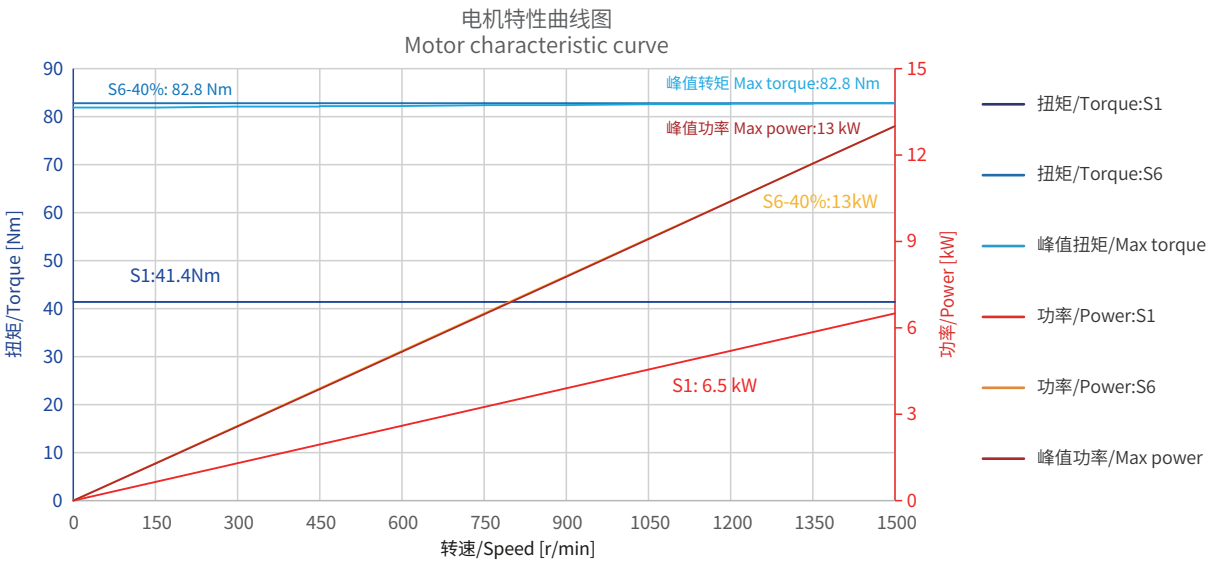
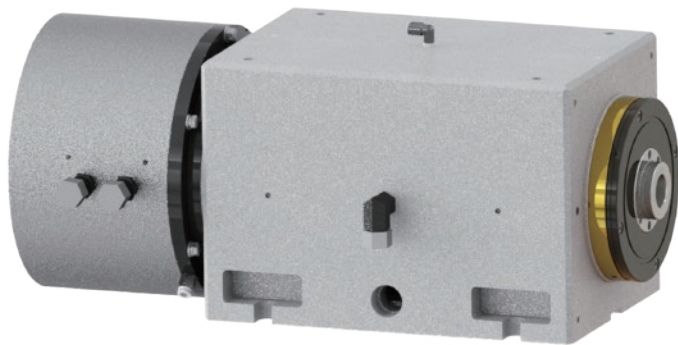
电主轴 Motorized spindle
DYFDM-120(100)15/22-XWS



型号	DYFDM-120(100)15/22-XWS
中心高	120mm
润滑油牌号	ISO VG3
供油压力	2.5-5Mpa
轴向静刚度	≥400N/μm
轴端径向刚度	≥400N/μm
前端径向跳动	≤0.0001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	后置式电机驱动
旋转方向	双向旋转
最高转速	3000rpm
最大频率	300Hz
电机类型	同步电机
额定电压	380V
输出功率S1 100%	22kW
输出扭矩S1 100%	140N.m
额定电流S1 100%	52A
电机冷却方式	油冷 (推荐)
适用范围	用于龙门磨床
净重	426±1kg

Model	DYFDM-120(100)15/22-XWS
Height of center	120mm
Lubricating oil type	ISO VG3
Oil supply pressure	2.5-5Mpa
Axial static stiffness	≥400N/μm
Axial radial stiffness	≥400N/μm
Front end radial runout	≤0.0001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Rear motor drive
Rotation movement	Two-way rotation
Maximum speed	3000rpm
Max. Frequency	300Hz
Motor system	Synchronous motor
Rated voltage	380V
Power output S1 100%	22kW
Output torque S1 100%	140N.m
Rated current S1 100%	52A
Cooling system	Oil cooling (Recommended)
Application area	Used for gantry grinder machine
Weight	426±1kg

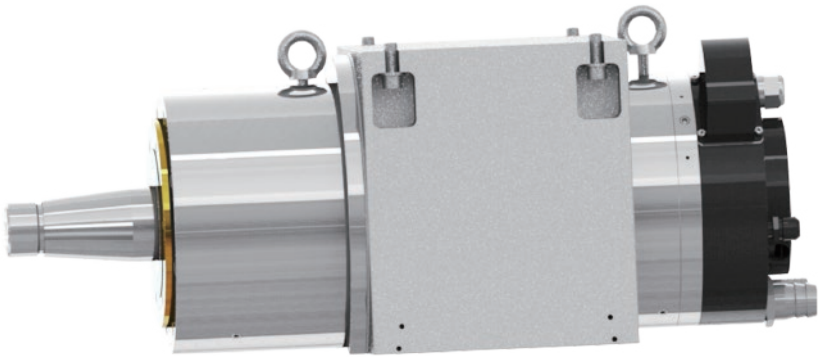
电主轴 Motorized spindle
DYFDM-125(080)15/5.5-XVM



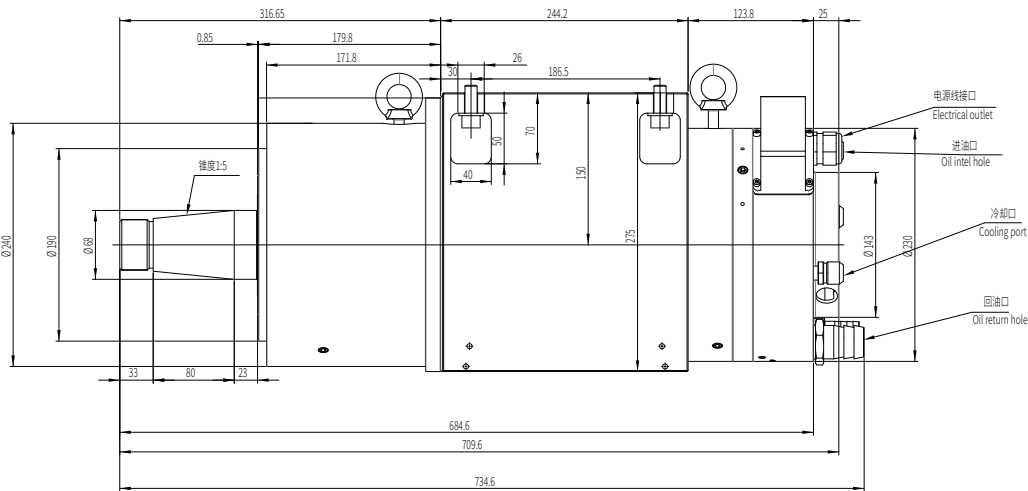
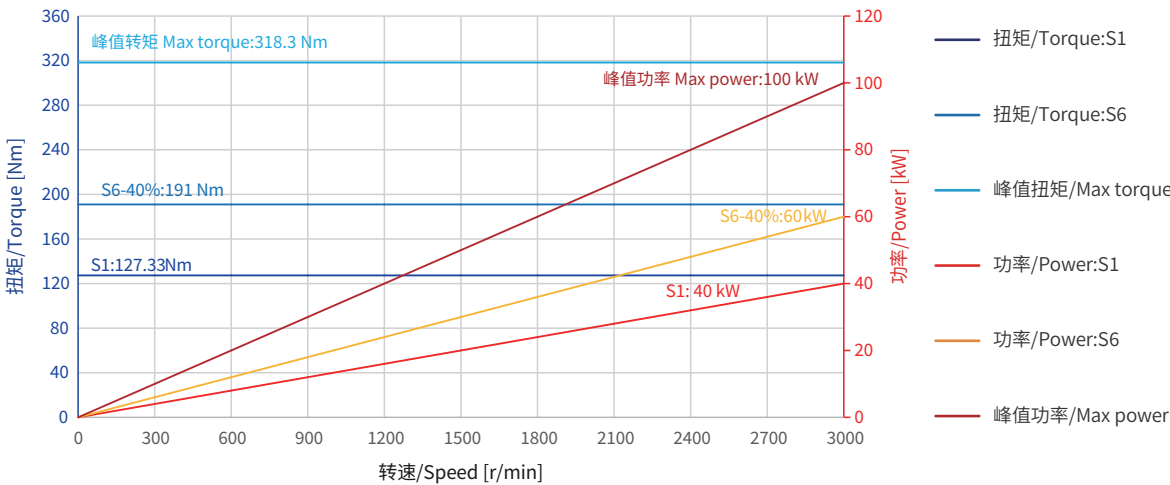
型号	DYFDM-125(080)15/5.5-XVM
中心高	125mm
润滑油牌号	ISO VG5
供油压力	2.5-5.0Mpa
轴向静刚度	≥300N/μm
轴端径向刚度	≥250N/μm
前端径向跳动	≤0.0005mm
轴向窜动	≤0.0005mm
回转精度	≤0.0002mm
驱动形式	后置式电机驱动
旋转方向	双向旋转
最高转速	1500rpm
最大频率	375Hz
电机类型	同步电机
额定电压	220V
输出功率S1 100%	6.5kW
输出扭矩S1 100%	41.4N.m
额定电流S1 100%	18.4A
电机冷却方式	油冷 (推荐)
适用范围	用于机床头架
净重	223±10kg

Model	DYFDM-125(080)15/5.5-XVM
Height of center	125mm
Lubricating oil type	ISO VG5
Oil supply pressure	2.5-5.0Mpa
Axial static stiffness	≥300N/μm
Axial radial stiffness	≥250N/μm
Front end radial runout	≤0.0005mm
Axial end axial movement	≤0.0005mm
Rotation precision	≤0.0002mm
Drive type	Rear motor drive
Rotation movement	Two-way rotation
Maximum speed	1500rpm
Max. Frequency	375Hz
Motor system	Synchronous motor
Rated voltage	220V
Power output S1 100%	6.5kW
Output torque S1 100%	41.4N.m
Rated current S1 100%	18.4A
Cooling system	Oil cooling (recommended)
Application area	Used for machine tool headstock
Weight	223±10kg

电主轴 Motorized spindle
DYFDM-125(100)30/40-XWS



电机特性曲线图
Motor characteristic curve



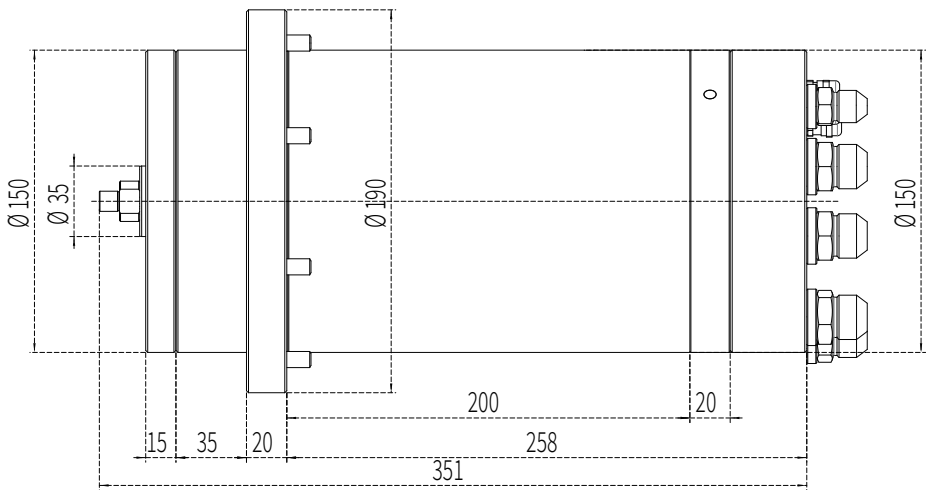
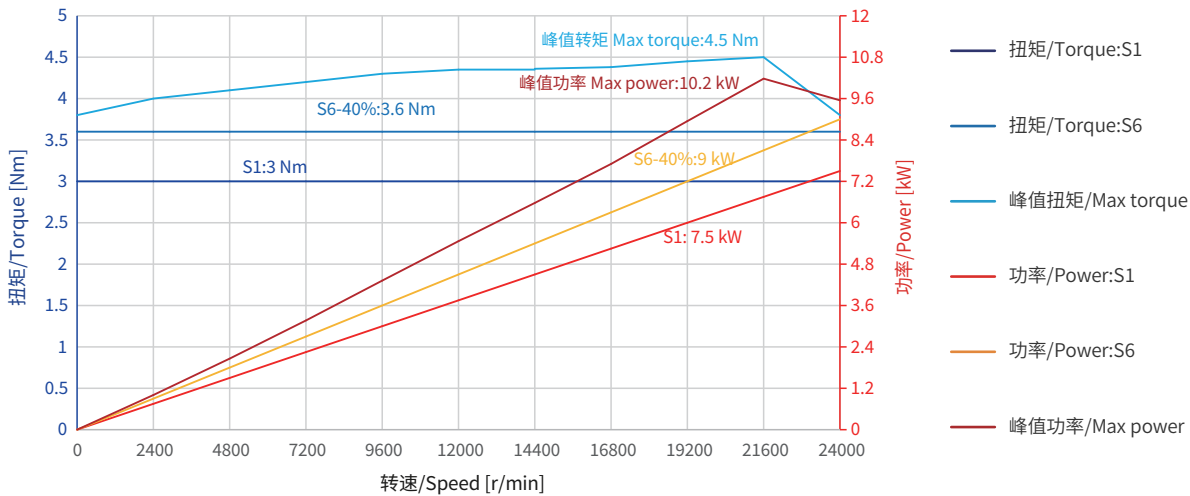
型号	DYFDM-125(100)30/40-XWS
中心高	125mm
润滑油牌号	ISO VG2
供油压力	2.5-5.0Mpa
轴向静刚度	≥800N/μm
轴端径向刚度	≥360N/μm
前端径向跳动	≤0.0003mm
轴向窜动	≤0.0003mm
回转精度	≤0.0001mm
驱动形式	内置式电机驱动
旋转方向	顺时针
最高转速	3000rpm
最大频率	200Hz
电机类型	同步电机
额定电压	380V
输出功率S1 100%	40kW
输出扭矩S1 100%	127.4N.m
额定电流S1 100%	70A
电机冷却方式	水冷(推荐)
适用范围	用于曲面磨削
净重	245±10kg

Model	DYFDM-125(100)30/40-XWS
Height of center	125mm
Lubricating oil type	ISO VG2
Oil supply pressure	2.5-5.0Mpa
Axial static stiffness	≥800N/μm
Axial radial stiffness	≥360N/μm
Front end radial runout	≤0.0003mm
Axial end axial movement	≤0.0003mm
Rotation precision	≤0.0001mm
Drive type	Built-in motor drive
Rotation movement	Clockwise
Maximum speed	3000rpm
Max. Frequency	200Hz
Motor system	Synchronous motor
Rated voltage	380V
Power output S1 100%	40kW
Output torque S1 100%	127.4N.m
Rated current S1 100%	70A
Cooling system	Water cooling (Recommended)
Application area	Used for curved surface grinding
Weight	245±10kg

电主轴 Motorized spindle
DYFDM-150(035)240/7.5-XWS



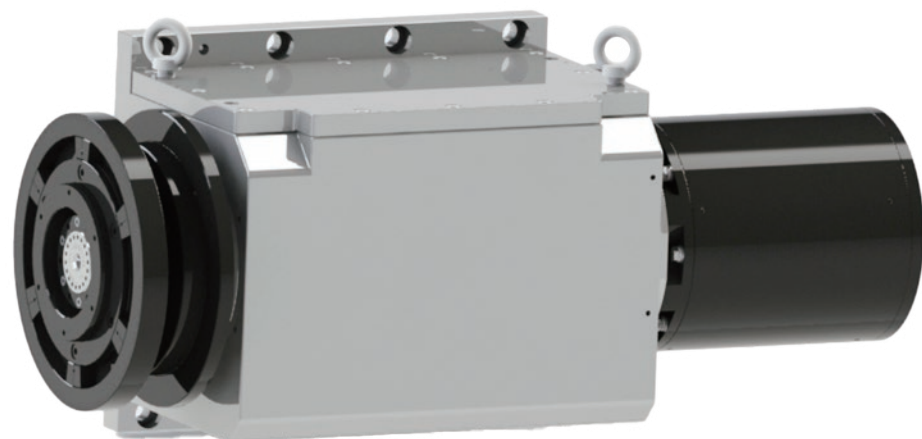
电机特性曲线图
Motor characteristic curve



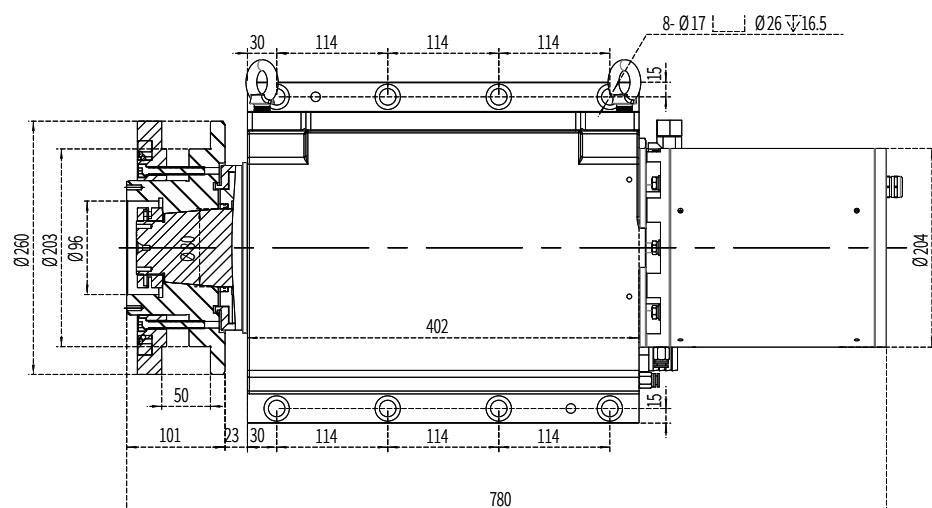
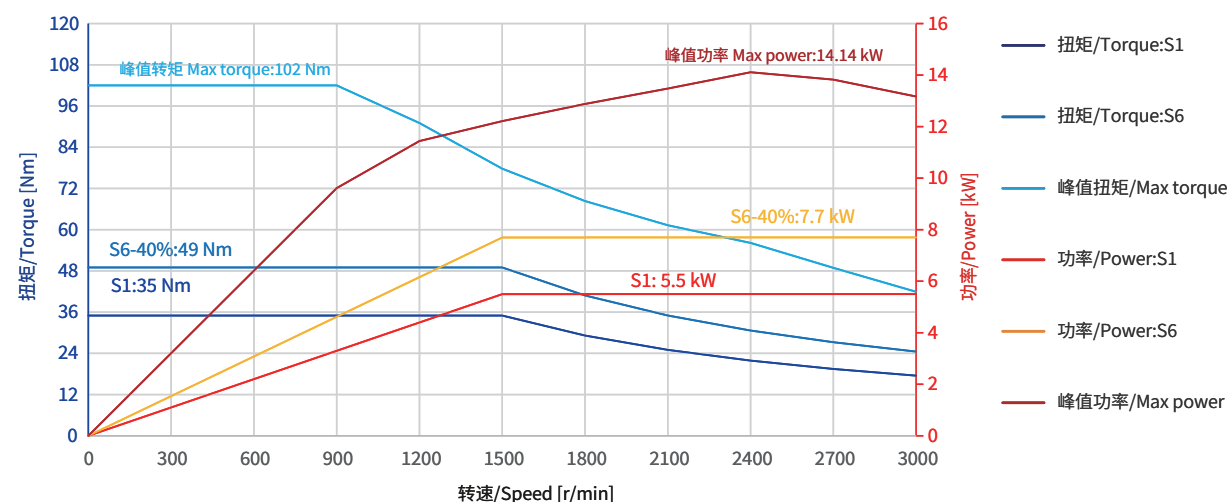
型号	DYFDM-150(035)240/7.5-XWS
中心高	φ150mm
润滑油牌号	ISO VG2
供油压力	2.5-3.0Mpa
轴向静刚度	≥50N/μm
轴端径向刚度	≥40N/μm
前端径向跳动	≤0.0003mm
轴向窜动	≤0.0003mm
回转精度	≤0.0001mm
驱动形式	内置式电机驱动
旋转方向	逆时针
最高转速	24000rpm
最大频率	800Hz
电机类型	异步电机
额定电压	380V
输出功率S1 100%	7.5kW
输出扭矩S1 100%	3N.m
额定电流S1 100%	15A
电机冷却方式	油冷 (推荐)
适用范围	用于高速内圆磨床
净重	43±2kg

Model	DYFDM-150(035)240/7.5-XWS
Height of center	φ150mm
Lubricating oil type	ISO VG2
Oil supply pressure	2.5-3.0Mpa
Axial static stiffness	≥50N/μm
Axial radial stiffness	≥40N/μm
Front end radial runout	≤0.0003mm
Axial end axial movement	≤0.0003mm
Rotation precision	≤0.0001mm
Drive type	Built-in motor drive
Rotation movement	Anticlockwise
Maximum speed	24000rpm
Max. Frequency	800Hz
Motor system	Asynchronous motor
Rated voltage	380V
Power output S1 100%	7.5kW
Output torque S1 100%	3N.m
Rated current S1 100%	15A
Cooling system	Oil cooling (Recommended)
Application area	Used for high speed internal grinder
Weight	43±2kg

电主轴 Motorized spindle
DYFDM-150(080)15/5.5-XWS



电机特性曲线图
Motor characteristic curve



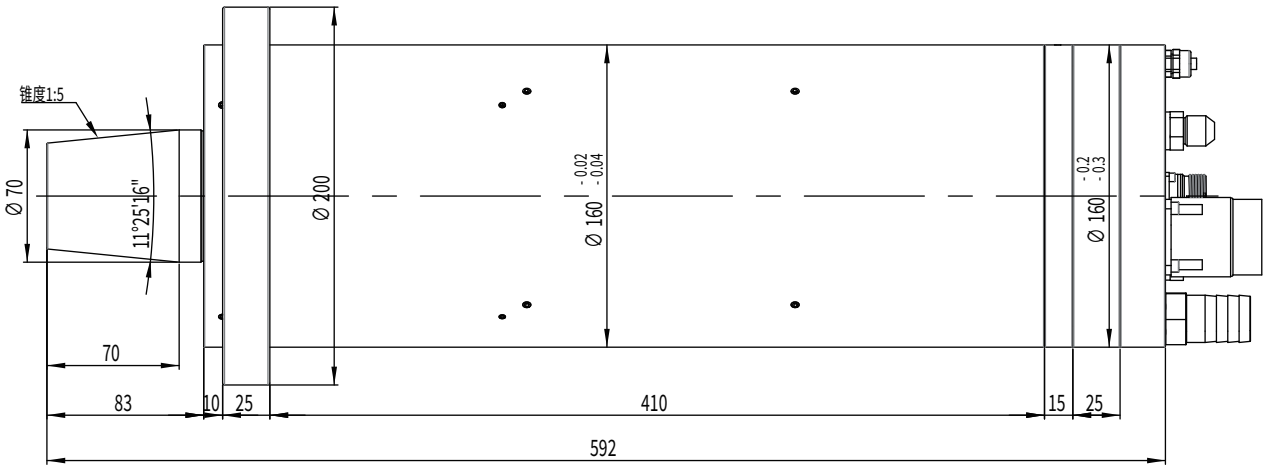
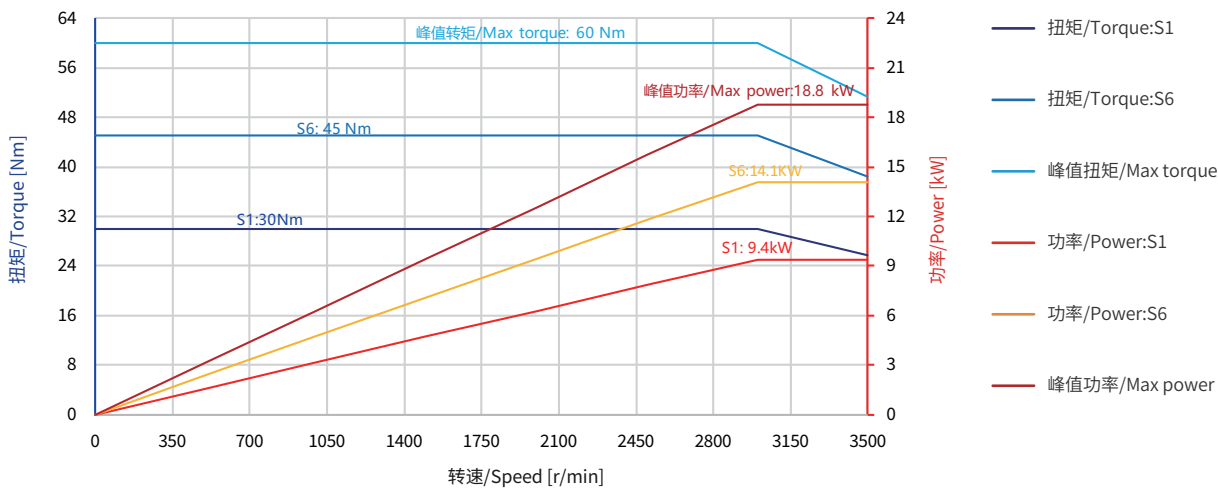
型号	DYFDM-150(080)15/5.5-XWS
中心高	170mm
润滑油牌号	ISO VG5
供油压力	2.5-5.0Mpa
轴向静刚度	≥150N/μm
轴端径向刚度	≥150N/μm
前端径向跳动	≤0.0005mm
轴向窜动	≤0.0005mm
回转精度	≤0.0002mm
驱动形式	后置式电机驱动
旋转方向	顺时针
最高转速	3000rpm
最大频率	100Hz
电机类型	异步电机
额定电压	300V
输出功率S1 100%	5.5kW
输出扭矩S1 100%	35N.m
额定电流S1 100%	14A
电机冷却方式	油冷(推荐)
适用范围	用于外圆、凸轮磨床
净重	278±10kg

Model	DYFDM-150(080)15/5.5-XWS
Height of center	170mm
Lubricating oil type	ISO VG5
Oil supply pressure	2.5-5.0Mpa
Axial static stiffness	≥150N/μm
Axial radial stiffness	≥150N/μm
Front end radial runout	≤0.0005mm
Axial end axial movement	≤0.0005mm
Rotation precision	≤0.0002mm
Drive type	Rear motor drive
Rotation movement	Clockwise
Maximum speed	3000rpm
Max. Frequency	100Hz
Motor system	Asynchronous motor
Rated voltage	300V
Power output S1 100%	5.5kW
Output torque S1 100%	35N.m
Rated current S1 100%	14A
Cooling system	Oil cooling (Recommended)
Application area	Used for cylindrical CAM grind ing machine
Weight	278±10kg

电主轴 Motorized spindle
DYFDM-160(080)50/9.4-FWVS



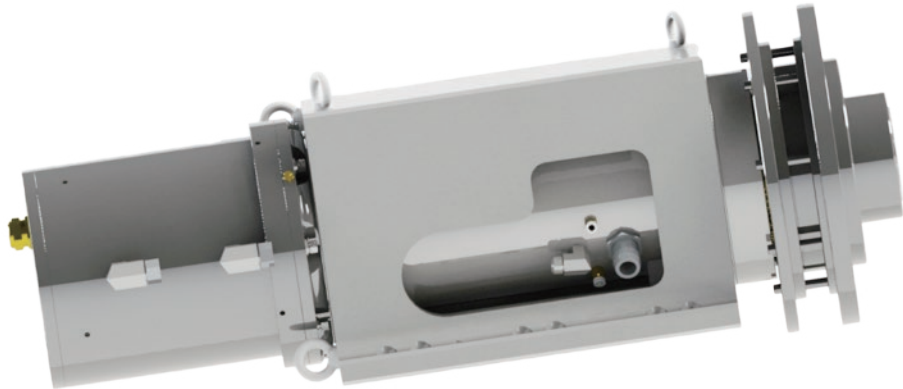
电机特性曲线图
Motor characteristic curve



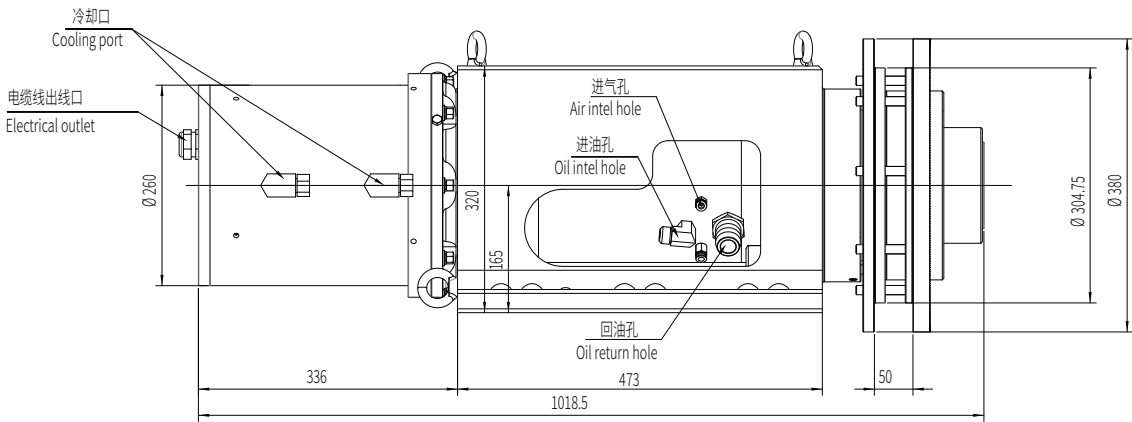
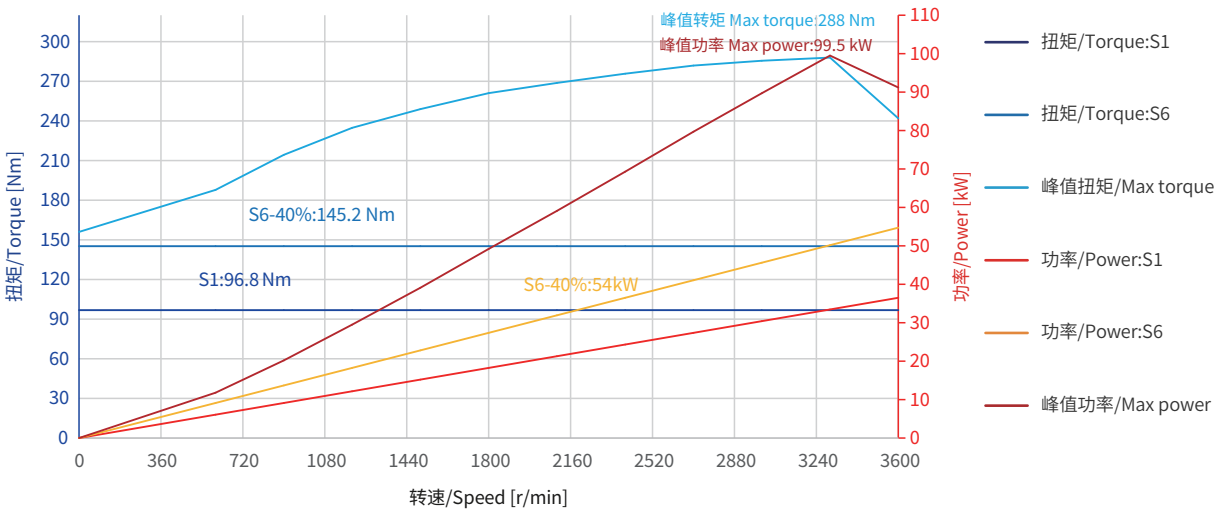
型号	DYFDM-160(080)50/9.4-FWVS
安装外径	φ160mm
主轴油牌号	ISO VG2
供油压力	3-3.5Mpa
轴向静刚度	≥350N/μm
轴端径向刚度	≥200N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	内置式电机驱动
旋转方向	顺时针
最高转速	5000rpm
最大频率	250Hz
电机类型	同步电机
额定电压	380V
输出功率S1 100%	9.4kW
输出扭矩S1 100%	30N.m
额定电流S1 100%	19.5A
电机冷却方式	油冷 (推荐)
适用范围	用于螺纹磨床
净重	80±1kg

Model	DYFDM-160(080)50/9.4-FWVS
Installation outside diameter	φ160mm
Drive oil type	ISO VG2
Oil supply pressure	3-3.5Mpa
Axial static stiffness	≥350N/μm
Axial radial stiffness	≥200N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Built-in motor drive
Rotation movement	Clockwise
The highest speed	5000rpm
Max. Frequency	250Hz
Motor system	Synchronous motor
The rated voltage	380V
Power output S1 100%	9.4kW
Output torque S1 100%	30N.m
Rated current S1 100%	19.5A
Cooling system	Oil cooling (recommended)
Application area	Used for thread grinder
Net weight	80±1kg

电主轴 Motorized spindle
DYFDM-165(100)36/35-XWS



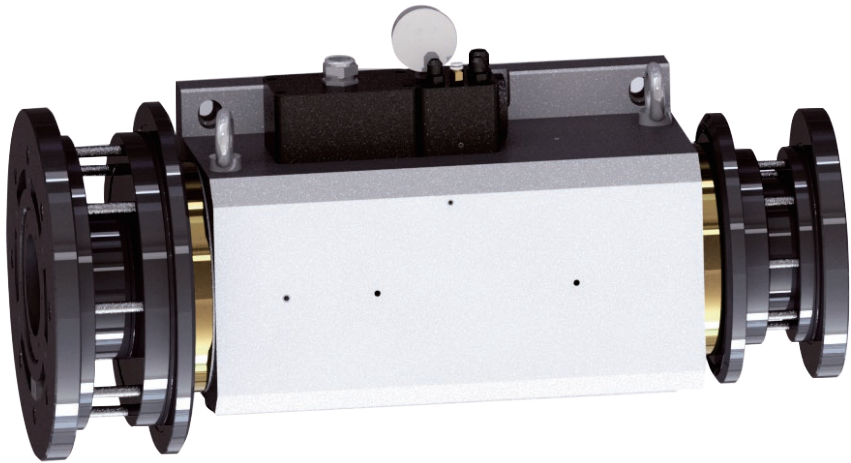
电机特性曲线图
Motor characteristic curve



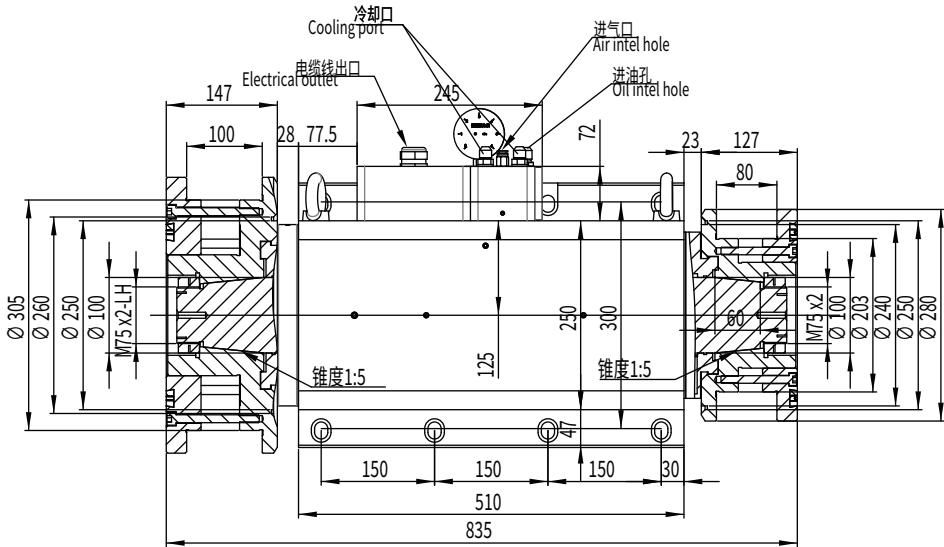
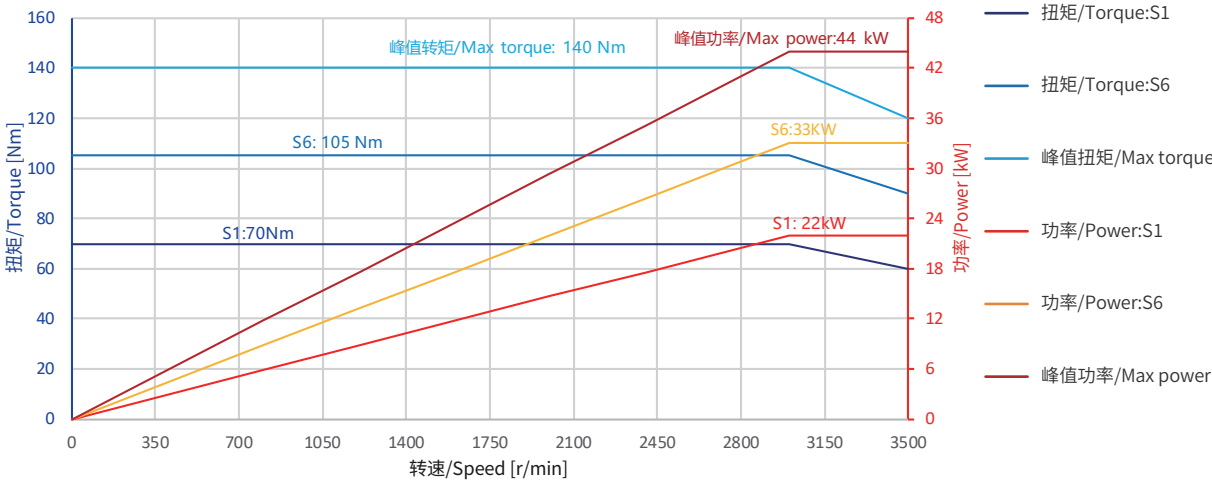
型号	DYFDM-165(100)36/35-XWS
中心高	165mm
润滑油牌号	ISO VG2
供油压力	2.0-2.5Mpa
轴向静刚度	≥400N/μm
轴端径向刚度	≥400N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	后置式电机驱动
旋转方向	双向旋转
最高转速	3600rpm
最大频率	180Hz
电机类型	异步电机
额定电压	380V
输出功率S1 100%	36kW
输出扭矩S1 100%	96.8N.m
额定电流S1 100%	66A
电机冷却方式	油冷 (推荐)
适用范围	用于外圆、凸轮磨床
净重	512±20kg

Model	DYFDM-165(100)36/35-XWS
Height of center	165mm
Lubricating oil type	ISO VG2
Oil supply pressure	2.0-2.5Mpa
Axial static stiffness	≥400N/μm
Axial radial stiffness	≥400N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Rear motor drive
Rotation movement	Two-way rotation
Maximum speed	3600rpm
Max. Frequency	180Hz
Motor system	Asynchronous motor
Rated voltage	380V
Power output S1 100%	36kW
Output torque S1 100%	96.8N.m
Rated current S1 100%	66A
Cooling system	Oil cooling (Recommended)
Application area	Used for machine tool headstock
Weight	512±20kg

电主轴 Motorized spindle
DYFDM-170(100)30/22-XWS



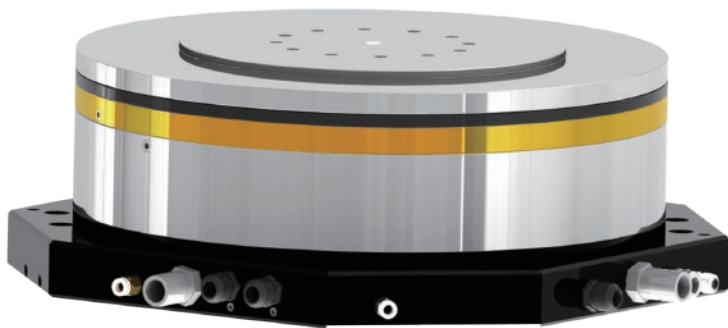
电机特性曲线图
Motor characteristic curve



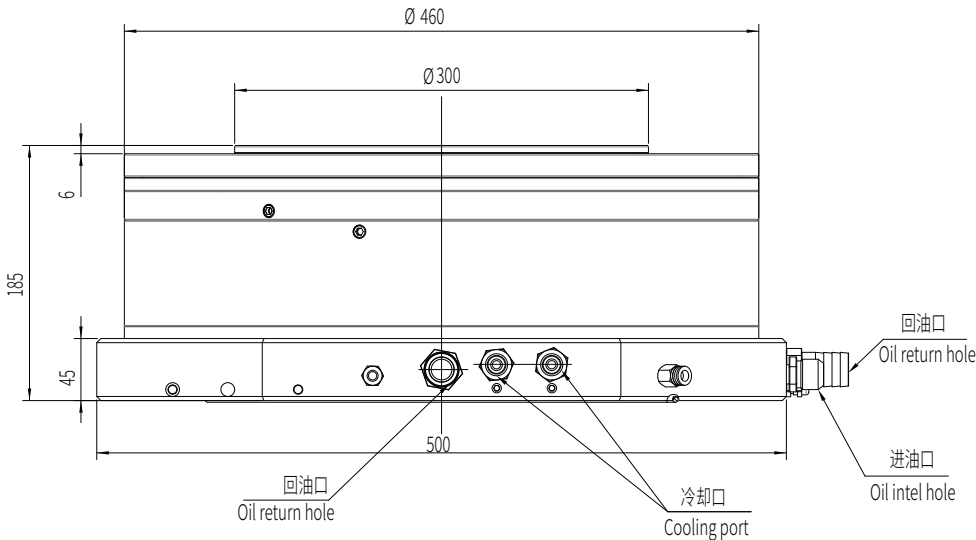
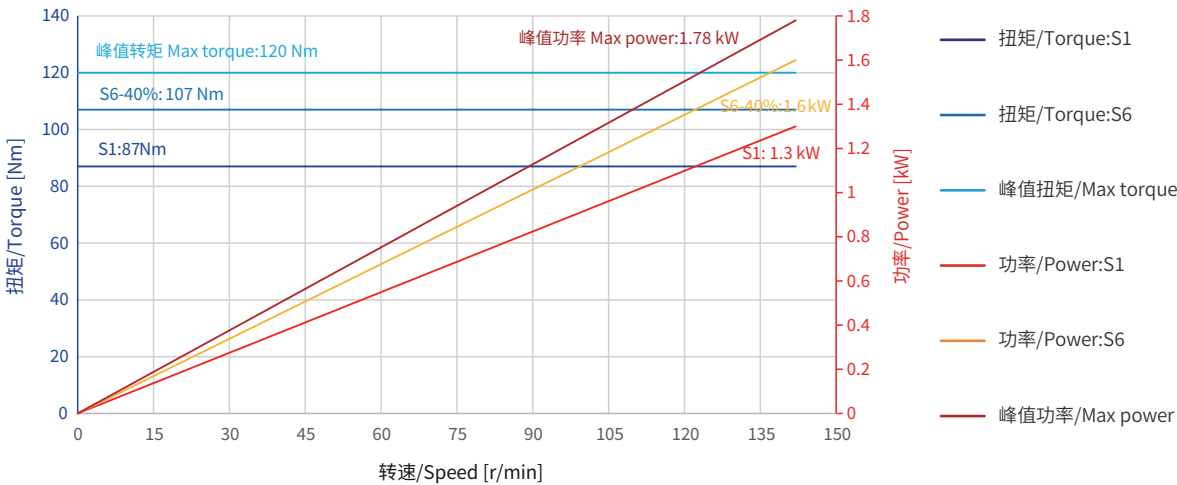
型号	DYFDM-170(100)30/22-XWS
中心高	145mm
润滑油牌号	ISO VG3
供油压力	3.0-4.0Mpa
轴向静刚度	≥350N/μm
轴端径向刚度	≥250N/μm
前端径向跳动	≤0.0001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	内置式电机驱动
旋转方向	顺时针
最高转速	3500rpm
最大频率	233.3Hz
电机类型	同步电机
额定电压	380V
输出功率S1 100%	22kW
输出扭矩S1 100%	140N.m
额定电流S1 100%	41A
电机冷却方式	油冷(推荐)
适用范围	用于外圆磨床
净重	395±1kg

Model	DYFDM-170(100)30/22-XWS
Height of center	145mm
Lubricating oil type	ISO VG3
Oil supply pressure	3.0-4.0Mpa
Axial static stiffness	≥350N/μm
Axial radial stiffness	≥250N/μm
Front end radial runout	≤0.0001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Built-in motor drive
Rotation movement	Clockwise
The highest speed	3500rpm
Max. Frequency	233.3Hz
Motor system	Synchronous motor
The rated voltage	380V
Power output S1 100%	22kW
Output torque S1 100%	140N.m
Rated current S1 100%	41A
Cooling system	Oil cooling (recommended)
Application area	Used for machine tool headstock
Net weight	395±1kg

液静压转台 Hydrostatic rotary table
DYFDM-300(320)0.6/0.75-WS



电机特性曲线图
Motor characteristic curve



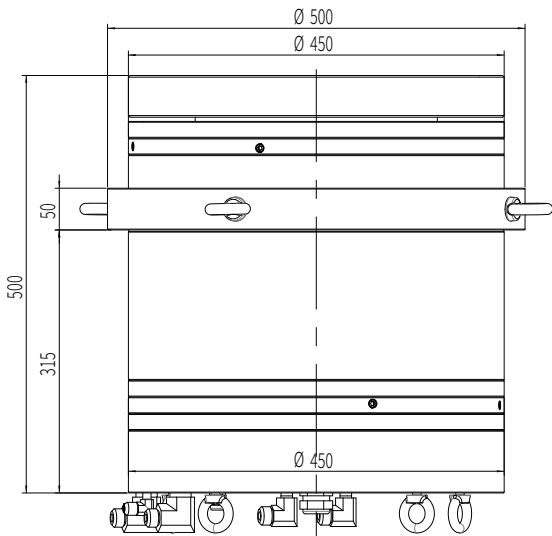
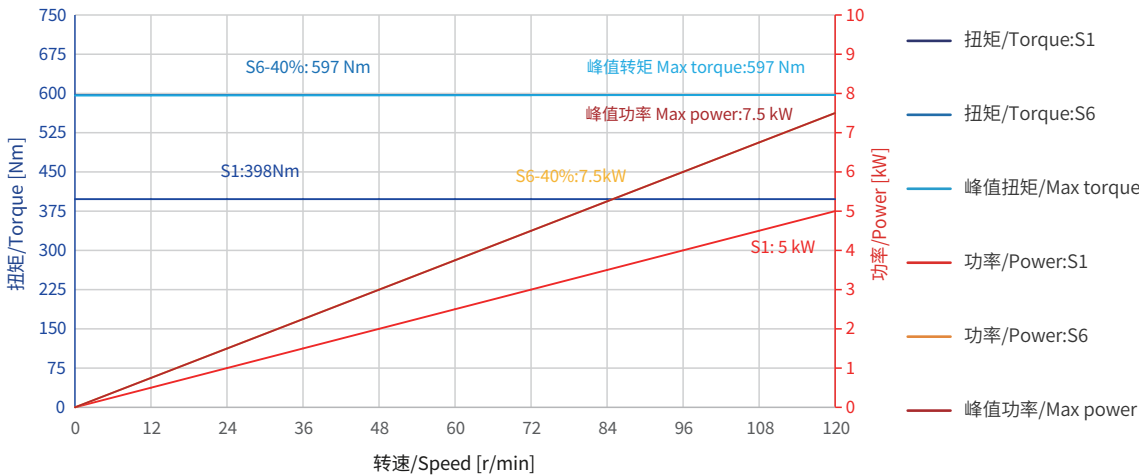
型号	DYFDM-300(320)0.6/0.75-WS
盘面直径	Φ300mm
主轴油牌号	ISO VG10
供油压力	2.0-3.0Mpa
轴向静刚度	≥2500N/μm
轴端径向刚度	≥400N/μm
前端径向跳动	≤0.001mm
端面跳动	≤0.001mm
回转精度	≤0.0001mm
驱动形式	内置式电机驱动
旋转方向	双向旋转
最高转速	60rpm
最大频率	52Hz
电机类型	同步电机
额定电压	380V
输出功率S1 100%	1.3kW
输出扭矩S1 100%	87N.m
额定电流S1 100%	4A
电机冷却方式	水冷(推荐)
适用范围	用于立式磨床B轴回转台
净重	227±10kg

Model	DYFDM-300(320)0.6/0.75-WS
Disc diameter	Φ300mm
Drive oil type	ISO VG10
Oil supply pressure	2.0-3.0Mpa
Axial static stiffness	≥2500N/μm
Axial radial stiffness	≥400N/μm
Front end radial runout	≤0.001mm
End face runout	≤0.001mm
Rotation accuracy	≤0.0003mm
Drive type	Built-in motor drive
Rotation movement	Two-way rotation
Maximum speed	60rpm
Max. Frequency	52Hz
Motor system	Synchronous motor
Rated voltage	380V
Power output S1 100%	1.3kW
Output torque S1 100%	87N.m
Rated current S1 100%	4A
Cooling system	Water cooling (Recommended)
Application area	Used for B axis rotary table of vertical grinding machine
Weight	227±10kg

液静压转台 Hydrostatic rotary table
DYFDM-450(290)01/5-WS



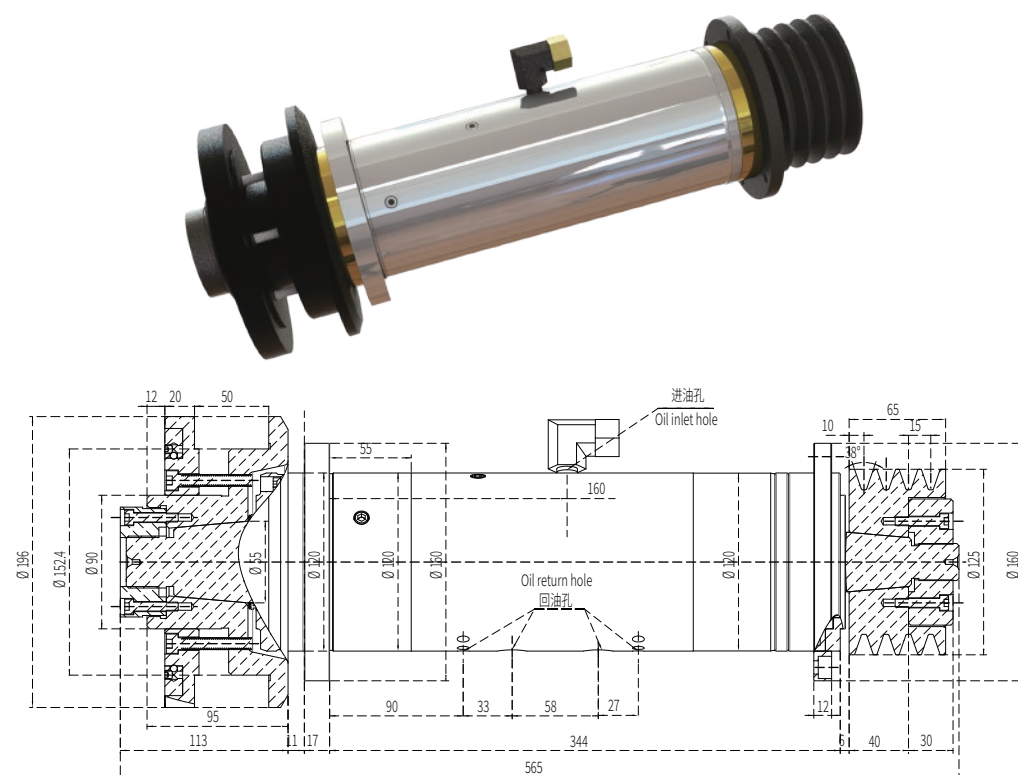
电机特性曲线图
Motor characteristic curve



型号	DYFDM-450(290)01/5-WS
盘面直径	Φ450mm
主轴油牌号	ISO VG10
供油压力	3.0Mpa
轴向静刚度	≥4000N/μm
前端径向跳动	≤0.001mm
端面跳动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	内置式电机驱动
旋转方向	双向旋转
最高转速	150rpm
最大频率	42Hz
电机类型	同步电机
额定电压	380V
输出功率S1 100%	5kW
输出扭矩S1 100%	398N.m
额定电流S1 100%	10.5A
电机冷却方式	水冷 (推荐)
适用范围	用于立式磨床B轴回转台
净重	553±20kg

Model	DYFDM-450(290)01/5-WS
Disc diameter	Φ450mm
Drive oil type	ISO VG10
Oil supply pressure	3.0Mpa
Axial static stiffness	≥4000N/μm
Front end radial runout	≤0.001mm
End face runout	≤0.001mm
Rotation accuracy	≤0.0003mm
Drive type	Built-in motor drive
Rotation precision	Two-way rotation
Maximum speed	150rpm
Max. Frequency	42Hz
Motor system	Synchronous motor
Rated voltage	380V
Power output S1 100%	5kW
Output torque S1 100%	398N.m
Rated current S1 100%	10.5A
Cooling system	Water cooling (Recommended)
Application area	Used for B axis rotary table of vertical grinding machine
Weight	553±20kg

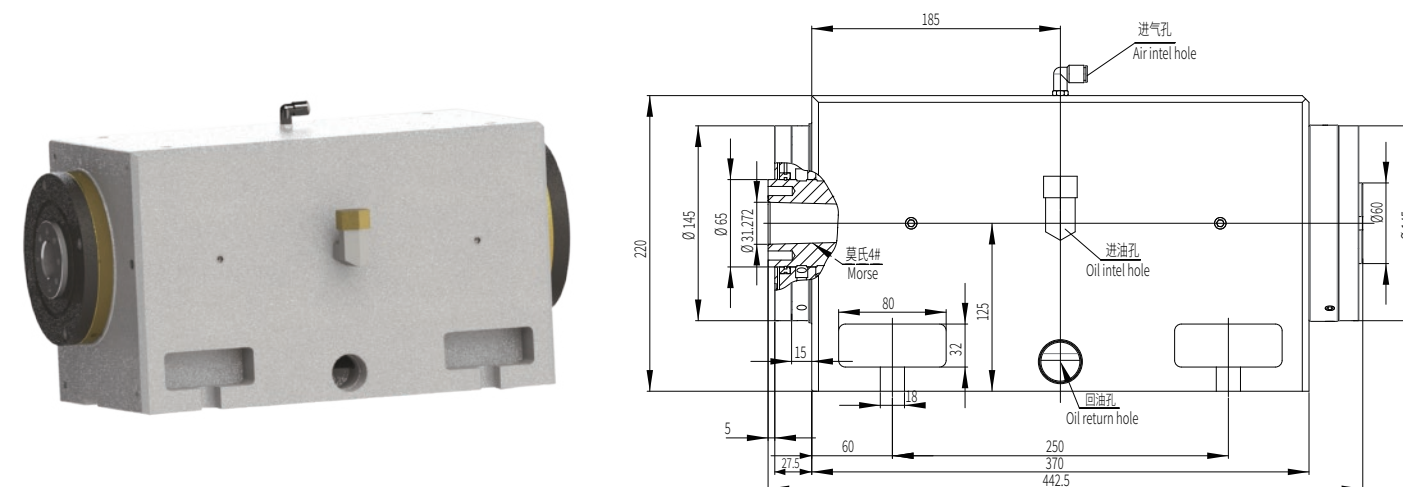
机械主轴 Mechanical spindle
DYFJM-120(065)28/5.5A2-F



安装外径	φ120mm
轴颈直径	φ65mm
主轴牌号	ISO VG3
供油压力	2.0-2.5Mpa
轴向静刚度	≥100N/μm
轴端径向刚度	≥800N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	皮带驱动
旋转方向	顺时针
额定转速	2200rpm
最高转速	2200rpm
适用范围	用于外圆磨床
净重	58±1kg

Installation outside diameter	φ120mm
Journal diameter	φ65mm
Drive oil type	ISO VG3
Oil supply pressure	2.0-2.5Mpa
Axial static stiffness	≥100N/μm
Axial radial stiffness	≥800N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Belt drive
Rotation movement	Clockwise
Rated speed	2200rpm
Maximum speed	2200rpm
Application area	Used for cylindrical grinding machine
Weight	58±1kg

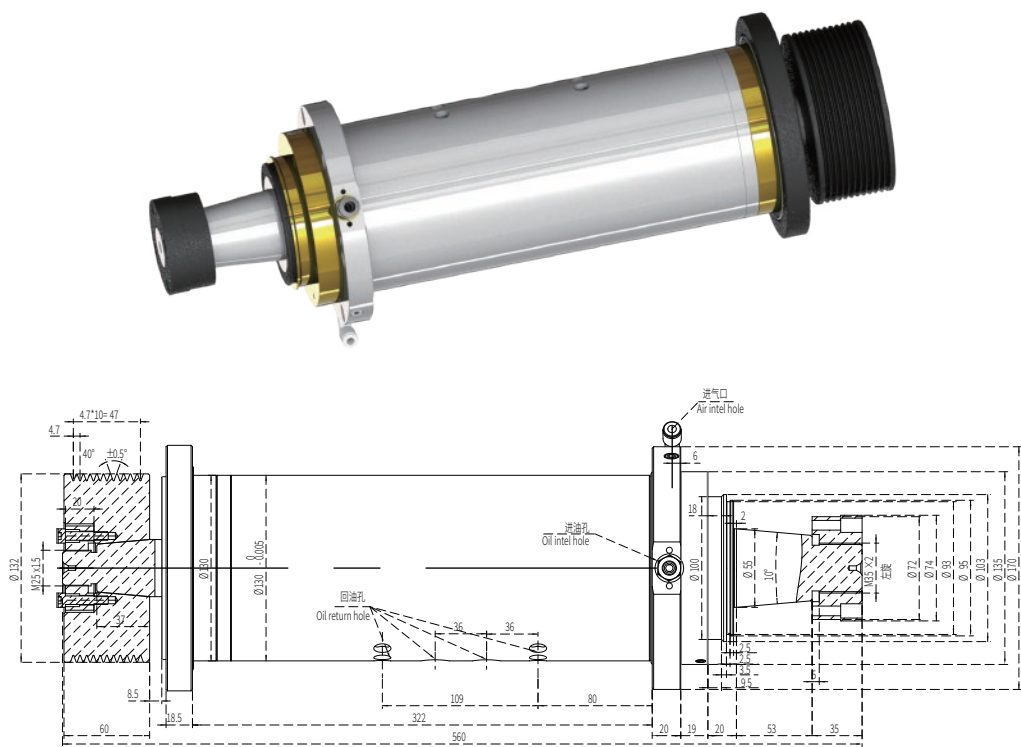
机械主轴 Mechanical spindle
DYFJM-125(065)15/5.5-X



安装外径	125mm
轴颈直径	φ65mm
主轴牌号	ISO VG5
供油压力	2.5-5.0Mpa
轴向静刚度	≥300N/μm
轴端径向刚度	≥250N/μm
前端径向跳动	≤0.0005mm
轴向窜动	≤0.0005mm
回转精度	≤0.0002mm
驱动形式	从动轴
旋转方向	双向旋转
额定转速	1300rpm
最高转速	1500rpm
适用范围	用于机床尾架
净重	125±5kg

Installation outside diameter	125mm
Journal diameter	φ65mm
Drive oil type	ISO VG5
Oil supply pressure	2.5-5.0Mpa
Axial static stiffness	≥300N/μm
Axial radial stiffness	≥250N/μm
Front end radial runout	≤0.0005mm
Axial end axial movement	≤0.0005mm
Rotation precision	≤0.0002mm
Drive type	Driven shaft
Rotation movement	Bidirectional rotation
Rated speed	1300rpm
Maximum speed	1500rpm
Application area	Used for machine tool tailstock
Weight	125±5kg

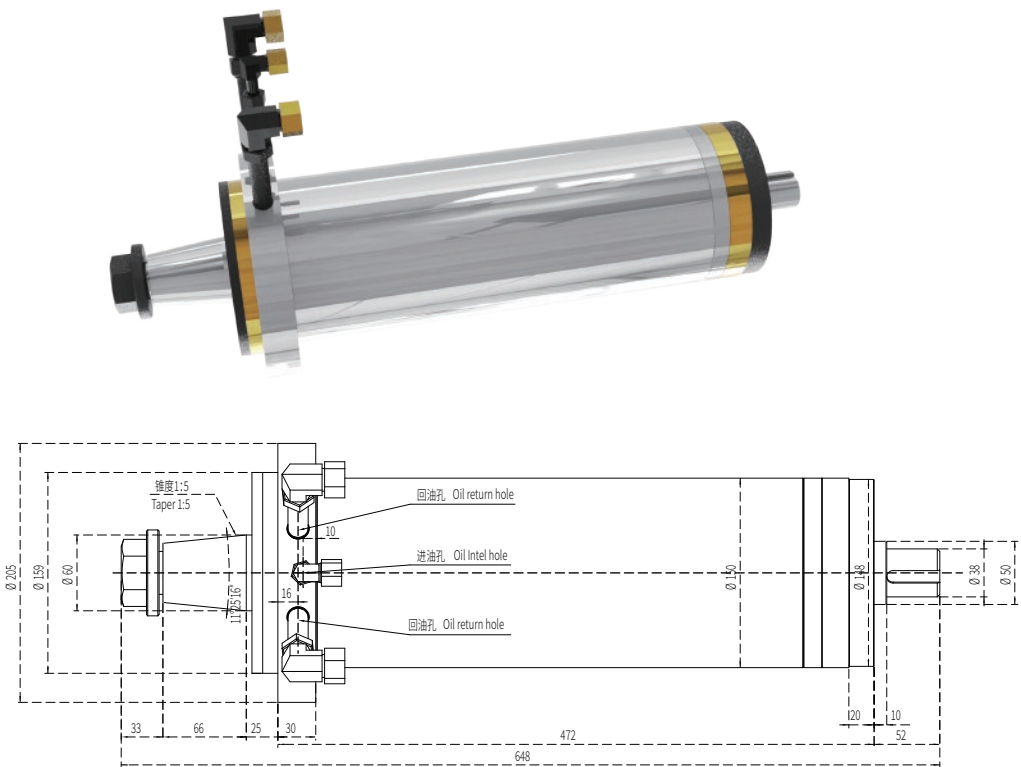
机械主轴 Mechanical spindle
DYFJM-130(075)40-YFM59 (6)



安装外径	φ130mm
轴颈直径	φ75mm
主轴牌号	ISO VG3
供油压力	2.0-4.0Mpa
轴向静刚度	≥150N/μm
轴端径向刚度	≥120N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	皮带驱动
旋转方向	顺时针
额定转速	3600rpm
最高转速	4000rpm
适用范围	用于外圆磨床
净重	50±2kg

Installation outside diameter	φ130mm
Journal diameter	φ75mm
Drive oil type	ISO VG3
Oil supply pressure	2.0-4.0Mpa
Axial static stiffness	≥150N/μm
Axial radial stiffness	≥120N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Belt drive
Rotation movement	Clockwise
Rated speed	3600rpm
Maximum speed	4000rpm
Application area	Used for cylindrical grinding machine
Weight	50±2kg

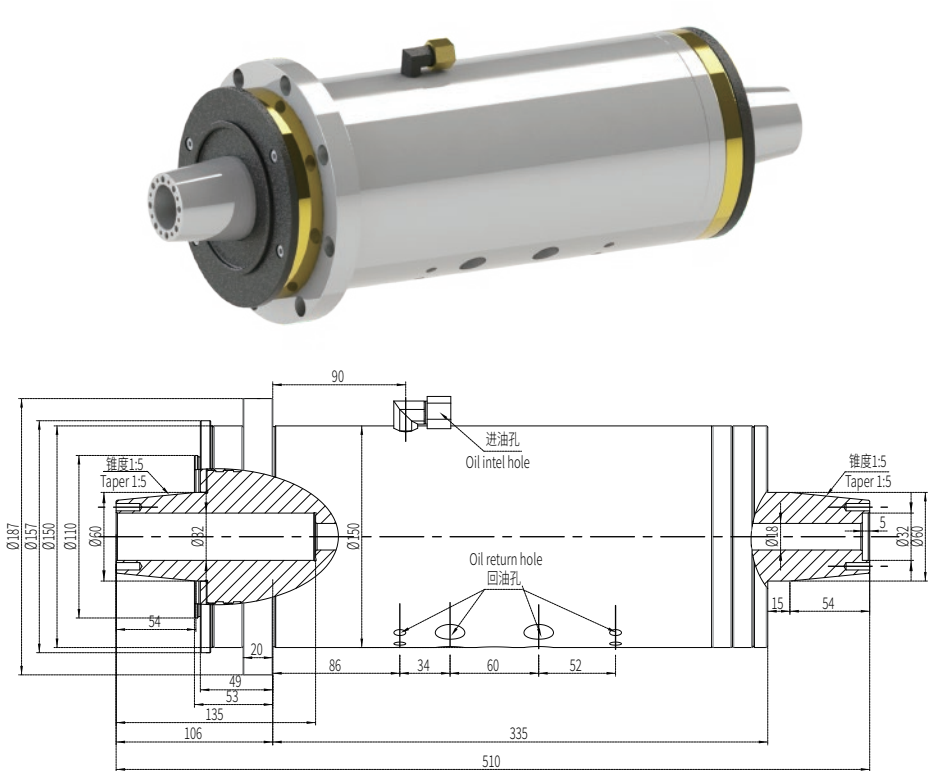
机械主轴 Mechanical spindle
DYFJM-150(090)20/7.5-F



安装外径	φ150mm
轴颈直径	φ90mm
主轴牌号	ISO VG3
供油压力	2.0-2.5Mpa
轴向静刚度	≥200N/μm
轴端径向刚度	≥200N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	皮带驱动
旋转方向	顺时针
额定转速	1800rpm
最高转速	2000rpm
适用范围	用于平面磨床
净重	63±3kg

Installation outside diameter	φ150mm
Journal diameter	φ90mm
Drive oil type	ISO VG3
Oil supply pressure	2.0-2.5Mpa
Axial static stiffness	≥200N/μm
Axial radial stiffness	≥200N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Belt drive
Rotation movement	Clockwise
Rated speed	1800rpm
Maximum speed	2000rpm
Application area	Used for cylindrical grinding machine
Weight	63±3kg

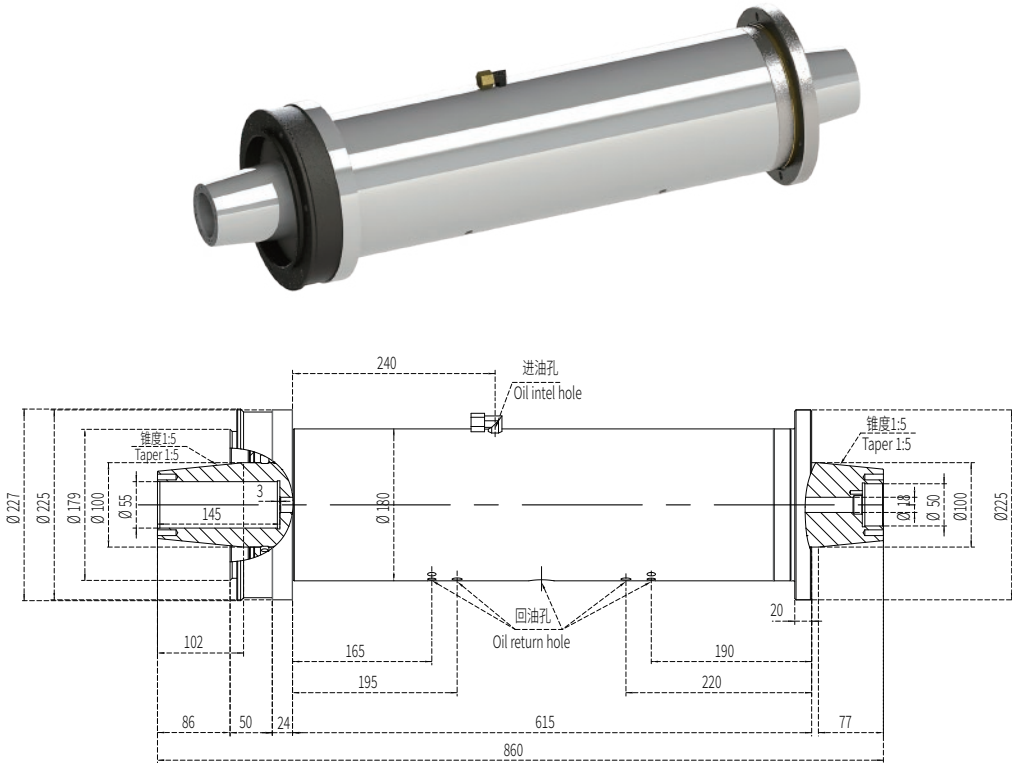
机械主轴 Mechanical spindle
DYFJM-150(090)43/7.5-F



安装外径	φ150mm
轴颈直径	φ90mm
主轴牌号	ISO VG2
供油压力	2.0-2.5Mpa
轴向静刚度	≥200N/μm
轴端径向刚度	≥180N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	皮带驱动
旋转方向	顺时针
额定转速	2800rpm
最高转速	4300rpm
适用范围	用于外圆磨床
净重	61±3kg

Installation outside diameter	φ150mm
Journal diameter	φ90mm
Drive oil type	ISO VG2
Oil supply pressure	2.0-2.5Mpa
Axial static stiffness	≥200N/μm
Axial radial stiffness	≥180N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Belt drive
Rotation movement	Clockwise
Rated speed	2800rpm
Maximum speed	4300rpm
Application area	Used for cylindrical grinding machine
Weight	61±3kg

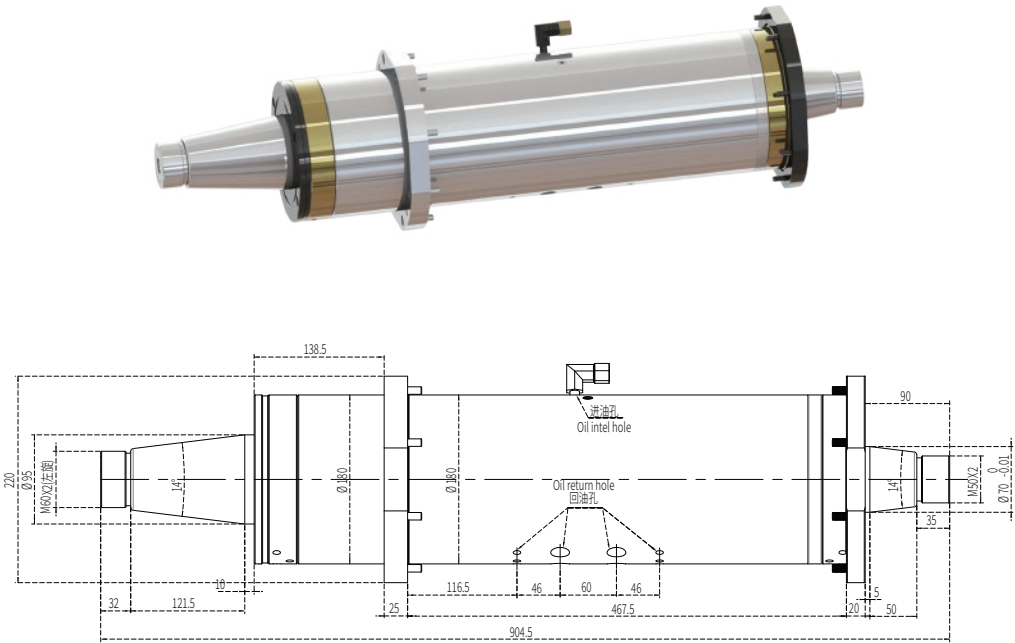
机械主轴 Mechanical spindle
DYFJM-180(100)20/15A2-F



安装外径	φ180mm
轴颈直径	φ100mm
主轴牌号	ISO VG3
供油压力	2.0-2.5Mpa
轴向静刚度	≥200N/μm
轴端径向刚度	≥200N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	皮带驱动
旋转方向	顺时针
额定转速	1900rpm
最高转速	2500rpm
适用范围	用于外圆磨床
净重	200±5kg

Installation outside diameter	φ180mm
Journal diameter	φ100mm
Drive oil type	ISO VG3
Oil supply pressure	2.0-2.5Mpa
Axial static stiffness	≥200N/μm
Axial radial stiffness	≥200N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Belt drive
Rotation movement	Clockwise
Rated speed	1900rpm
Maximum speed	2500rpm
Application area	Used for cylindrical grinding machine
Weight	200±5kg

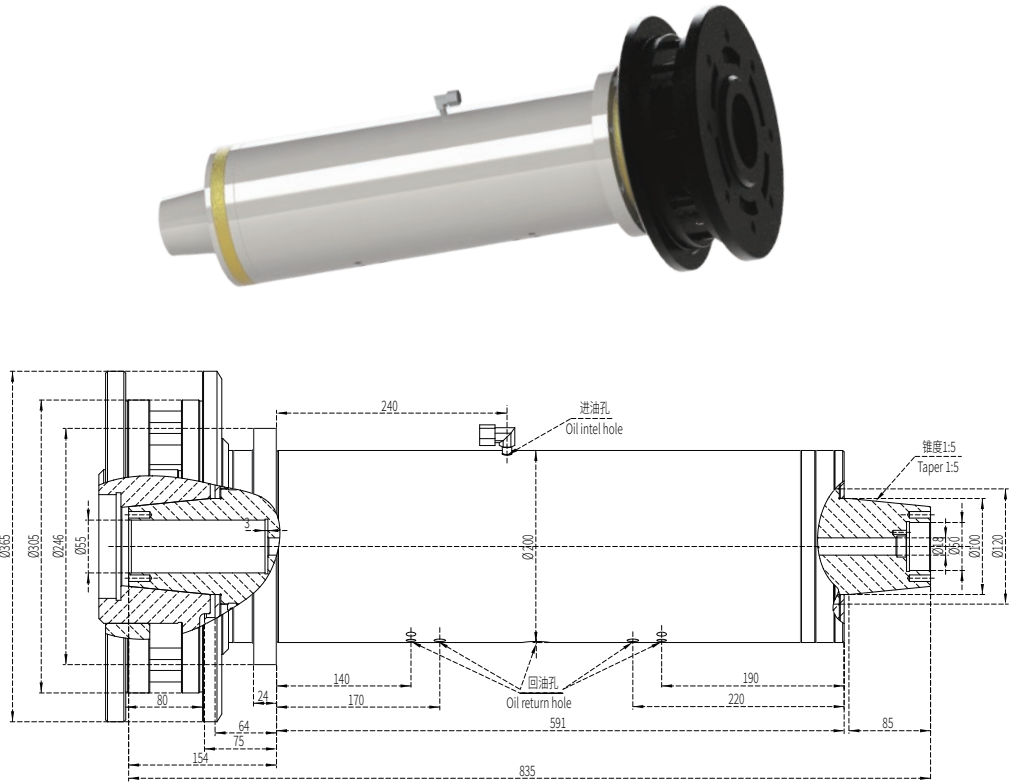
机械主轴 Mechanical spindle
DYFJM-180(110)20/11A2-F



安装外径	φ180mm
轴颈直径	φ110mm
主轴牌号	ISO VG3
供油压力	2.5-3.5Mpa
轴向静刚度	≥200N/μm
轴端径向刚度	≥300N/μm
前端径向跳动	≤0.0005mm
轴向窜动	≤0.0005mm
回转精度	≤0.0003mm
驱动形式	皮带驱动
旋转方向	顺时针
额定转速	1800rpm
最高转速	2000rpm
适用范围	用于无心磨床
净重	143±5kg

Installation outside diameter	φ180mm
Journal diameter	φ110mm
Drive oil type	ISO VG3
Oil supply pressure	2.5-3.5Mpa
Axial static stiffness	≥200N/μm
Axial radial stiffness	≥300N/μm
Front end radial runout	≤0.0005mm
Axial end axial movement	≤0.0005mm
Rotation precision	≤0.0003mm
Drive type	Belt drive
Rotation movement	Clockwise
Rated speed	1800rpm
Maximum speed	2000rpm
Application area	Used for cylindrical grinding machine
Weight	143±5kg

机械主轴 Mechanical spindle
DYFJM-200(120)29/15-F



安装外径	φ200mm
轴颈直径	φ120mm
主轴牌号	ISO VG2
供油压力	2.0-2.5Mpa
轴向静刚度	≥300N/μm
轴端径向刚度	≥280N/μm
前端径向跳动	≤0.001mm
轴向窜动	≤0.001mm
回转精度	≤0.0003mm
驱动形式	皮带驱动
旋转方向	顺时针
额定转速	1900rpm
最高转速	2900rpm
适用范围	用于外圆磨床
净重	220±5kg

Installation outside diameter	φ200mm
Journal diameter	φ120mm
Drive oil type	ISO VG2
Oil supply pressure	2.0-2.5Mpa
Axial static stiffness	≥300N/μm
Axial radial stiffness	≥280N/μm
Front end radial runout	≤0.001mm
Axial end axial movement	≤0.001mm
Rotation precision	≤0.0003mm
Drive type	Belt drive
Rotation movement	Clockwise
Rated speed	1900rpm
Maximum speed	2900rpm
Application area	Used for cylindrical grinding machine
Weight	220±5kg

磨削主轴系列 >>>

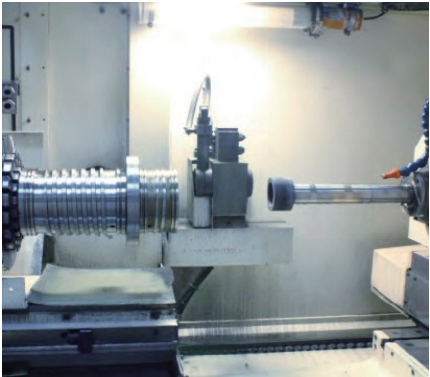
Ball Bearing Grinding Spindles

主要应用于内圆磨的高精磨削加工和外圆磨的强力磨削加工。
Mainly applied to high-precision grinding processes for internal grinding and powerful grinding processes for external grinding.

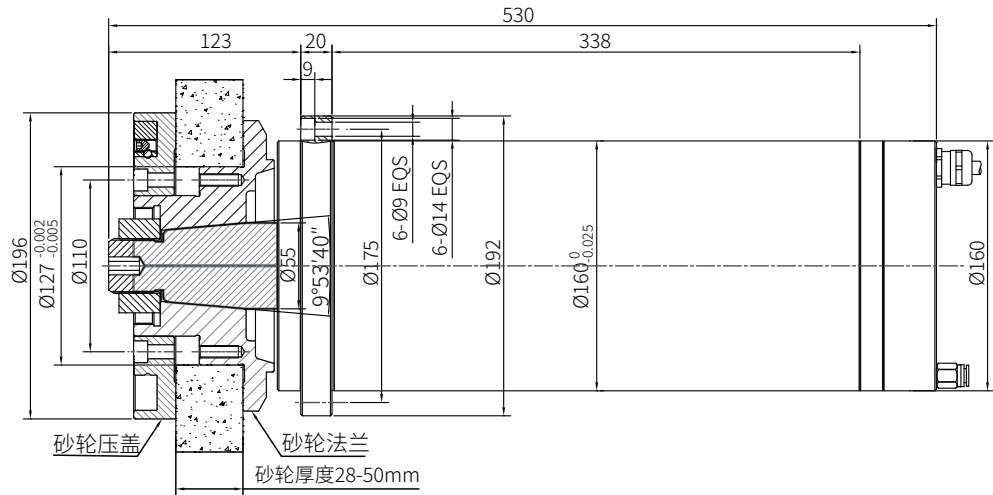
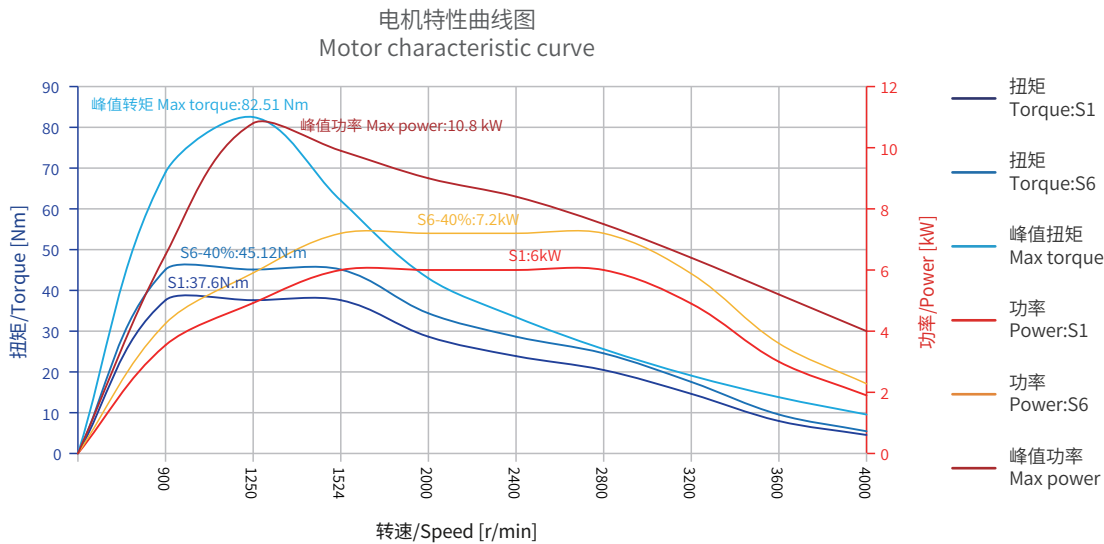


主要性能特点 Main Features

高精度 磨削主轴的轴端内孔全跳动$\leq 1\mu\text{m}$，主轴振动$\leq 0.8\text{mm/s}$，具有无与伦比的高精度的特性。	High precision With hole total run-out of the shaft end less than $1\mu\text{m}$, the vibration less than 0.8 mm/s, the spindle has the unique characteristic of high precision.
高转速 超高转速和动刚性，为磨床高速高精加工提供强大支持。	High speed With high speed and dynamic rigidity, it provides powerful support for high speed and high precision processing of grinding machine.
高配置 磨削主轴配备温度、震动传感器（可选），最优化的轴系设计与轴承配置，主轴高刚性、大承载。	Complete configuration The grinding spindle is equipped with temperature and vibration sensors (optional), optimized shafting design and bearing configuration, and the spindle has high rigidity and large load.
兼容性强,拓展性好 磨削主轴具有良好的兼容性，并已成功应用于多家国际知名品牌的磨床上。	High Compatibility and expansibility Grinding spindle has good compatibility which can successfully work with many international famous brands of grinding machine.
个性化定制 磨削主轴可广泛运用于各类金属、非金属磨削加工的磨床，还可根据客户特殊需求进行定制。	Customization Grinding spindle can be widely used in all kinds of grinding machines for metal and nonmetallic, can also be customized according to customer's special demand.



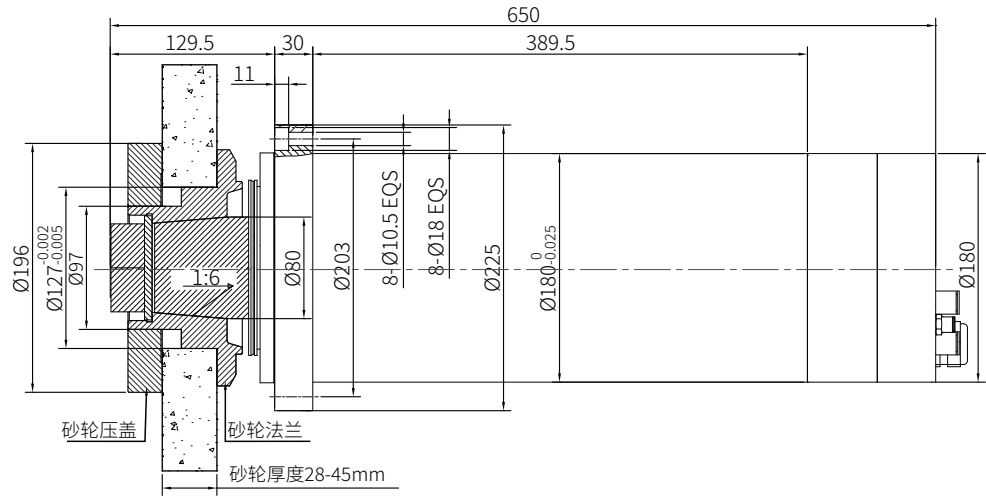
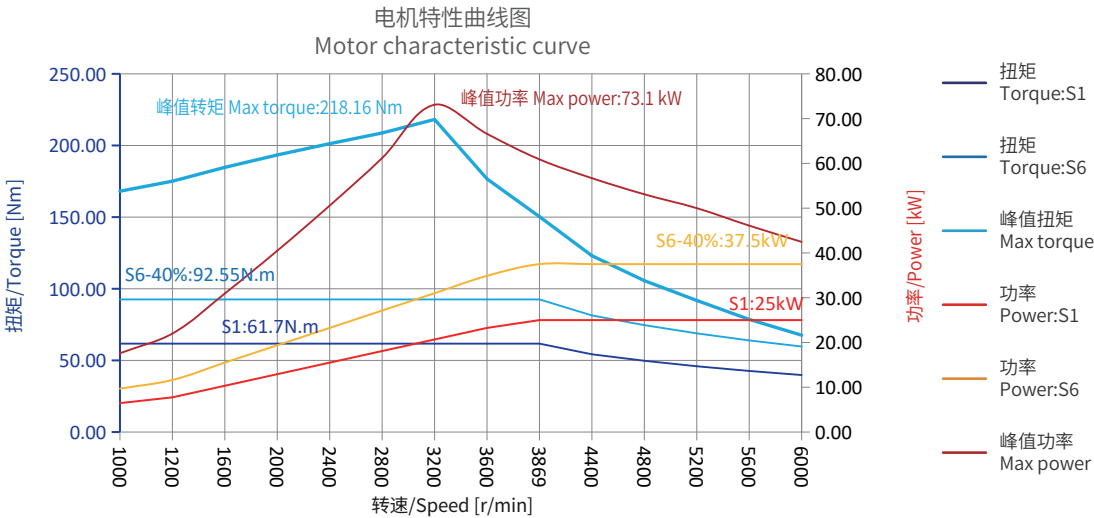
外圆磨 External Grinding
DGZM-1604/6-FWS



型号	DGZM-1604/6-FWS
主轴直径	Φ160mm
最高转速	4,000rpm
最大频率	134Hz
额定转速	1,600rpm
额定频率	54Hz
额定电压	380V
额定电流	12.5A
额定功率	6.0kW
额定扭矩	37.6N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	≥2.5L/min (水压0.25MPa)
电机温度传感器类型	KTY或PTC(选配)
振动速度	≤0.6mm/s
重量	59±2kg
刀具接口	外锥9°53'40"

Model	DGZM-1604/6-FWS
Diameter	Φ160mm
Maximum speed	4,000rpm
Maximum frequency	134Hz
Rated speed	1,600rpm
Rated frequency	54Hz
Rated voltage	380V
Rated current	12.5A
Rated power	6.0kW
Rated torque	37.6N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	≥2.5L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	KTY or PTC(optional)
Vibration velocity	≤0.6mm/s
Weight	59±2kg
Tool interface	Outer cone 9°53'40"

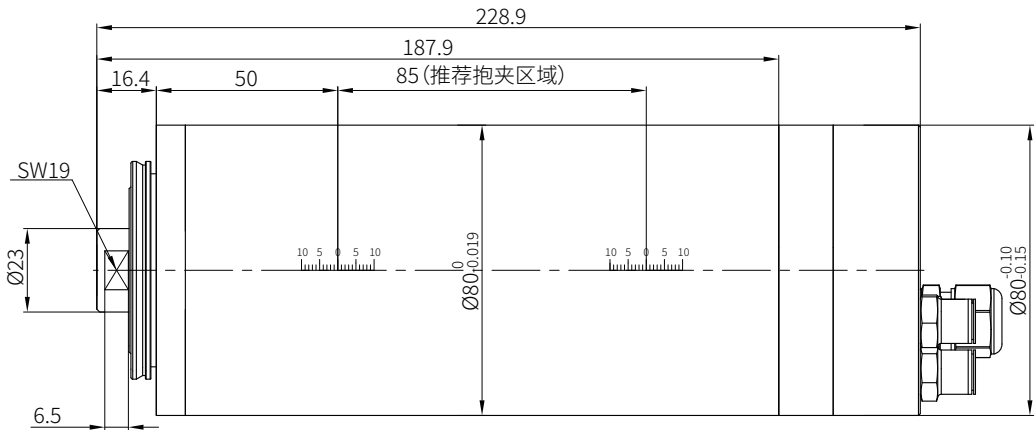
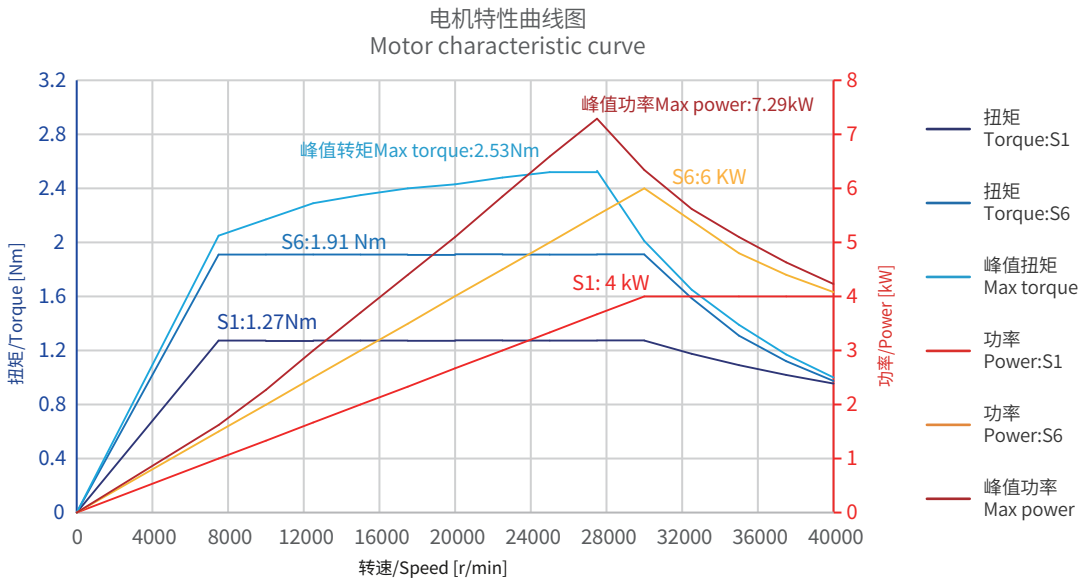
外圆磨 External Grinding
DGZM-18006/25-FWS



型号	DGZM-18006/25-FWS
主轴直径	Φ180mm
最高转速	6,000rpm
最大频率	260Hz
额定转速	4,000rpm
额定频率	200Hz
额定电压	380V
额定电流	50A
额定功率	25kW
额定扭矩	61.7N.m
电机类型	异步感应
轴承类型	钢珠球轴承
冷却方式	水冷
冷却流量	6-8L/min (水压0.25MPa)
电机温度传感器类型	PTC
振动速度	≤0.8mm/s
重量	94±2kg
刀具接口	外锥1:6

Model	DGZM-18006/25-FWS
Diameter	Φ180mm
Maximum speed	6,000rpm
Maximum frequency	260Hz
Rated speed	4,000rpm
Rated frequency	200Hz
Rated voltage	380V
Rated current	50A
Rated power	25kW
Rated torque	61.7N.m
Motor type	Asynchronous motor
Bearing type	Steel ball bearing
Cooling method	Water cooling
Cooling flow rate	6-8L/min (Hydraulic pressure 0.25MPa)
Motor temperature sensor type	PTC
Vibration velocity	≤0.8mm/s
Weight	94±2kg
Tool interface	Outer cone 1:6

内圆磨 Internal Grinding
DGZM-08040/4.0-M14



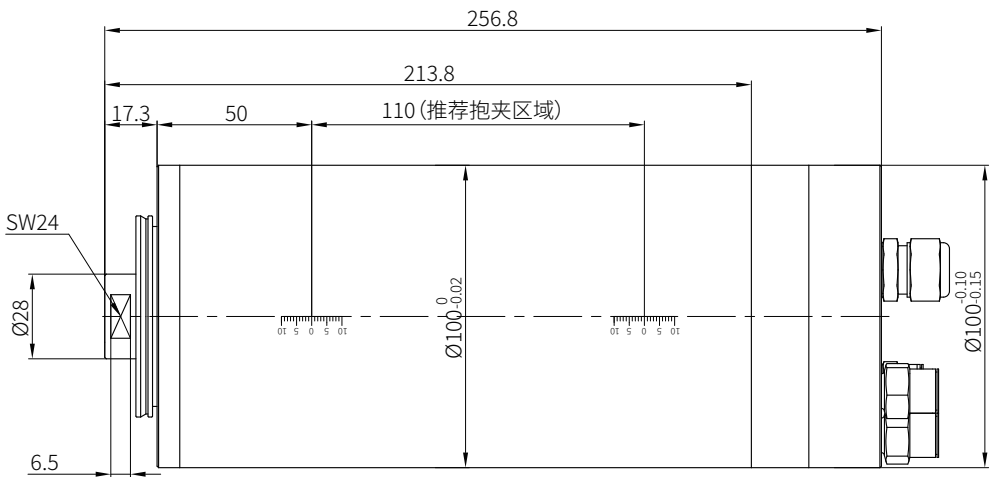
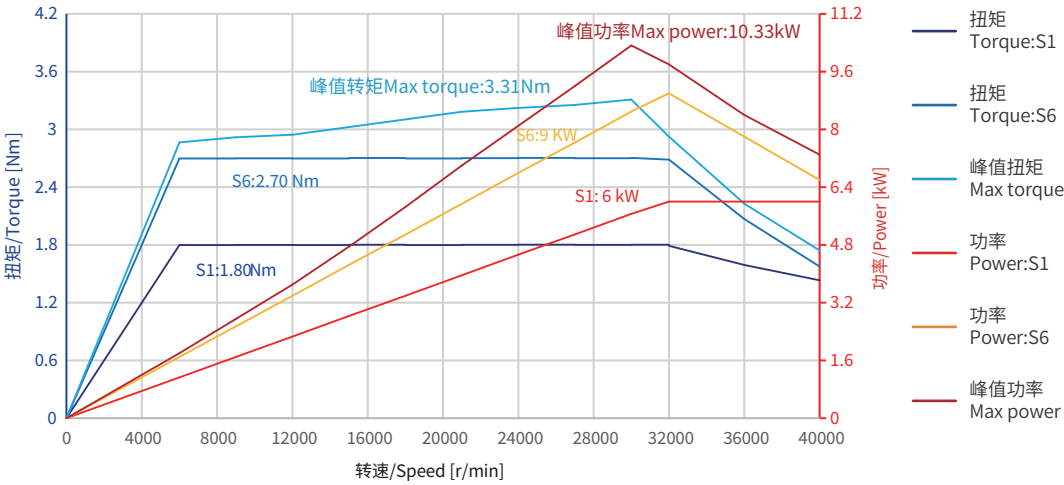
型号	DGZM-08040/4.0-DWS
主轴直径	Φ80mm
最高转速	40,000rpm
最大频率	1,334Hz
额定转速	1000rpm
额定频率	100Hz
额定电压	380V
额定电流	8.2A
额定功率	4.0kW
额定扭矩	1.29N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷(推荐)
冷却流量	2-3L/min (水压0.25MPa)
电机温度传感器类型	KTY
振动速度	0.8mm/s
重量	7±0.5kg
刀具接口	直孔+螺纹Φ15-M14×1.5

Model	DGZM-08040/4.0-DWS
Diameter	Φ80mm
Maximum speed	40,000rpm
Maximum frequency	1,334Hz
Rated speed	1000rpm
Rated frequency	100Hz
Rated voltage	380V
Rated current	8.2A
Rated power	4.0kW
Rated torque	1.29N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling (recommended)
Cooling flow rate	2-3L/min (Hydraulic pressure 0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	0.8mm/s
Weight	7±0.5kg
Tool interface	Straight hole and Screw thread Φ15-M14×1.5

内圆磨 Internal Grinding
DGZM-10040/6.0C-DWS



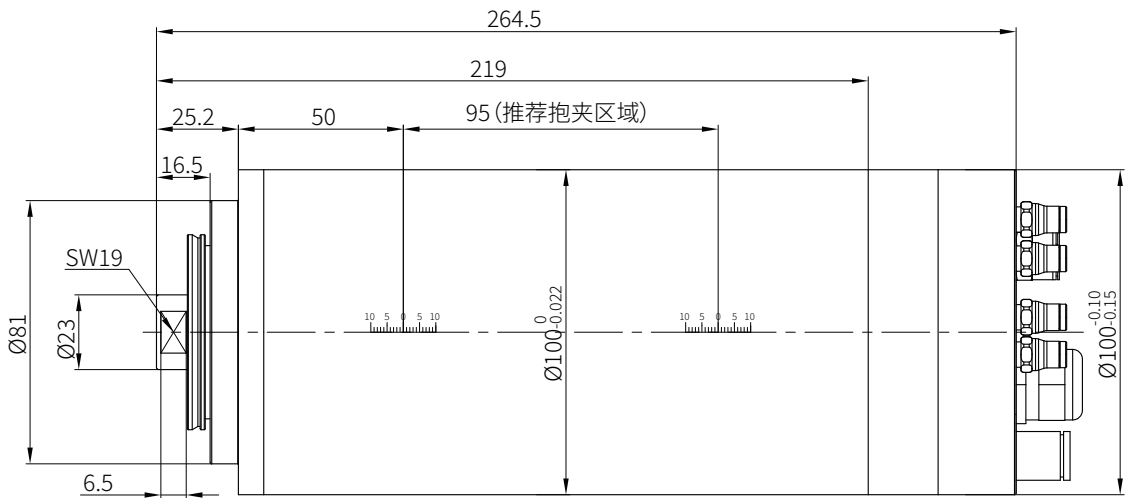
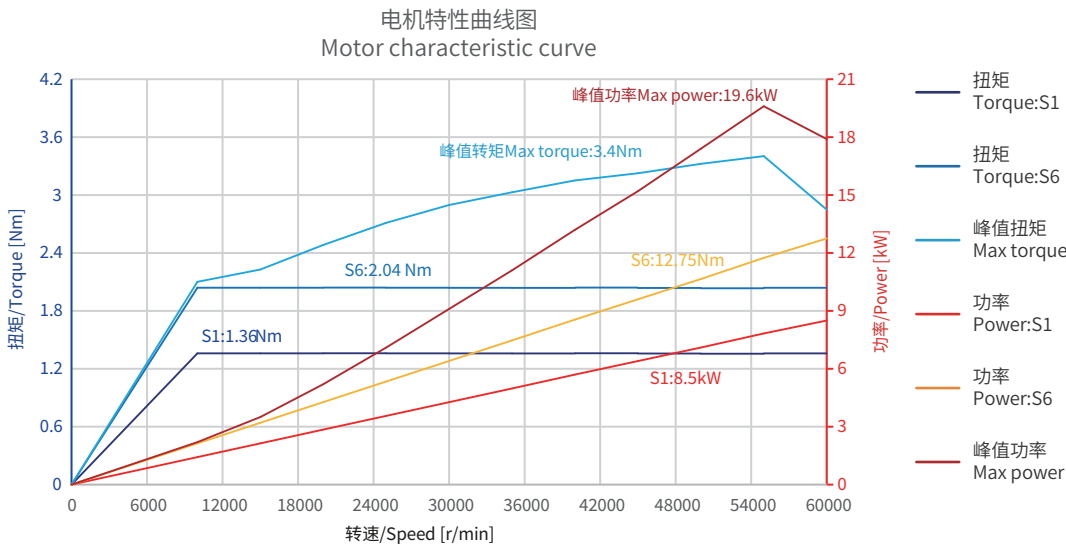
电机特性曲线图
Motor characteristic curve



型号	DGZM-10040/6.0C-DWS
主轴直径	Φ100mm
最高转速	40,000rpm
最大频率	1,334Hz
额定转速	32,000rpm
额定频率	1,067Hz
额定电压	380V
额定电流	12.6A
额定功率	6.0kW
额定扭矩	1.8N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷(推荐)
冷却流量	4-5L/min(水压0.25MPa)
电机温度传感器类型	KTY
振动速度	0.8mm/s
重量	12±0.5kg
刀具接口	直孔+螺纹Φ17-M16×1.5

Model	DGZM-10040/6.0C-DWS
Diameter	Φ100mm
Maximum speed	40,000rpm
Maximum frequency	1,334Hz
Rated speed	32,000rpm
Rated frequency	1,067Hz
Rated voltage	380V
Rated current	12.6A
Rated power	6.0kW
Rated torque	1.8N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling (recommended)
Cooling flow rate	4-5L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	0.8mm/s
Weight	12±0.5kg
Tool interface	Straight hole and Screw thread Φ17-M16×1.5

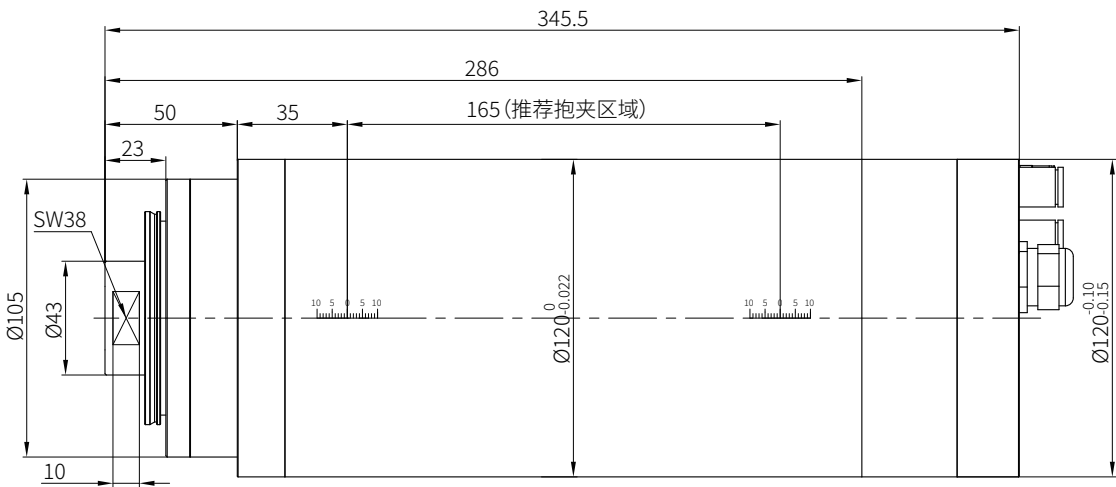
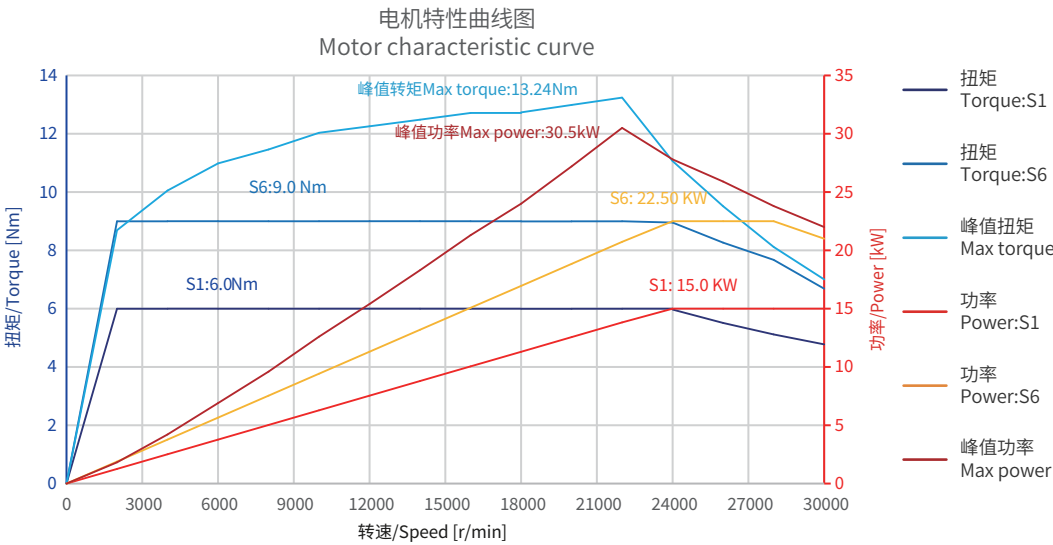
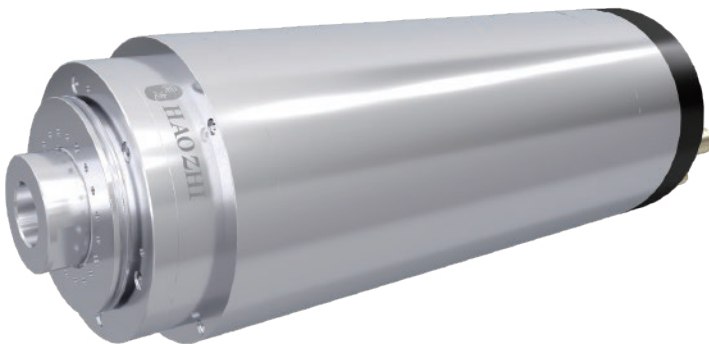
内圆磨 Internal Grinding
DGZM-10060/8.5-DWQS



型号	DGZM-10060/8.5-DWQS
主轴直径	Φ100mm
最高转速	60,000rpm
最大频率	1,000Hz
额定转速	60,000rpm
额定频率	1,000Hz
额定电压	380V
额定电流	15.5A
额定功率	8.5kW
额定扭矩	1.36N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷(推荐)
冷却流量	4-5L/min(水压0.25MPa)
电机温度传感器类型	KTY
振动速度	0.8mm/s
重量	12±0.5kg
刀具接口	直孔+螺纹Φ15-M14×1.5

Model	DGZM-10060/8.5-DWQS
Diameter	Φ100mm
Maximum speed	60,000rpm
Maximum frequency	1,000Hz
Rated speed	60,000rpm
Rated frequency	1,000Hz
Rated voltage	380V
Rated current	15.5A
Rated power	8.5kW
Rated torque	1.36N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling (recommended)
Cooling flow rate	4-5L/min (Hydraulic pressure 0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	0.8mm/s
Weight	12±0.5kg
Tool interface	Straight hole and Screw thread Φ15-M14×1.5

内圆磨 Internal Grinding
DGZM-12030/15-DWS



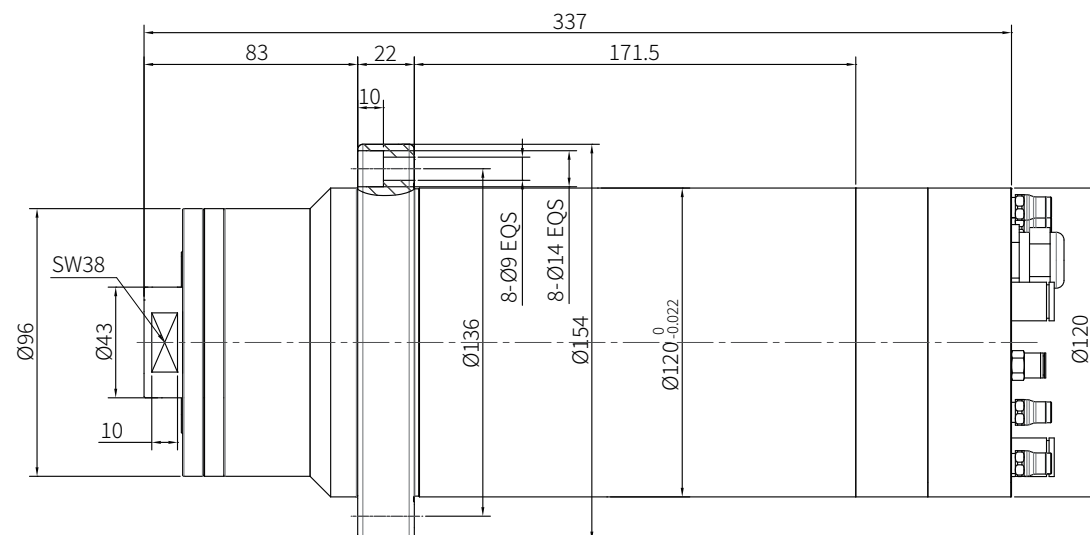
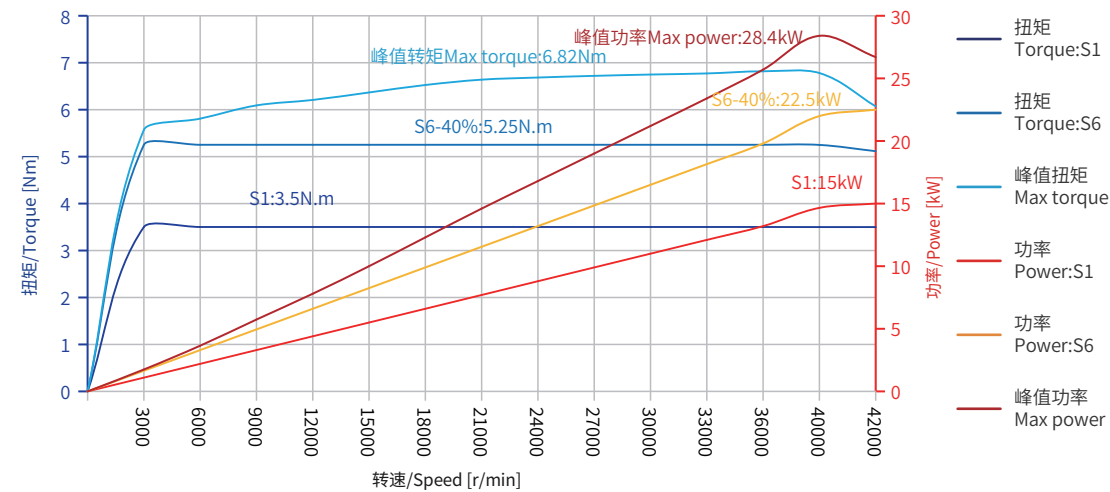
型号	DGZM-12030/15-DWS
主轴直径	Φ120mm
最高转速	30,000rpm
最大频率	1000Hz
额定转速	24,000rpm
额定频率	800Hz
额定电压	380V
额定电流	28A
额定功率	15.0kW
额定扭矩	6.0N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	4-6L/min (水压0.25MPa)
电机温度传感器类型	KTY
振动速度	0.8mm/s
重量	23±0.5kg
刀具接口	直孔+螺纹Φ23-M22×1.5

Model	DGZM-12030/15-DWS
Diameter	Φ120mm
Maximum speed	30,000rpm
Maximum frequency	1000Hz
Rated speed	24,000rpm
Rated frequency	800Hz
Rated voltage	380V
Rated current	28A
Rated power	15.0kW
Rated torque	6.0N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	4-6L/min (Hydraulic pressure 0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	0.8mm/s
Weight	23±0.5kg
Tool interface	Straight hole and Screw thread Φ23-M22×1.5

内圆磨 Internal Grinding
DGZM-12042/15-DFWQS



电机特性曲线图
Motor characteristic curve



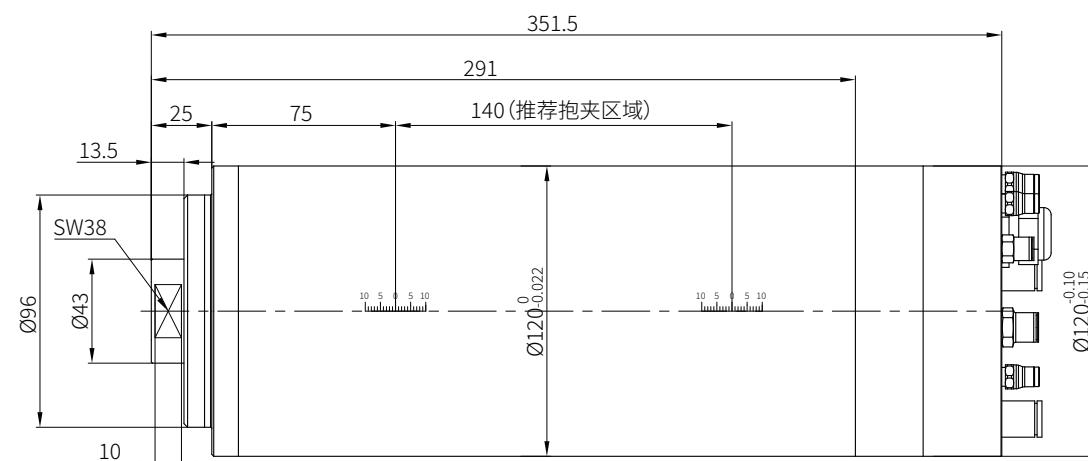
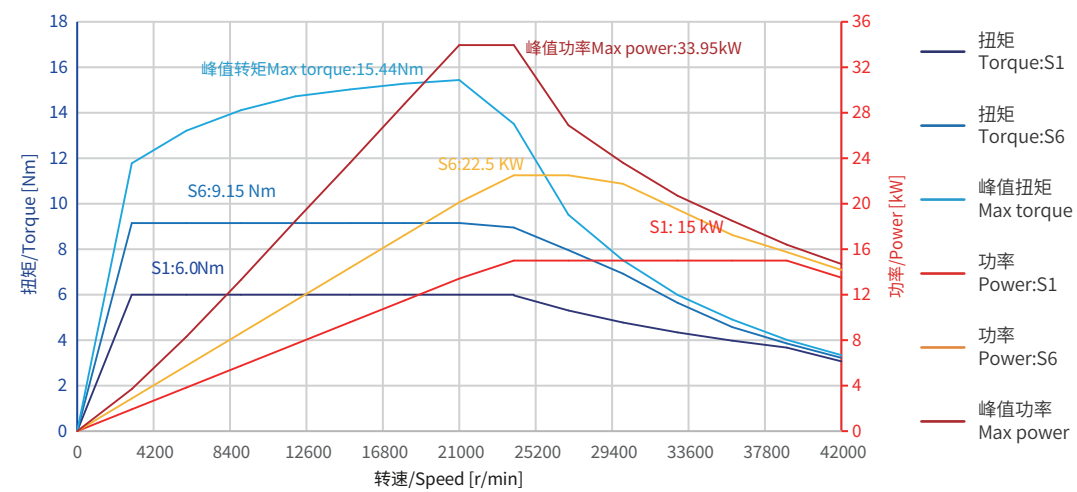
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主轴直径	Φ120mm
最高转速	42,000rpm
最大频率	1,400Hz
额定转速	42,000rpm
额定频率	1,400Hz
额定电压	380V
额定电流	31A
额定功率	15kW
额定扭矩	3.5N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	4-6L/min (水压0.25MPa)
电机温度传感器类型	KTY
振动速度	≤0.8mm/s
重量	24±1kg
刀具接口	直孔+螺纹Φ23-M22x1.5

Model	DGZM-12042/15-DFWQS
Diameter	Φ120mm
Maximum speed	42,000rpm
Maximum frequency	1,400Hz
Rated speed	42,000rpm
Rated frequency	1,400Hz
Rated voltage	380V
Rated current	31A
Rated power	15kW
Rated torque	3.5N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	4-6L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	≤0.8mm/s
Weight	24±1kg
Tool interface	Straight hole and Screw threadΦ23-M22x1.5

内圆磨 Internal Grinding
DGZM-12042/15A-DWQS



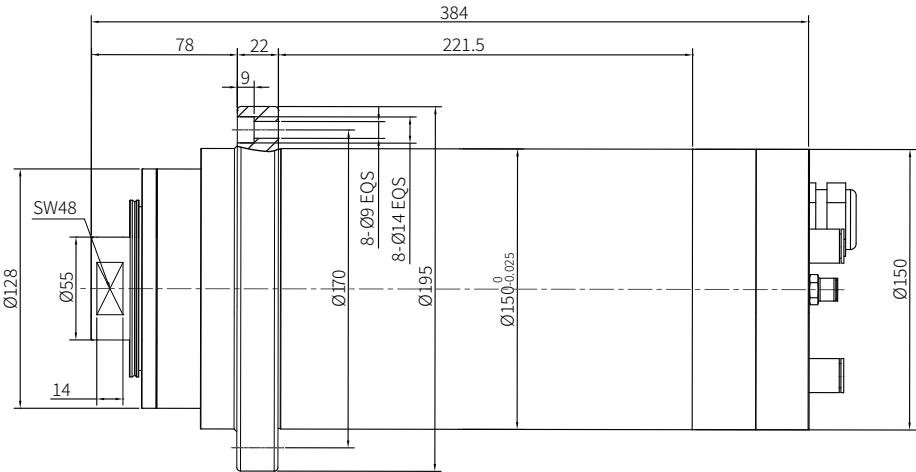
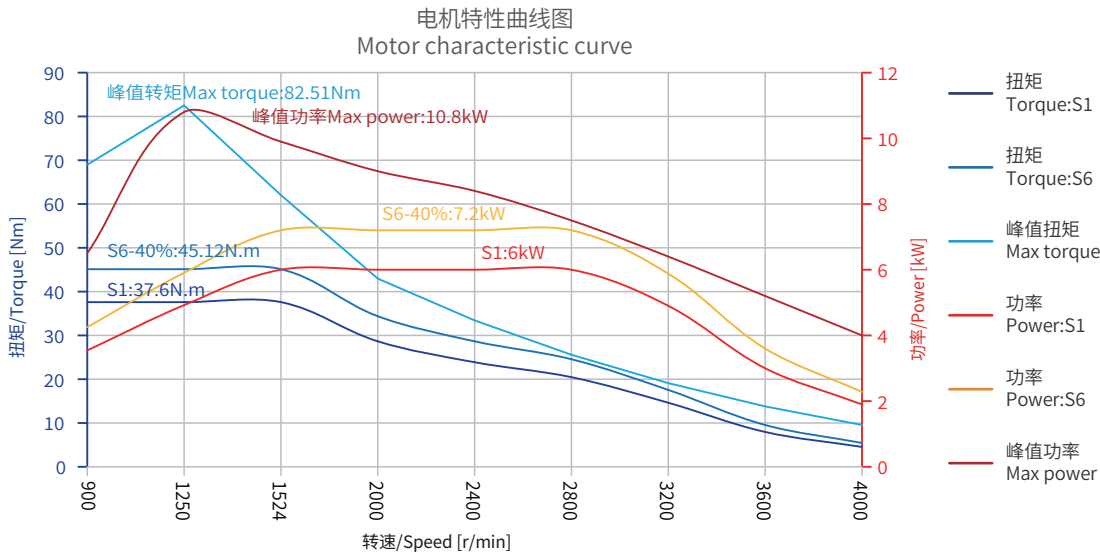
电机特性曲线图
Motor characteristic curve



型号	DGZM-12042/15A-DWQS
主轴直径	Φ120mm
最高转速	42,000rpm
最大频率	1,400Hz
额定转速	24,000rpm
额定频率	800Hz
额定电压	380V
额定电流	30.8A
额定功率	15.0kW
额定扭矩	6.0N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	4-6L/min (水压0.25MPa)
电机温度传感器类型	KTY
振动速度	0.8mm/s
重量	24±0.5kg
刀具接口	直孔+螺纹Φ23-M22×1.5

Model	DGZM-12042/15A-DWQS
Diameter	Φ120mm
Maximum speed	42,000rpm
Maximum frequency	1,400Hz
Rated speed	24,000rpm
Rated frequency	800Hz
Rated voltage	380V
Rated current	30.8A
Rated power	15.0kW
Rated torque	6.0N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	4-6L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	0.8mm/s
Weight	24±0.5kg
Tool interface	Straight hole and Screw thread Φ23-M22×1.5

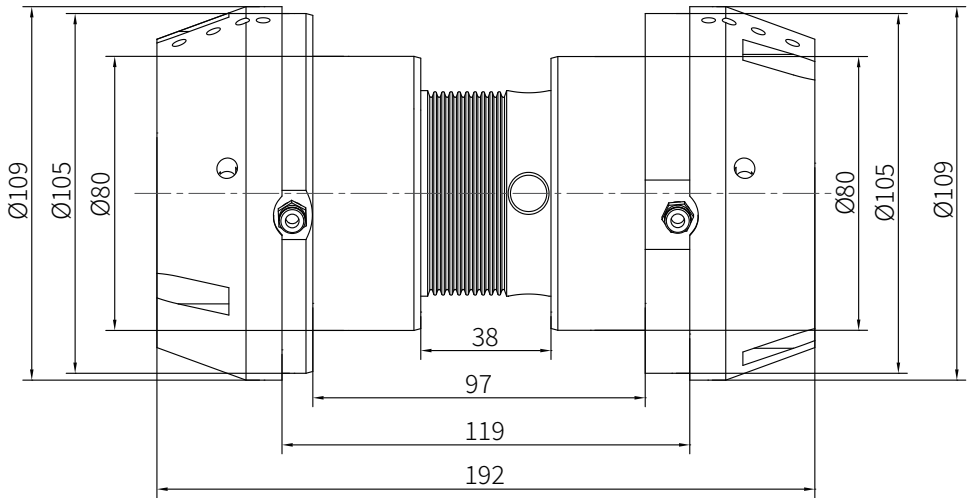
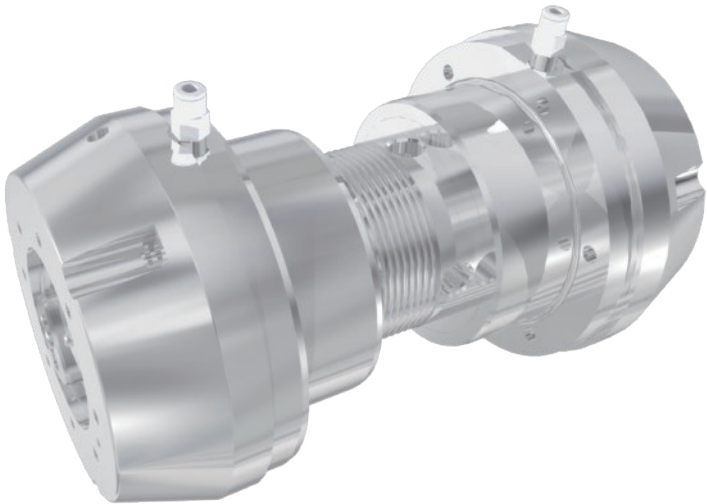
内圆磨 Internal Grinding
DGZM-15024/22-DFWS



型号	DGZM-15024/22-DFWS
主轴直径	Φ150mm
最高转速	24,000rpm
最大频率	800Hz
额定转速	12,000rpm
额定频率	400Hz
额定电压	380V
额定电流	41A
额定功率	22kW
额定扭矩	17.7m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	6-8L/min (水压0.25MPa)
电机温度传感器类型	KTY
振动速度	≤0.8mm/s
重量	42±1kg
刀具接口	直孔+螺纹Φ28-M27x2

Model	DGZM-15024/22-DFWS
Diameter	Φ150mm
Maximum speed	24,000rpm
Maximum frequency	800Hz
Rated speed	12,000rpm
Rated frequency	400Hz
Rated voltage	380V
Rated current	41A
Rated power	22kW
Rated torque	17.7N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	6-8L/min (Hydraulic pressure 0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	≤0.8mm/s
Weight	42±1kg
Tool interface	Straight hole and Screw thread Φ28-M27x2

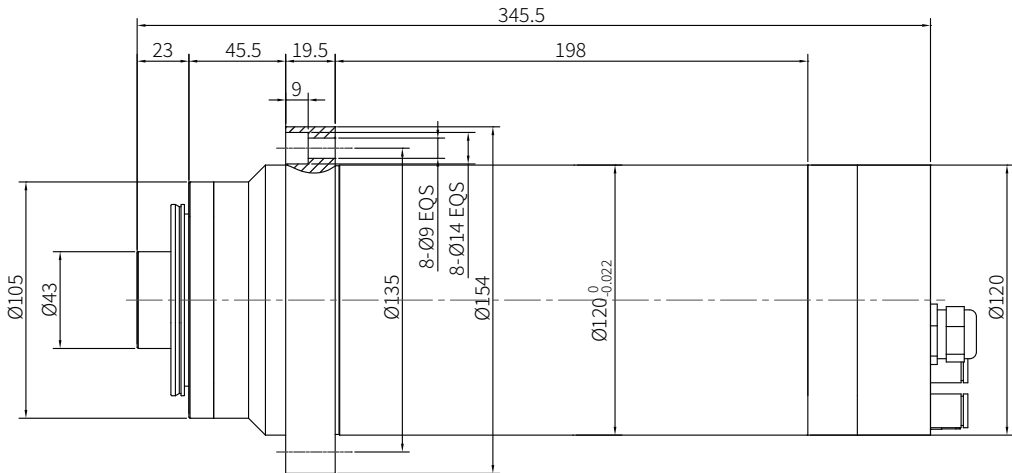
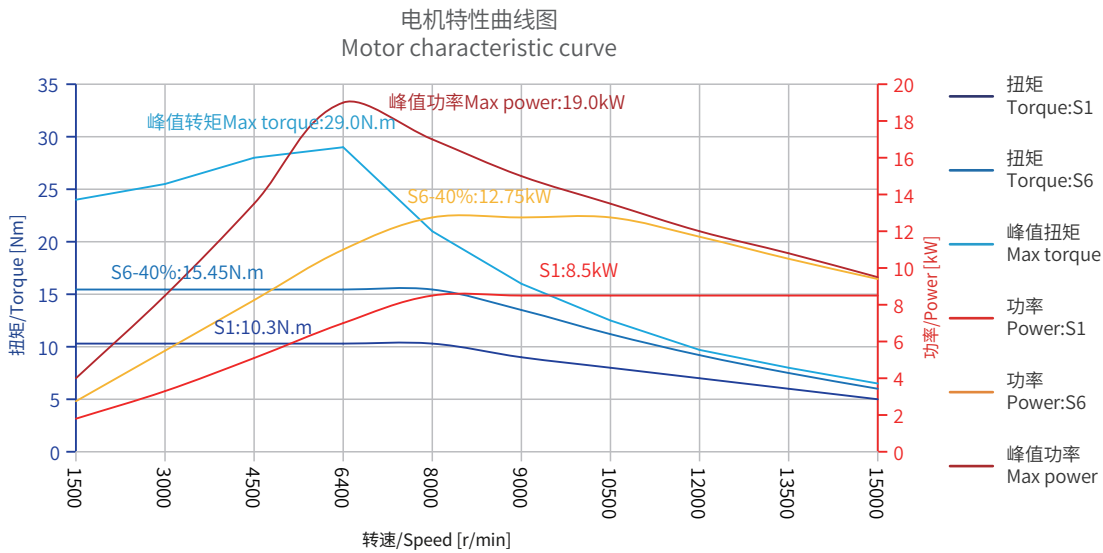
工具磨 Grinding of Tools
DGZM-08012



型号	DGZM-08012
主轴直径	Φ80mm
最高转速	12,000rpm
额定转速	≤10,000rpm
润滑形式	油脂
刀柄接口	HSK C50
换刀方式	手动
平衡等级	G1
振动速度	≤0.8mm/s (O-P)
端面跳动	≤0.002mm
锥孔跳动	≤0.001mm
轴端径向跳动	≤0.006mm (测试棒125mm处)

Model	DGZM-08012
Diameter	Φ80mm
Maximum speed	12,000rpm
Rated speed	≤10,000rpm
Form of Lubrication	Grease
Tool interface	HSK C50
Tool change mode	Manual operation
Balance level	G1
Vibration velocity	≤0.8mm/s (O-P)
End runout	≤0.002mm
Cone-hole runout	≤0.001mm
Shaft end radial runout	≤0.006mm (Test rod 125mm)

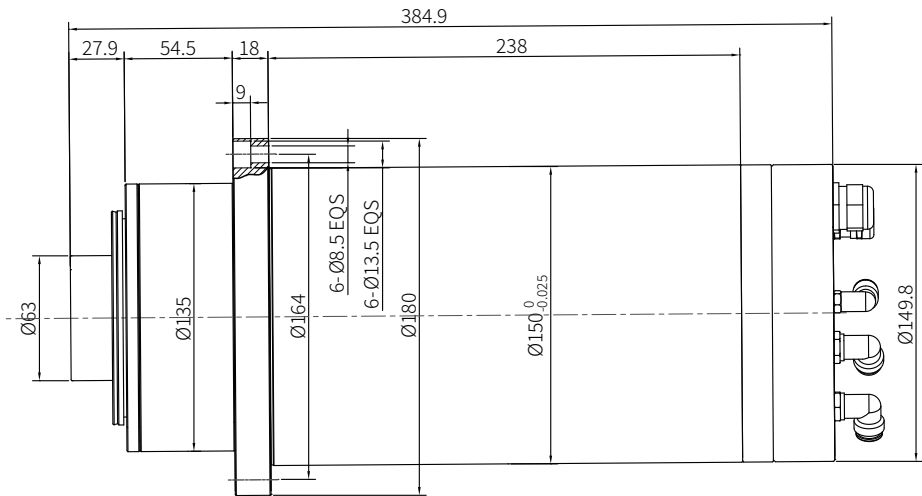
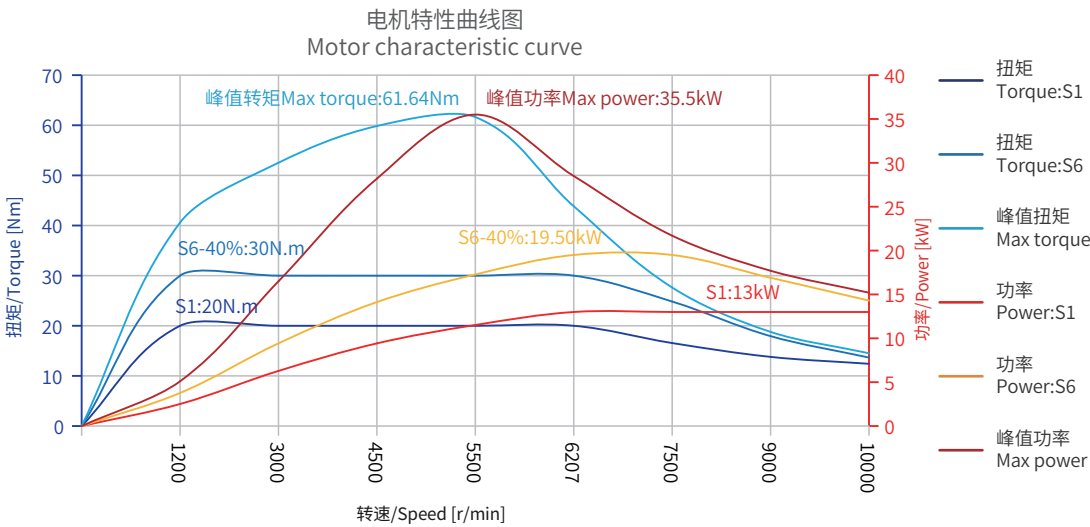
工具磨 Grinding of Tools
DGZM-12015/8.5-KFWS



型号	DGZM-12015/8.5-KFWS
主轴直径	Φ120mm
最高转速	15000rpm
最大频率	500Hz
额定转速	8000rpm
额定频率	267Hz
额定电压	380V
额定电流	16.4A
额定功率	8.5kW
额定扭矩	10.3N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	4-6L/min (水压0.25MPa)
电机温度传感器类型	KTY
振动速度	≤0.8mm/s
重量	24±1kg
刀具接口	HSK C40

Model	DGZM-12015/8.5-KFWS
Diameter	Φ120mm
Maximum speed	15000rpm
Maximum frequency	500Hz
Rated speed	8000rpm
Rated frequency	267Hz
Rated voltage	380V
Rated current	16.4A
Rated power	8.5kW
Rated torque	10.3N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	4-6L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	KTY
Vibration velocity	≤0.8mm/s
Weight	24±1kg
Tool interface	HSK C40

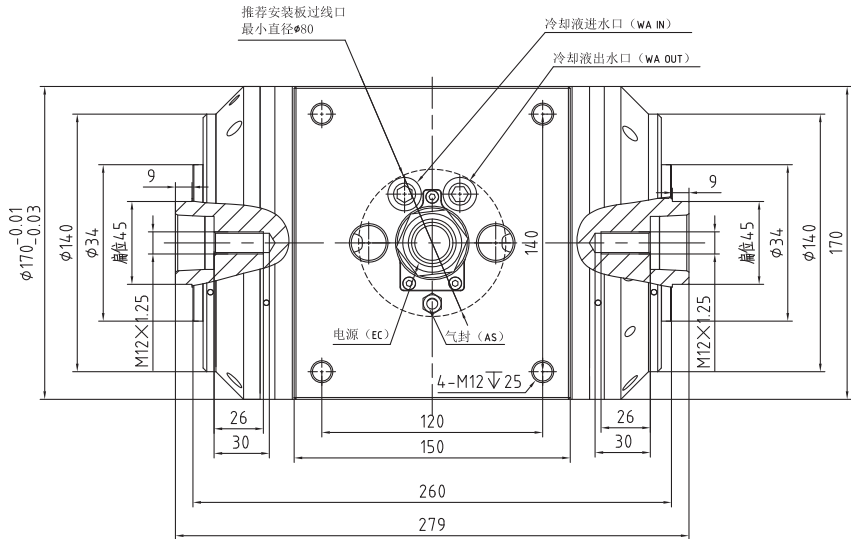
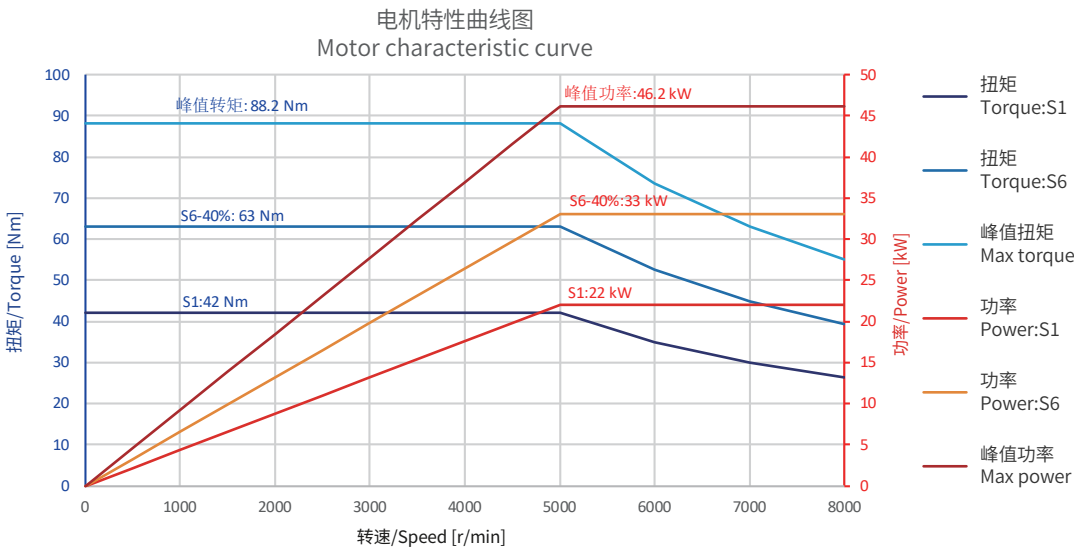
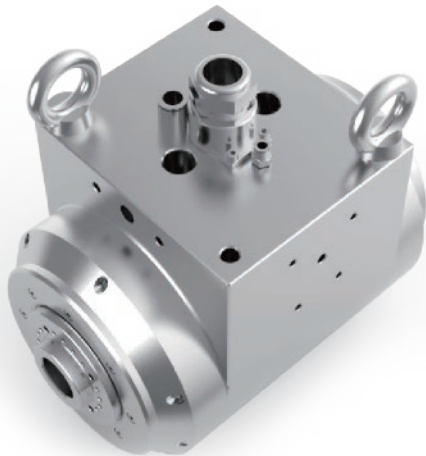
工具磨 Grinding of Tools
DGZM-15010/13B2-KFWS



型号	DGZM-15010/13B2-KFWS
主轴直径	Φ150mm
最高转速	10,000rpm
最大频率	334Hz
额定转速	6,300rpm
额定频率	210Hz
额定电压	380V
额定电流	25A
额定功率	13kW
额定扭矩	20N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	≥3.5L/min (水压0.25MPa)
电机温度传感器类型	KTY和PTC
振动速度	≤0.8mm/s
重量	42±1kg
刀具接口	HSK C50

Model	DGZM-15010/13B2-KFWS
Diameter	Φ150mm
Maximum speed	10,000rpm
Maximum frequency	334Hz
Rated speed	6,300rpm
Rated frequency	210Hz
Rated voltage	380V
Rated current	25A
Rated power	13kW
Rated torque	20N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	≥3.5L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	KTY or PTC
Vibration velocity	≤0.8mm/s
Weight	42±1kg
Tool interface	HSK C50

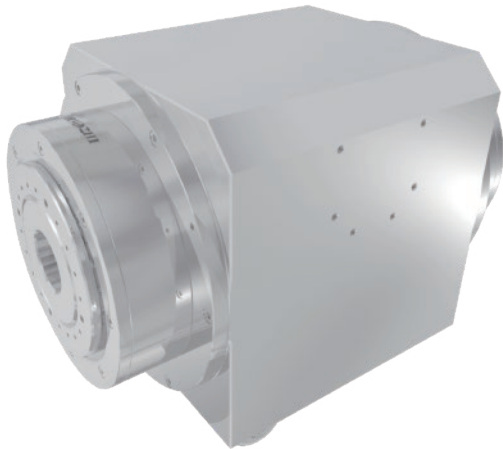
工具磨 Grinding of Tools
DGZYM-17008/22A-KWS



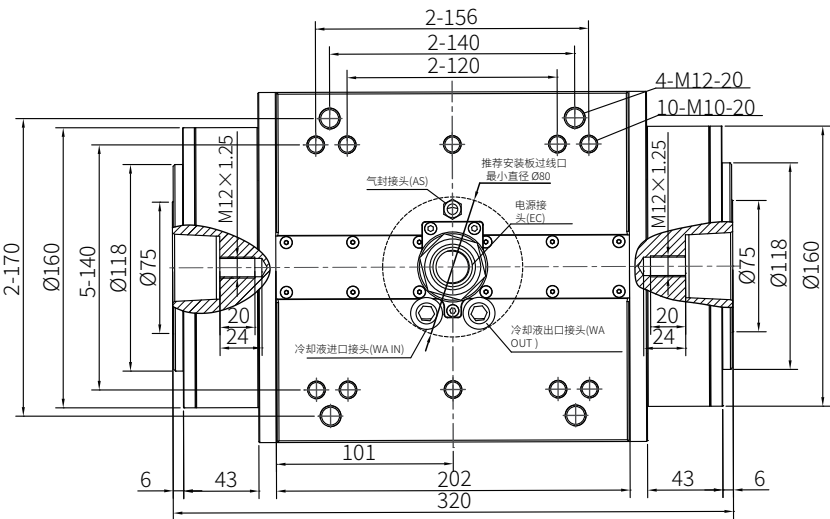
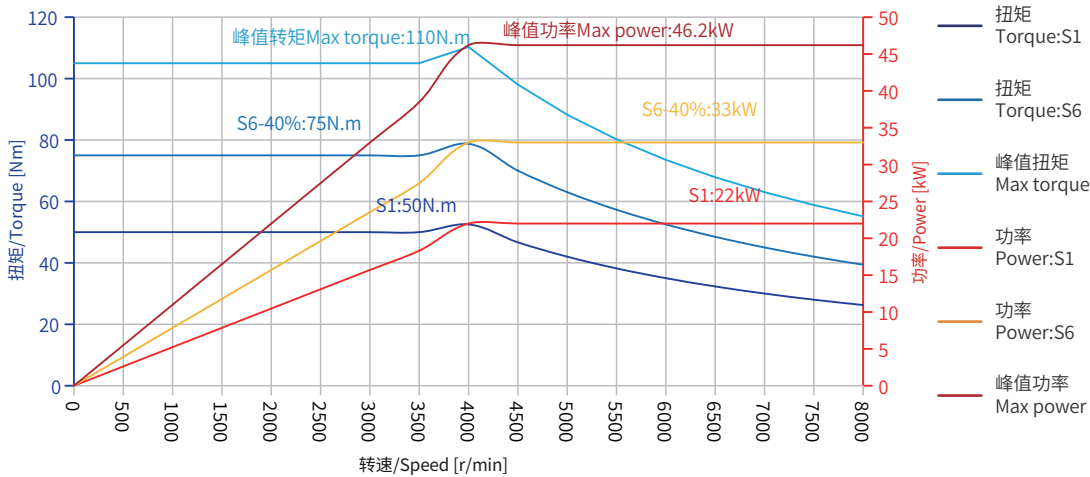
型号	DGZYM-17008/22A-KWS
主轴直径	Φ170mm
最高转速	8,000rpm
最大频率	400Hz
额定转速	5,000rpm
额定频率	250Hz
额定电压	380V
额定电流 (S1)	42.8A
额定功率 (S1)	22kW
额定扭矩 (S1)	42N.m
电机类型	永磁同步
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	6-8L/min (水压0.15MPa)
定子温度传感器类型	KTY
振动速度	≤0.8mm/s
重量	49kg
刀具接口	HSK F50

Model	DGZYM-17008/22A-KWS
Diameter	Φ170mm
Maximum speed	8,000rpm
Maximum frequency	400Hz
Rated speed	5,000rpm
Rated frequency	250Hz
Rated voltage	380V
Rated current	42.8A
Rated power	22kW
Rated torque	42N.m
Motor type	Synchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	6-8L/min (Hydraulic pressure 0.15MPa)
Motor temperature sensor type	KTY
Vibration velocity	≤0.8mm/s
Weight	49kg
Tool interface	HSK F50

工具磨 Grinding of Tools
DGZYM-20008/22-KWS



电机特性曲线图
Motor characteristic curve



型号	DGZYM-20008/22-KWS
主轴直径	Φ200mm
最高转速	8000rpm
最大频率	534Hz
额定转速	4200rpm
额定频率	280Hz
额定电压	380V
额定电流	41A
额定功率	22kW
额定扭矩	50N.m
电机类型	永磁同步
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	6-8L/min (水压0.25MPa)
电机温度传感器类型	KTY和PTC
振动速度	≤0.8mm/s
重量	75±3kg
刀具接口	HSK E50

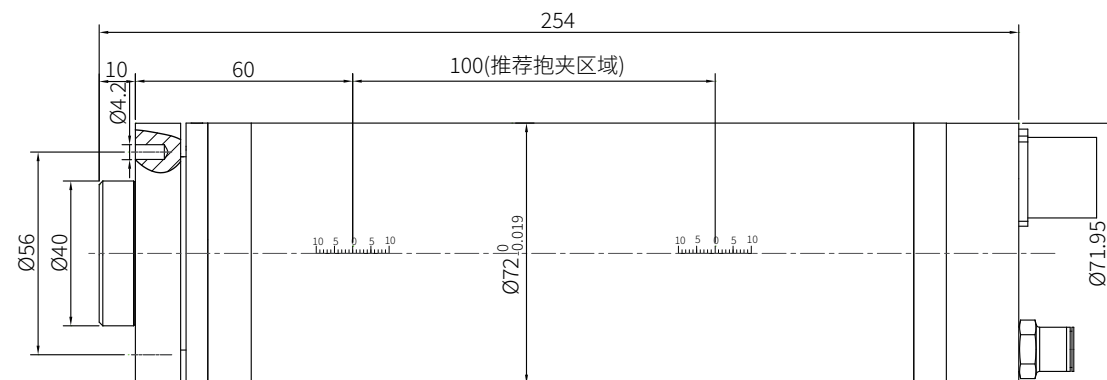
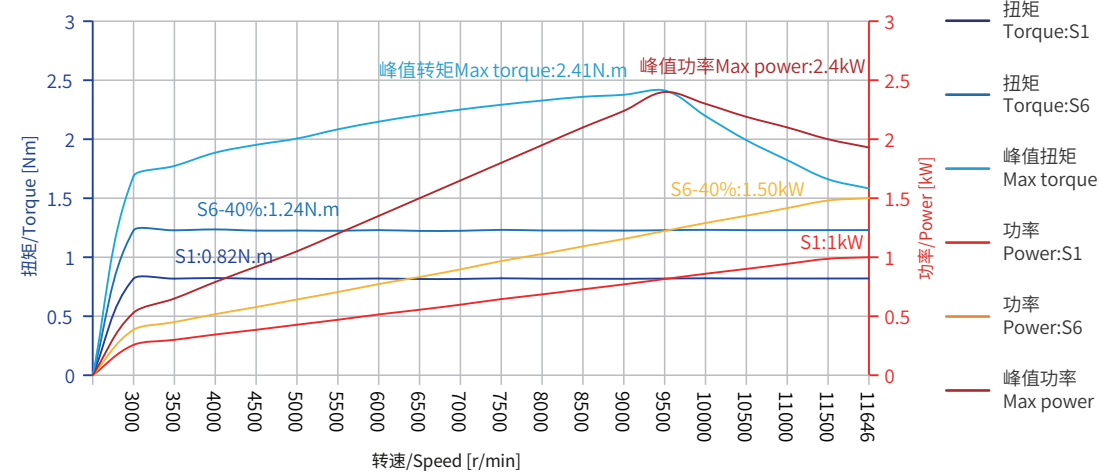
Model	DGZYM-20008/22-KWS
Diameter	Φ200mm
Maximum speed	8000rpm
Maximum frequency	534Hz
Rated speed	4200rpm
Rated frequency	280Hz
Rated voltage	380V
Rated current	41A
Rated power	22kW
Rated torque	50N.m
Motor type	Permanent magnet synchronous
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	6-8L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	KTY or PTC
Vibration velocity	≤0.8mm/s
Weight	75±3kg
Tool interface	HSK E50

砂轮修整 Dressing Of Grinding Wheels

DGZM-07212/1-GS



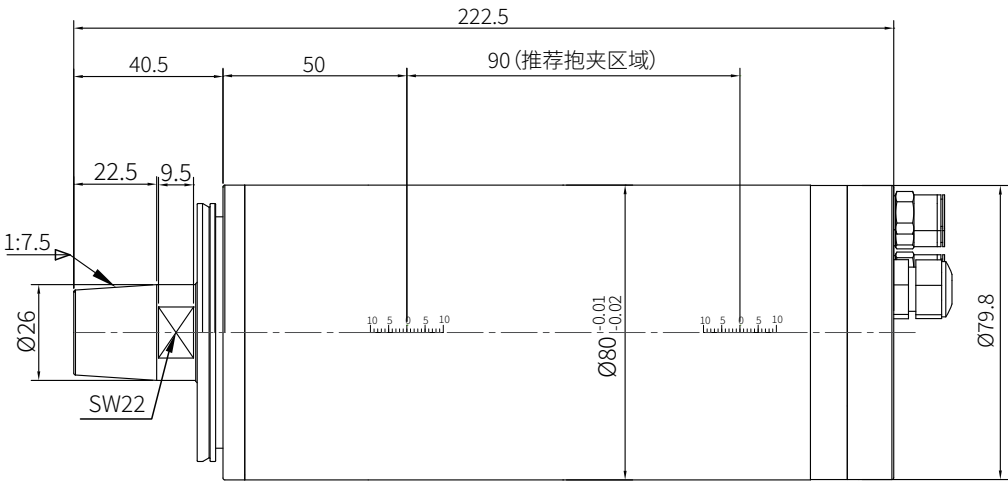
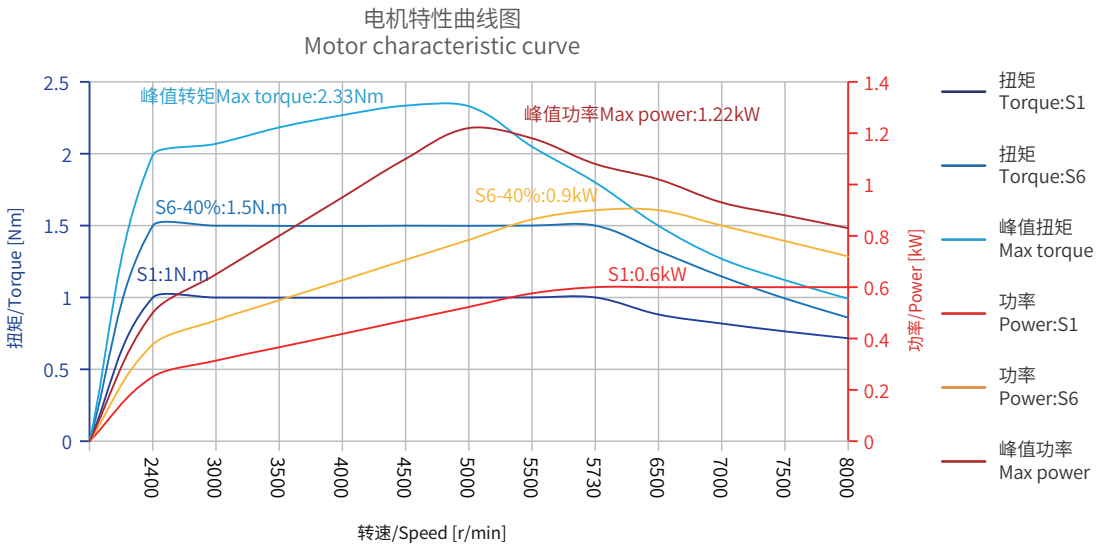
电机特性曲线图
Motor characteristic curve



型号	DGZM-07212/1-GS
主轴直径	Φ72mm
最高转速	12000rpm
最大频率	400Hz
额定转速	12000rpm
额定频率	400Hz
额定电压	380V
额定电流	2.4A
额定功率	1kW
额定扭矩	0.82N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	风冷
电机温度传感器类型	PTC
振动速度	≤0.8mm/s
重量	7±0.5kg
刀具接口	D40-PCDΦ56

Model	DGZM-07212/1-GS
Diameter	Φ72mm
Maximum speed	12000rpm
Maximum frequency	400Hz
Rated speed	12000rpm
Rated frequency	400Hz
Rated voltage	380V
Rated current	2.4A
Rated power	1kW
Rated torque	0.82N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Air cooling
Motor temperature sensor type	PTC
Vibration velocity	≤0.8mm/s
Weight	7±0.5kg
Tool interface	D40-PCDΦ56

砂轮修整 Dressing Of Grinding Wheels
DGZM-08008/0.6-WM



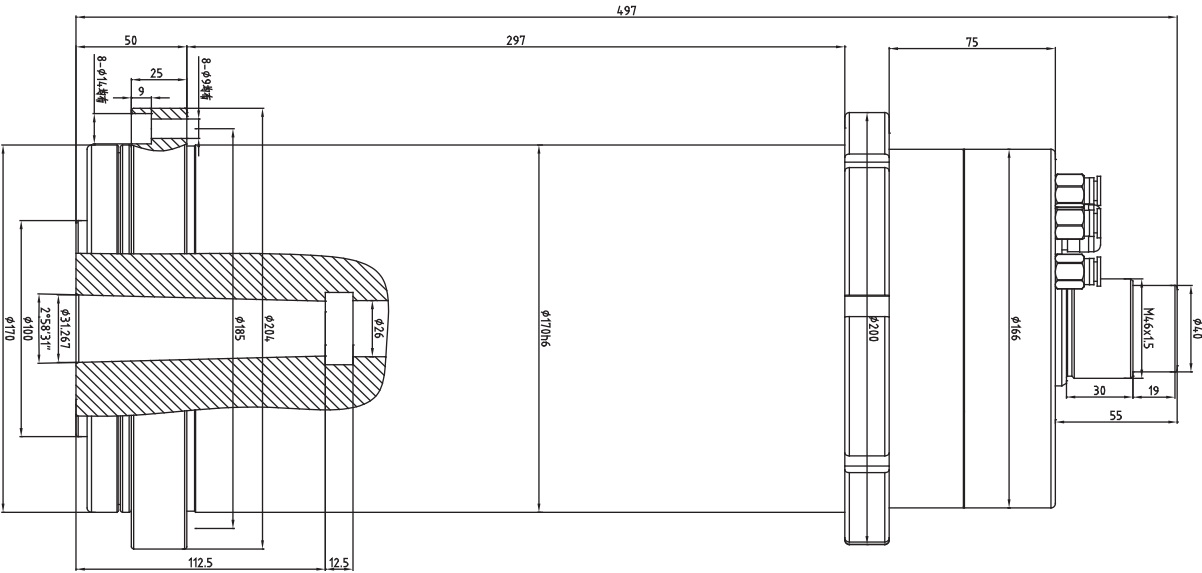
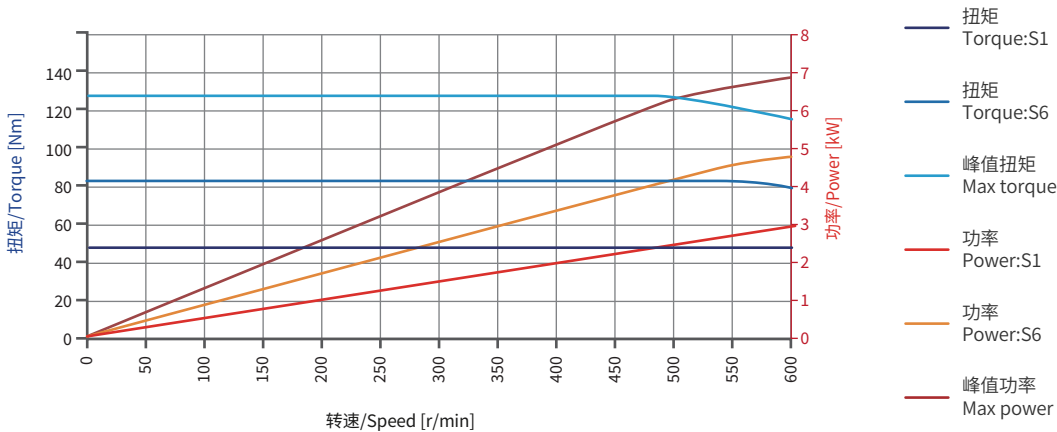
型号	DGZM-08008/0.6-WM
主轴直径	Φ80mm
最高转速	8000rpm
最大频率	267Hz
额定转速	6000rpm
额定频率	200Hz
额定电压	220V
额定电流	2.8A
额定功率	0.6kW
额定扭矩	1N.m
电机类型	异步感应
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	≥1L/min (水压0.25MPa)
电机温度传感器类型	PTC
振动速度	≤0.8mm/s
重量	7±0.5kg
刀具接口	外锥1:7.5

Model	DGZM-08008/0.6-WM
Diameter	Φ80mm
Maximum speed	8000rpm
Maximum frequency	267Hz
Rated speed	6000rpm
Rated frequency	200Hz
Rated voltage	220V
Rated current	2.8A
Rated power	0.6kW
Rated torque	1N.m
Motor type	Asynchronous motor
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	≥1L/min (Hydraulic pressure0.25MPa)
Motor temperature sensor type	PTC
Vibration velocity	≤0.8mm/s
Weight	7±0.5kg
Tool interface	Outer cone 1:7.5

工件轴 Workpiece Shaft
DGZYM-1700.6/3-FWM



电机特性曲线图
Motor characteristic curve



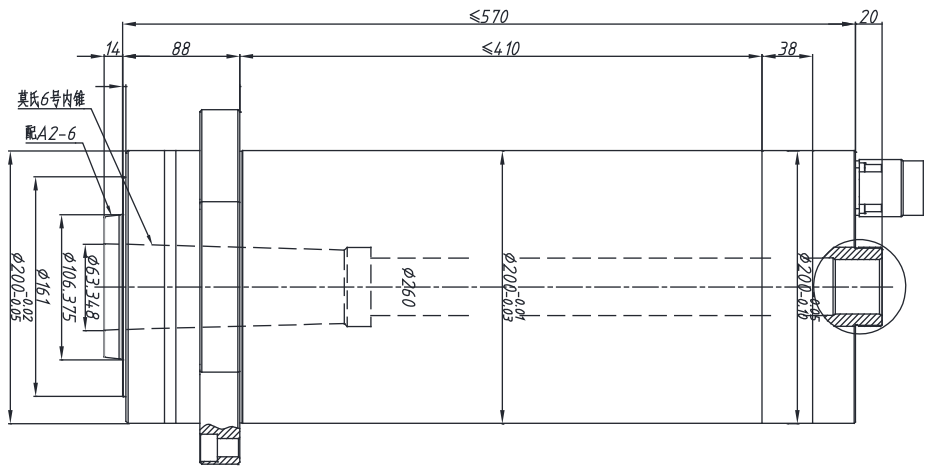
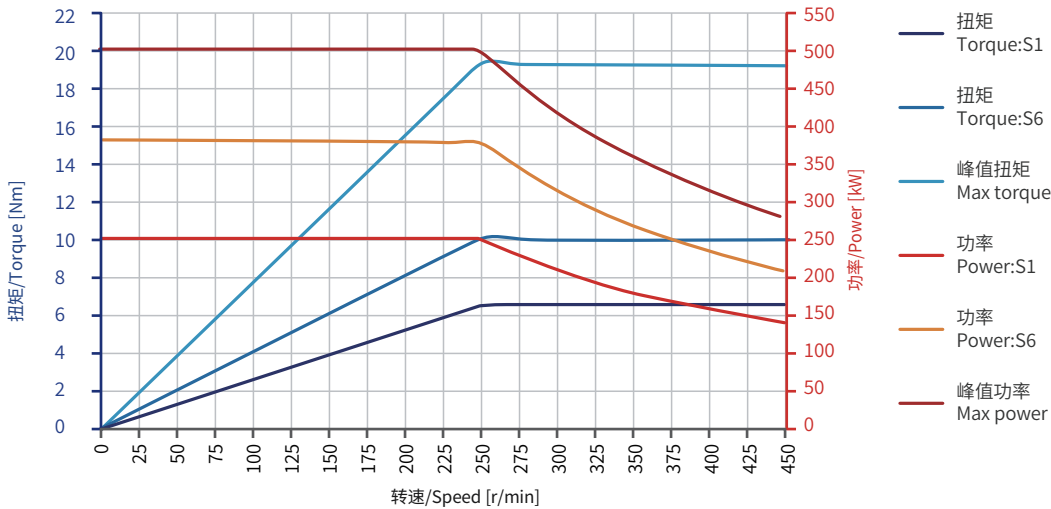
型号	DGZYM-1700.6/3-FWM
主轴直径	$\phi 170h6mm$
最高转速	600rpm
最大频率	80Hz
额定转速	600rpm
额定频率	80Hz
额定电压	220V
额定电流(S1)	9.5A
额定功率(S1)	3kW
额定扭矩(S1)	47.7N.m
电机类型	永磁同步
轴承类型	陶瓷球轴承
冷却方式	水冷
冷却流量	$\geq 2(0.25MPa)$
定子温度传感器类型	KTY和PTC
振动速度	$\leq 0.6mm/s$
重量	68kg
刀具接口	MT4

Model	DGZYM-1700.6/3-FWM
Diameter	$\phi 170h6mm$
Maximum speed	600rpm
Maximum frequency	80Hz
Rated speed	600rpm
Rated frequency	80Hz
Rated voltage	220V
Rated current(S1)	9.5A
Rated power(S1)	3kW
Rated torque(S1)	47.7N.m
Motor type	Permanent magnet synchronous
Bearing type	Ceramic ball bearing
Cooling method	Water cooling
Cooling flow rate	$\geq 2(0.25MPa)$
Stator temperature sensor type	KTY or PTC
Vibration velocity	$\leq 0.6mm/s$
Weight	68kg
Tool interface	MT4

工件轴 Workpiece Shaft
DGZYM-2000.4/6.5-FWVM



电机特性曲线图
Motor characteristic curve



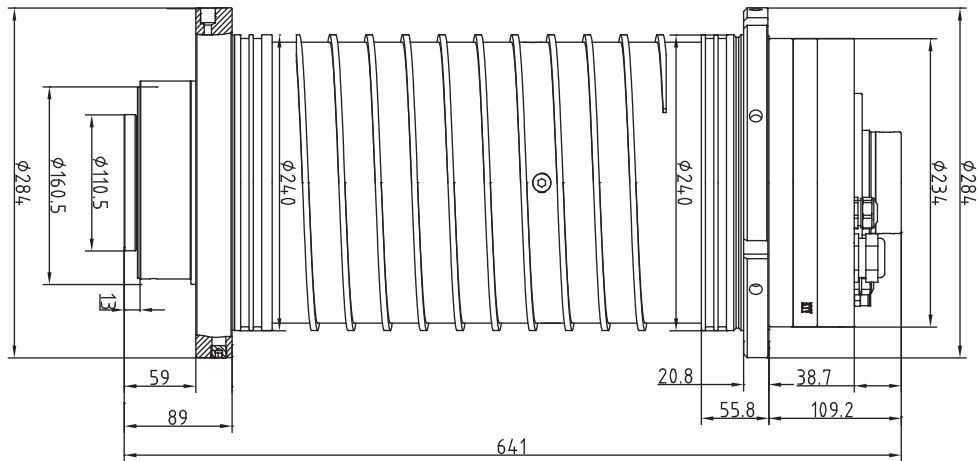
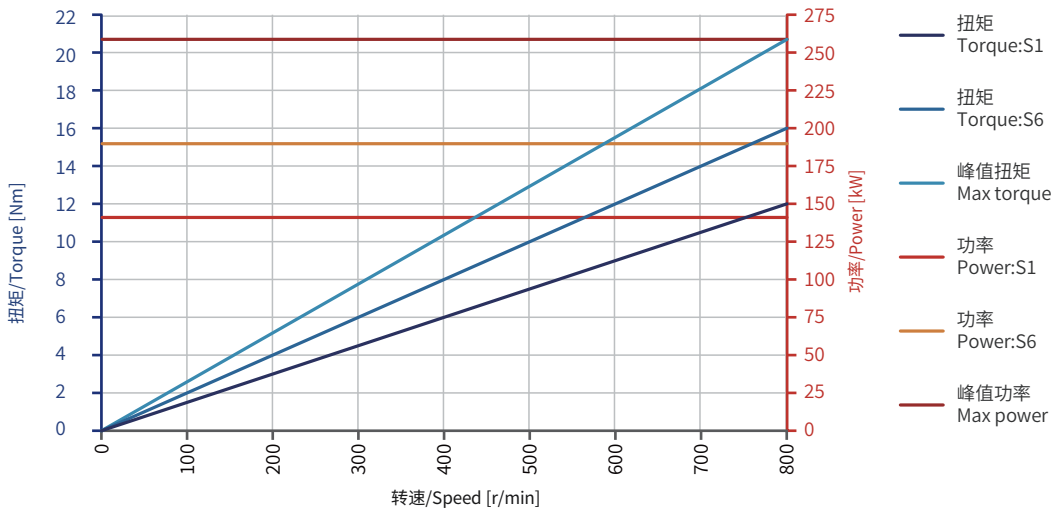
型号	DGZYM-2000.4/6.5-FWVM
主轴直径	φ200mm
最高转速	400rpm
最大频率	66.7Hz
额定转速	250rpm
额定频率	41.7Hz
额定电压	220V
额定电流(S1)	23.5A
额定功率(S1)	6.5kW
额定扭矩(S1)	248.3N.m
电机类型	永磁同步
轴承润滑形式	油脂
冷却方式	油冷/水冷
冷却流量	6-8/0.25MPa
定子温度传感器类型	KTY和PTC
振动速度	≤0.8mm/s
重量	109kg
鼻端规格	A2-6

Model	DGZYM-2000.4/6.5-FWVM
Diameter	φ200mm
Maximum speed	400rpm
Maximum frequency	66.7Hz
Rated speed	250rpm
Rated frequency	41.7Hz
Rated voltage	220V
Rated current(S1)	23.5A
Rated power(S1)	6.5kW
Rated torque(S1)	248.3N.m
Motor type	Permanent magnet synchronous
Bearing Lubrication Type	Grease
Cooling method	oil/water cooling
Cooling flow rate	6-8/0.25MPa
Stator temperature sensor type	KTY or PTC
Vibration velocity	≤0.8mm/s
Weight	109kg
Nose specification	A2-6

工件轴 Workpiece Shaft
DGZYM-2400.8/12-FWVM



电机特性曲线图
Motor characteristic curve



型号	DGZYM-2400.8/12-FWVM
主轴直径	φ240mm
最高转速	800rpm
最大频率	53.3Hz
额定转速	800rpm
额定频率	53.3Hz
额定电压	220V
额定电流(S1)	46A
额定功率(S1)	12kW
额定扭矩(S1)	143N.m
电机类型	永磁电机
轴承润滑形式	油脂
冷却方式	油冷/水冷
冷却流量	2-3/0.25MPa
定子温度传感器类型	KTY
振动速度	≤0.8mm/s
鼻端规格	A2-6

Model	DGZYM-2400.8/12-FWVM
Diameter	φ240mm
Maximum speed	800rpm
Maximum frequency	53.3Hz
Rated speed	800rpm
Rated frequency	53.3Hz
Rated voltage	220V
Rated current(S1)	46A
Rated power(S1)	12kW
Rated torque(S1)	143N.m
Motor type	Permanent Magnet motor
Bearing Lubrication Type	Grease
Cooling method	oil/water cooling
Cooling flow rate	2-3/0.25MPa
Stator temperature sensor type	KTY
Vibration velocity	≤0.8mm/s
Nose specification	A2-6

磨削转台系列 >>>

Grinding Rotary Table Series

主要应用于多功能、复合型硬质合金刀具磨工件头联动加工转台。
It is mainly used in multi-function, compound carbide tool grinding head linkage processing turntable.

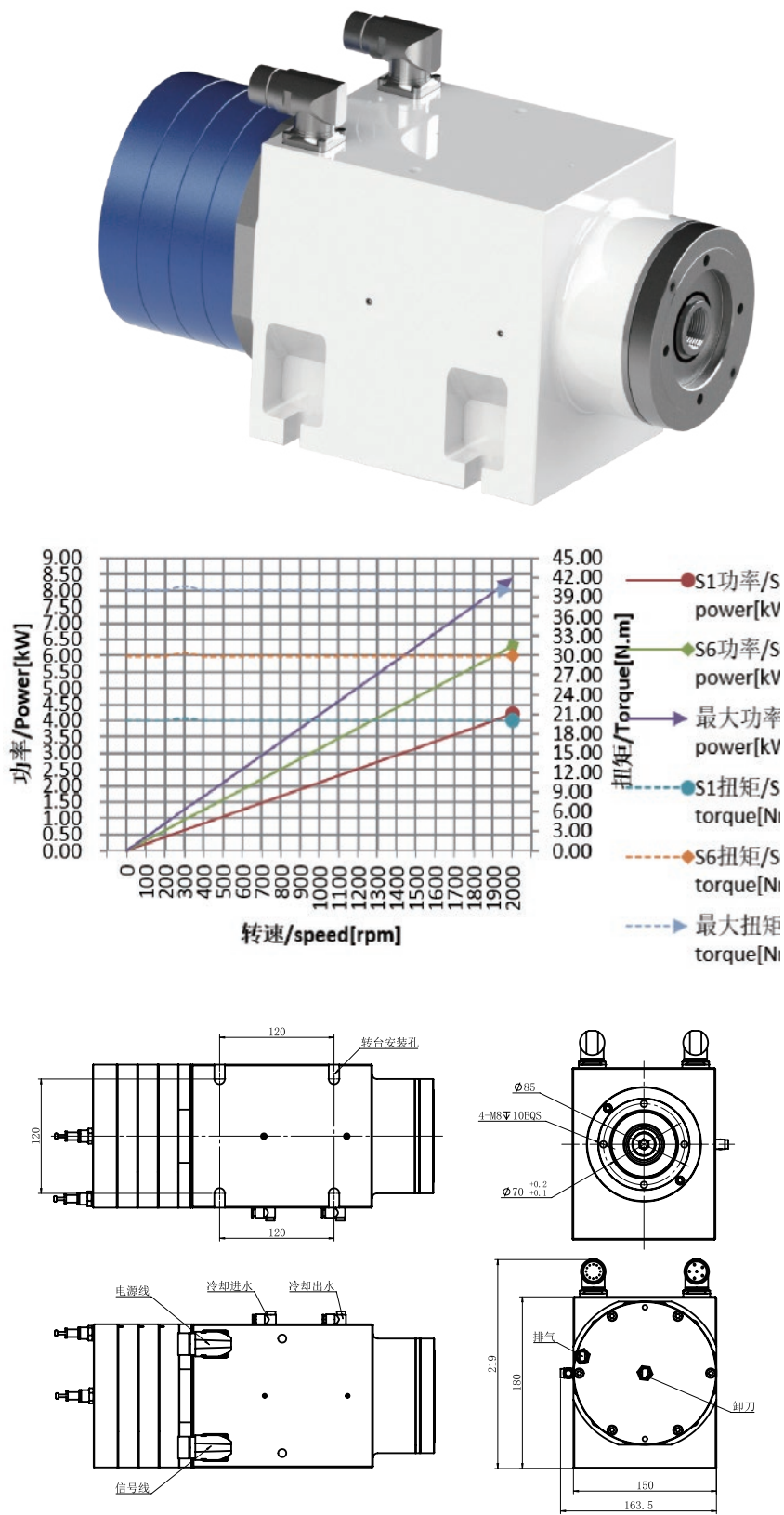


主要性能特点 Main Features

高精度 采用高精密26位编码器，定位精度±3"，重复精度±1"。	High precision High precision 26-bit encoder, positioning accuracy ±3 ", repetition accuracy ±1 ".
高承载 采用高刚性、高倾覆能力轴承，加工中可以降低让刀量，使产品加工更稳定。	High load capacity High-rigidity and high anti-overturning bearings are adopted to reduce tool deflection during machining, thus enhancing processing stability.
高回转精度 采用高精密级轴承，回转精度0.001mm以内。	High rotation accuracy Adopt high precision bearing, rotation accuracy within 0.001mm.
兼容性强 可实现BT50、肖柏林、复位刀柄、液压刀柄多品种结构兼容。	Strong compatibility It can realize BT50, Chopelin, reset tool holder, hydraulic tool holder multi-variety structure Compatible.
丰富配置 采用自主创新型内置气缸，可实现高推力、松开及夹紧松刀功能。	Extensive Configuration With our own innovative built-in cylinder, we can achieve high thrust, release and clamp loose Knife function.



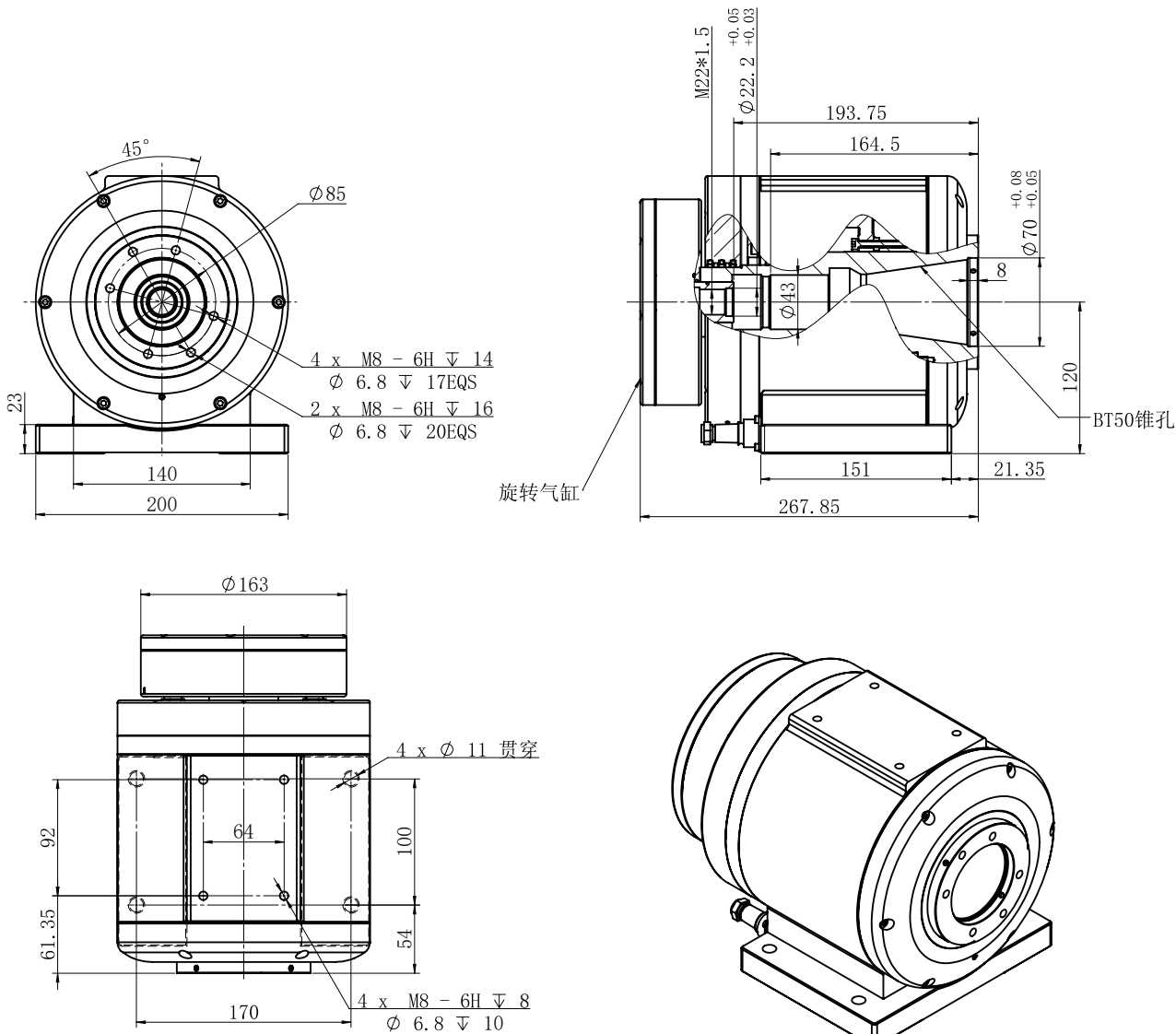
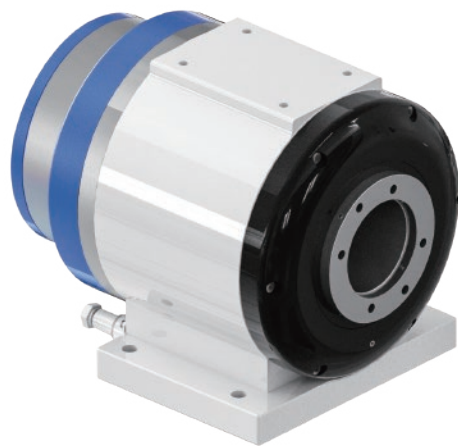
磨削转台 Grinding rotary table
DZDH-110-2000-100-20-A26W



型号	DZDH-110-2000-100-20-A26W
额定扭矩(Nm)	20
最大扭矩(mm)	40
额定电流(A)	12.4
最大电流(A)	24.8
额定转速(rpm)	2000
最高转速(rpm)	2000
额定电压(V)	220
额定功率S1 100% (kW)	4.2
额定功率S6 40% (kW)	8.4
编码器	26bit(BISS-C)
冷却方式	水冷 (0.25mpa, 5Lmin)
刀具卸刀气压 (MPa)	≥0.55
拉力力 (N)	≥8500
锥孔端面跳动 (mm)	≤0.001
标准棒径向跳动 (mm)	≤0.005(标准棒15mm处)
定位精度 (arcsec)	±3
重复定位精度 (arcsec)	±1
刀柄类型	W25夹头
重量 (kg)	40

Model	DZDH-110-2000-100-20-A26W
Rated Torque (Nm)	20
Maximum Torque (mm)	40
Rated Current (A)	12.4
Maximum Current (A)	24.8
Rated Speed (rpm)	2000
Maximum Speed (rpm)	2000
Rated Voltage (V)	220
Rated Power S1 100% (kW)	4.2
Rated Power S6 40% (kW)	8.4
Encoder	26bit (BISS-C)
Cooling Method	Water-cooled (0.25 MPa, 5 L/min)
Air Pressure for Tool Unloading (MPa)	≥0.55
Drawbar Force (N)	≥8500
Taper Hole End Runout (mm)	≤0.001
Standard Bar Radial Runout (mm)	≤0.005 (at 15mm of standard bar)
Positioning Accuracy (arcsec)	±3
Repeat Positioning Accuracy (arcsec)	±1
Tool Holder Type	W25 collet
Weight (kg)	40

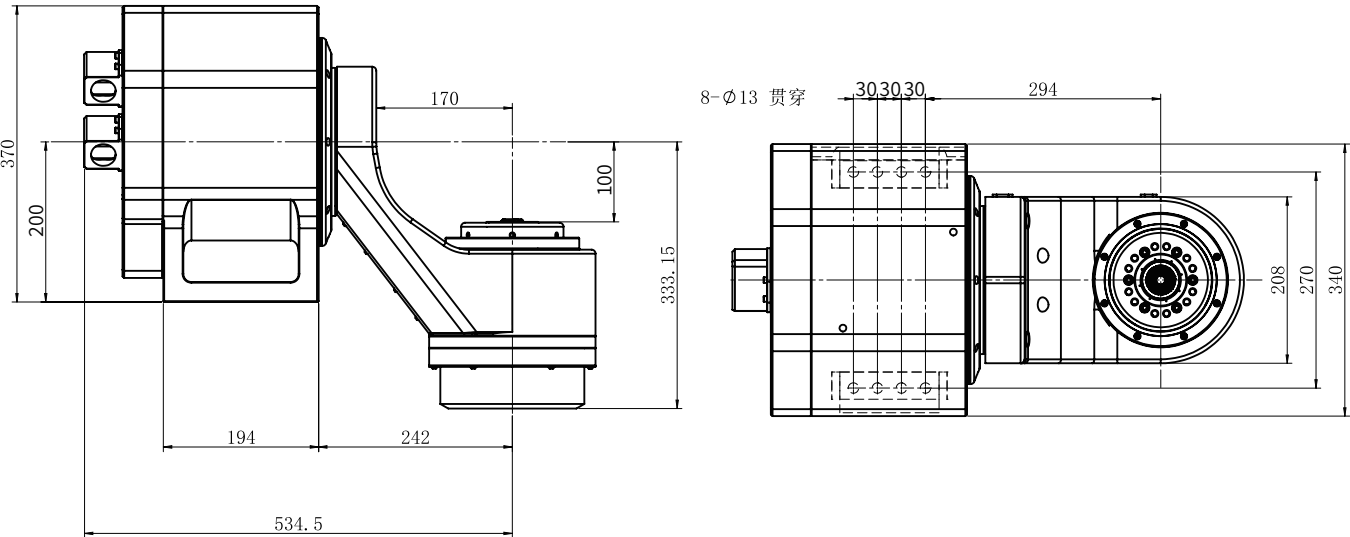
磨削转台 Grinding rotary table
DZDH-125-400-120-20-A26-A3



型号	DZDH-125-400-120-20-A26-A3
最高转速	240rpm
最大扭矩	75N.m
最大功率	1.88KW
最大电流	7A
电机级数	22(2P)
额定转速	240rpm
额定扭矩	30N.m
额定功率	0.75KW
额定电流	2.8A
额定电压	220V
编码器类型(协议)	26位(BISS-C协议)
打刀使用气压	0.5-0.6MPa
工作负载容量	≤30kg
转台净重	40Kg
定位精度	±3 arcsec
重复定位精度	±1 arcsec
防护等级	IP66

Model	DZDH-125-400-120-20-A26-A3
Max speed	240rpm
Max torque	75N.m
Max power	1.88KW
Max current	7A
Motor pole	22(2P)
Rated speed	240rpm
Rated torque	30N.m
Rated frequency	0.75KW
Rated current	2.8A
Rated voltage	220V
Encoder type(Protocol)	26 bit (BISS-C Protocol)
Clamping air pressure	0.5-0.6MPa
Load capacity	≤30kg
Weight	40Kg
Positioning accuracy	±3 arcsec
Pepeaing accuracy	±1 arcsec
IP Rating	IP66

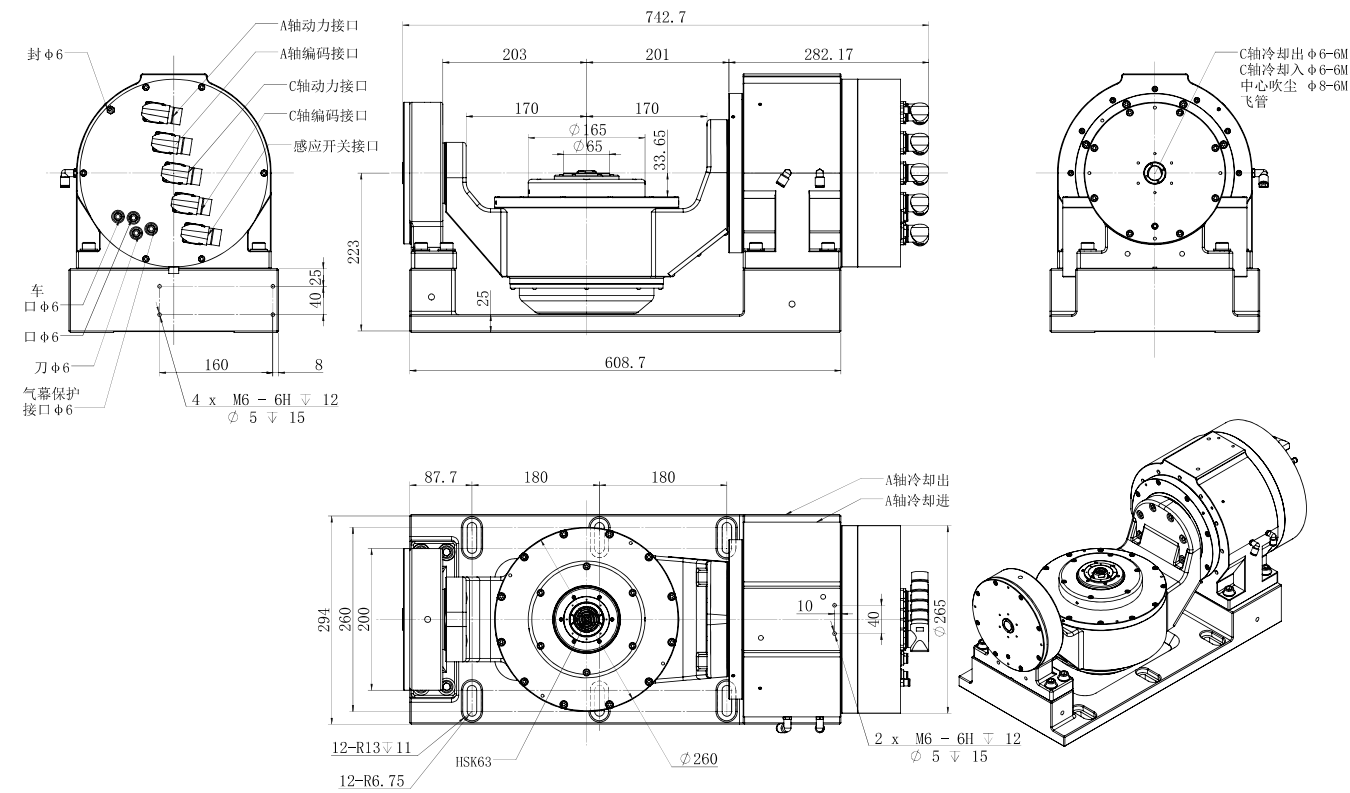
磨削转台 Grinding rotary table
DZDA-125-300/600-105/20-A26-A/A



型 号	DZDA-125-300/600-105/20-A26-A/A	
	倾斜轴	旋转轴
额定扭矩(Nm)	300	30
最大扭矩(mm)	600	88.75
额定电流(A)	18	1.3
最大电流 (A)	36	3.25
额定转速 (rpm)	200	250
最高转速 (rpm)	200	250
额定电压 (V)	220	380
额定功率S1 100% (kW)	2.2	0.65
额定功率S6 40% (kW)	6	0.975
刹车夹紧扭矩(Nm)	≥500	/
刹车复位气压 (Mpa)	0.55~0.6	/
编码器	26bit	26bit
旋转角度(°)	±110	任意
冷却方式	水冷	自冷
打刀复位气压 (MPa)	0.5~0.6	
拉刀力 (N)	≥4500	
锥孔端面跳动 (mm)	≤0.001	
锥孔径向跳动 (mm)	≤0.001	
定位精度 (arcsec)	±10	±10
重复定位精度 (arcsec)	±2	±2
工件负载重量 (kg)	20	
整机重量 (kg)	182	
刀柄接口	HSK-A63	
适配: 钵钠克、华中、新代等, FANUC、三菱、西门子等系统, 更换相应编码器!		

Model	DZDA-125-300/600-105/20-A26-A/A	
	Tilting axis	Rotary axis
Rated Torque (Nm)	300	30
Maximum Torque (Nm)	600	88.75
Rated Current (A)	18	1.3
Maximum Current (A)	36	3.25
Rated Speed (rpm)	200	250
Maximum Speed (rpm)	200	250
Rated Voltage (V)	220	380
Rated Power S1 100% (kW)	2.2	0.65
Rated Power S6 40% (kW)	6	0.975
Brake Clamping Torque (Nm)	≥500	/
Brake Reset Air Pressure (MPa)	0.55~0.6	/
Encoder	26bit	26bit
Rotation Angle (°)	±110	Arbitrary Angle
Cooling Method	Water Cooling	Self-cooling
Tool Unclamping Air Pressure (MPa)	0.5~0.6	
Tool Pulling Force (N)	≥4500	
Taper Hole End Runout (mm)	≤0.001	
Taper Hole Radial Runout (mm)	≤0.001	
Positioning Accuracy (arcsec)	±10	±10
Repeatability Accuracy (arcsec)	±2	±2
Workpiece Load Weight (kg)	20	
Total Machine Weight (kg)	182	
Tool Holder Interface	HSK-A63	
Compatible with Leadshine, Huazhong, Syntec and other systems, as well as FANUC, Mitsubishi, Siemens and other systems; replace with the corresponding encoders.		

磨削转台 Grinding rotary table
DZDC-125-250/250-157/50-A26-A/A



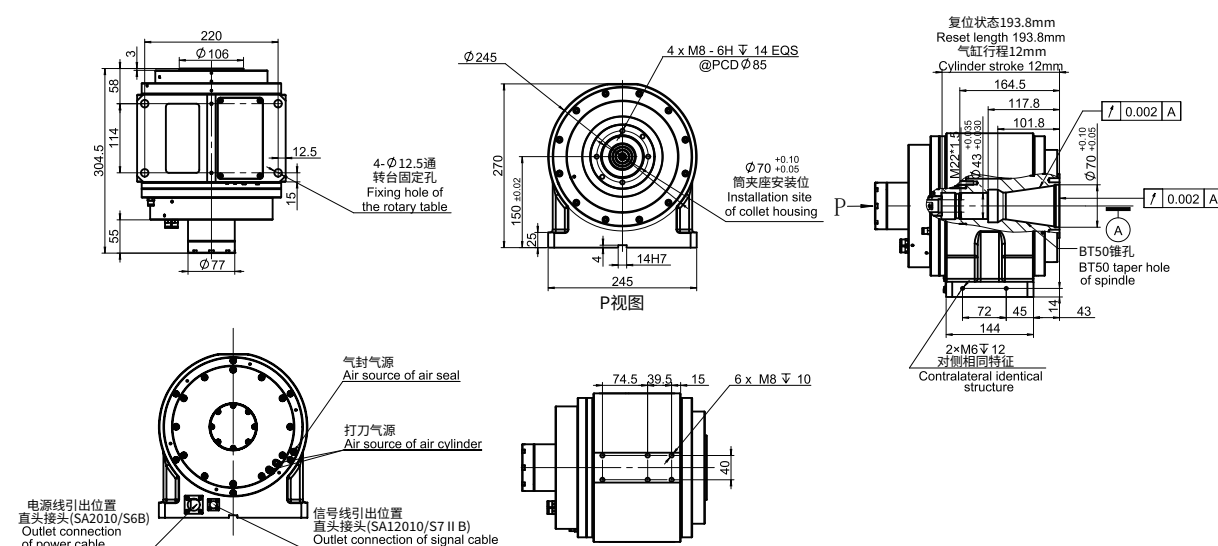
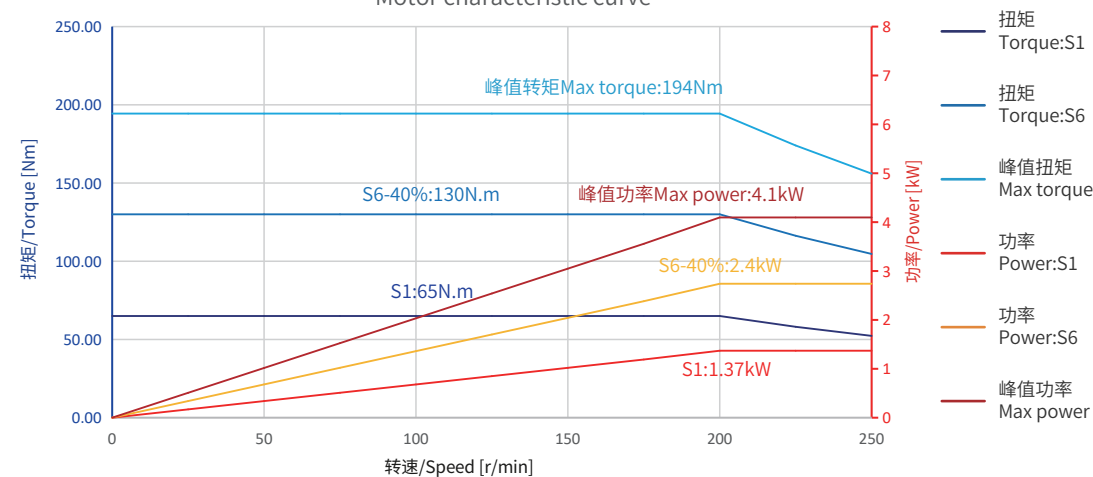
型 号	DZDC-125-250/250-157/50-A26-A/A	
	倾斜轴	旋转轴
额定扭矩(Nm)	157.5	53.3
最大扭矩(mm)	273	88.75
额定电流(A)	4.6	1.3
最大电流 (A)	12	3.25
额定转速 (rpm)	200	250
最高转速 (rpm)	250	250
额定电压 (V)	380	380
额定功率S1 100% (kW)	2.2	0.65
额定功率S6 40% (kW)	3.29	0.975
刹车夹紧扭矩(Nm)	≥235	/
刹车复位气压 (Mpa)	0.5~0.6	/
编码器	26bit	26bit
旋转角度 (°)	8.5/30	2.7/10.8
冷却方式	油冷	
刀具卸刀气压 (MPa)	0.6~0.65	
拉刀力 (N)	≥4000	
锥孔端面跳动 (mm)	≤0.001	
锥孔径向跳动 (mm)	≤0.001	
标准棒径向跳动 (mm)	近端≤0.002, 远端≤0.005	
定位精度 (arcsec)	±10(20)	±10(20)
重复定位精度 (arcsec)	光栅±2(4)	光栅±2(4)
工件负载重量 (kg)	竖直20/水平30	
整机重量 (kg)	171	
防护等级	IP65	
适配: 钵钠克、华中、新代等, FANUC、三菱、西门子等系统, 更换相应编码器!		

Model	DZDC-125-250/250-157/50-A26-A/A	
	Tilting axis	Rotary axis
Rated Torque (Nm)	157.5	53.3
Maximum Torque (Nm)	273	88.75
Rated Current (A)	4.6	1.3
Maximum Current (A)	12	3.25
Rated Speed (rpm)	200	250
Maximum Speed (rpm)	250	250
Rated Voltage (V)	380	380
Rated Power S1 100% (kW)	2.2	0.65
Rated Power S6 40% (kW)	3.29	0.975
Brake Clamping Torque (Nm)	≥235	/
Brake Reset Air Pressure (MPa)	0.5~0.6	/
Encoder	26bit	26bit
Rotation Angle (°)	8.5/30	2.7/10.8
Cooling Method	油冷	
Tool Unclamping Air Pressure (MPa)	0.6~0.65	
Tool Pulling Force (N)	≥4000	
Taper Hole End Runout (mm)	≤0.001	
Taper Hole Radial Runout (mm)	≤0.001	
Standard Bar Radial Runout (mm)	近端≤0.002, 远端≤0.005	
Positioning Accuracy (arcsec)	±10(20)	±10(20)
Repeatability Accuracy (arcsec)	光栅±2(4)	光栅±2(4)
Workpiece Load Weight (kg)	竖直20/水平30	
Total Machine Weight (kg)	171	
Protection Class	IP65	
Compatible with Leadshine, Huazhong, Syntec and other systems, as well as FANUC, Mitsubishi, Siemens and other systems; replace with the corresponding encoders.		

磨削转台 Grinding rotary table
DZDH-175-250-150-65-A26-A4



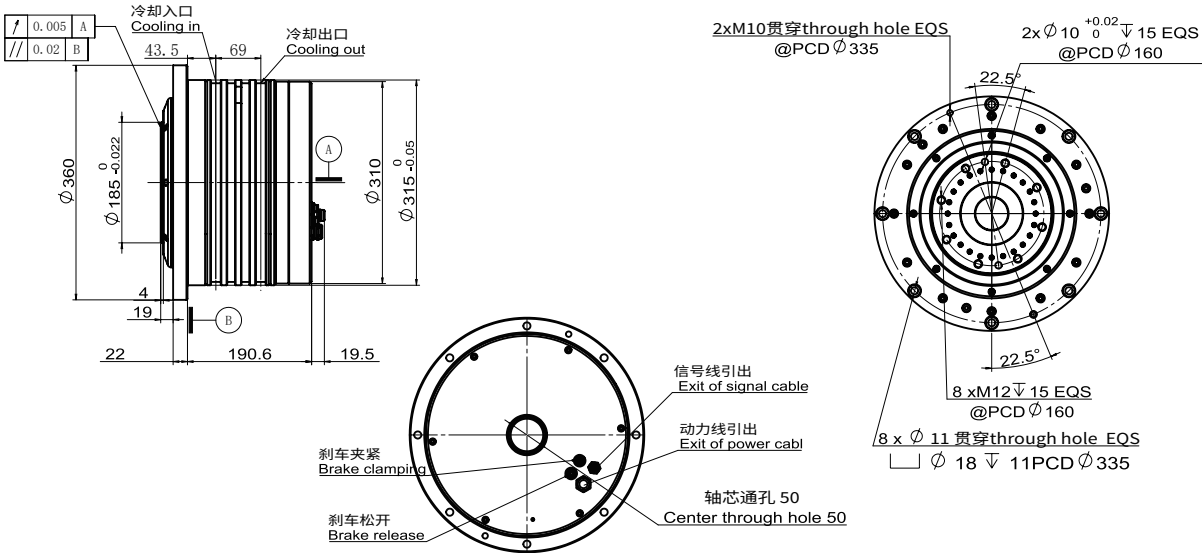
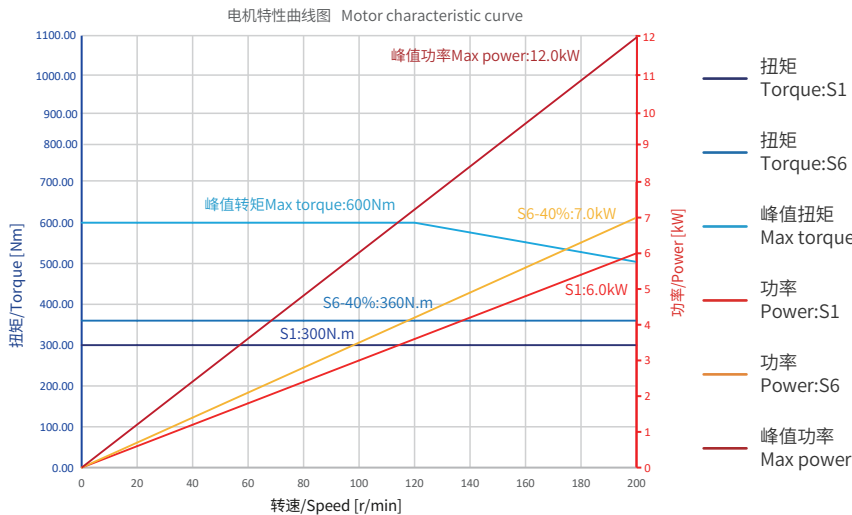
电机特性曲线图
Motor characteristic curve



型号	DZDH-175-250-150-65-A26-A
最高转速	250rpm
最大扭矩	130N.m
最大功率	2.74KW
最大电流	10.6A
电机级数	44(2P)
额定转速	200rpm
额定扭矩	65N.m
额定功率	1.37KW
额定电流	5.3A
额定电压	220V
编码器类型(协议)	26位(BISS-C协议)
锥孔锥面跳动	≤0.002mm
锥孔端面跳动	≤0.002mm
打刀使用气压	0.5-0.6MPa
气封气压	0.2MPa
定位精度	±3 arcsec
重复定位精度	±1 arcsec

Model	DZDH-175-250-150-65-A26-A
Max speed	250rpm
Max torque	130N.m
Max power	2.74KW
Max current	10.6A
Motor pole	44(2P)
Rated speed	200rpm
Rated torque	65N.m
Rated frequency	1.37KW
Rated current	5.3A
Rated voltage	220V
Encoder type(Protocol)	26 bit (BISS-C Protocol)
Radial run-out of the conicalsurface	≤0.002mm
Axial run-out of the cone face	≤0.002mm
Air pressure of air cylinder	0.5-0.6MPa
Air pressure of air seal	0.2MPa
Positioning accuracy	±3 arcsec
Pepeaing accuracy	±1 arcsec

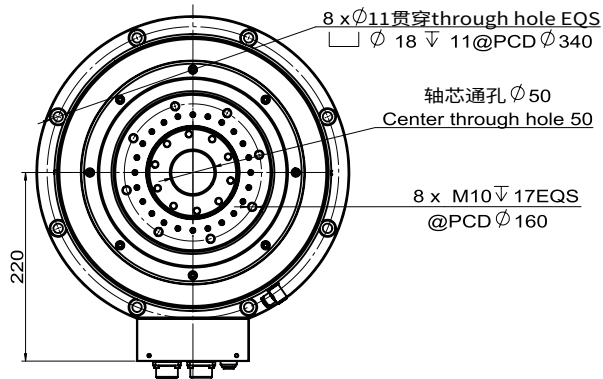
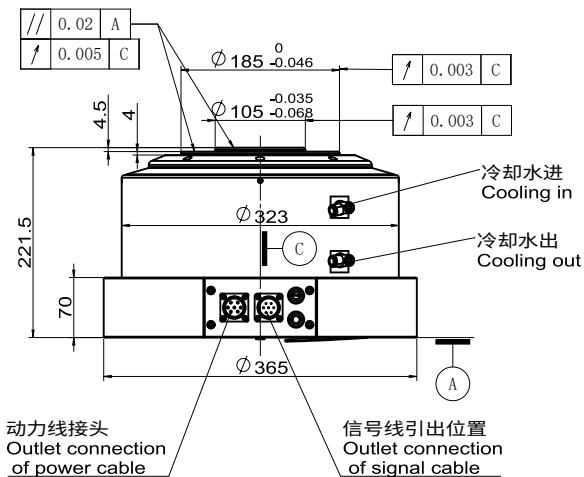
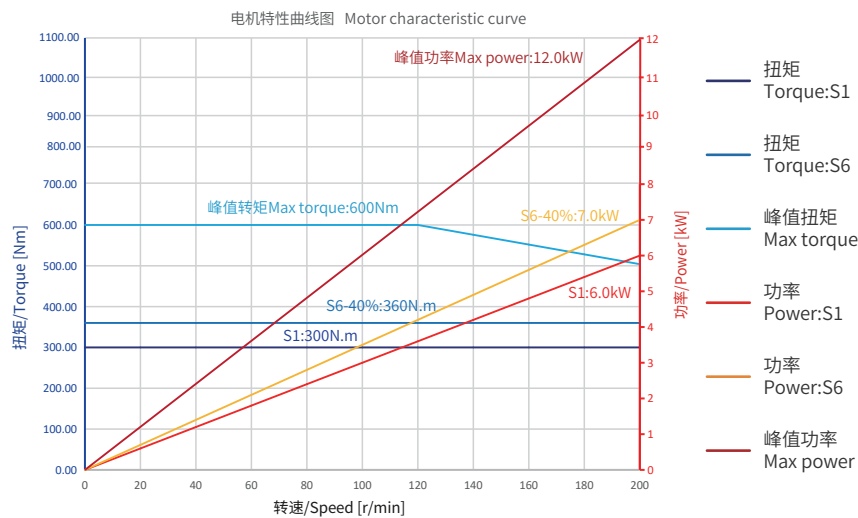
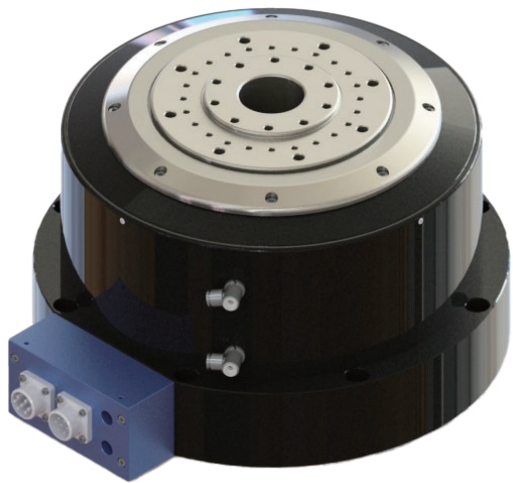
磨削转台 Grinding rotary table
DZDV-320-200-41-300-A26



型号	DZDV-320-200-41-300-A26
最高转速	100rpm
最大扭矩	600N.m
最大功率	12KW
最大电流	36A
电机级数	48(2P)
额定转速	60rpm
额定扭矩	300N.m
额定功率	6KW
额定电流	18A
额定电压	220V
编码器类型(协议)	26位 (BISS-C协议)
刹车气压	0.55MPa
刹车扭矩	≥235
工作负载容量	≤200Kg
转台净重	100
定位精度	±3 arcsec
重复定位精度	±1 arcsec

Model	DZDV-320-200-41-300-A26
Max speed	100rpm
Max torque	600N.m
Max power	12KW
Max current	36A
Motor pole	48(2P)
Rated speed	60rpm
Rated torque	300N.m
Rated frequency	6KW
Rated current	18A
Rated voltage	220V
Encoder type(Protocol)	26 bit (BISS-C Protocol)
Clamping air pressure	0.55MPa
Clamping torque	≥235
Load capacity	≤200Kg
Weight	100
Positioning accuracy	±3 arcsec
Pepeaing accuracy	±1 arcsec

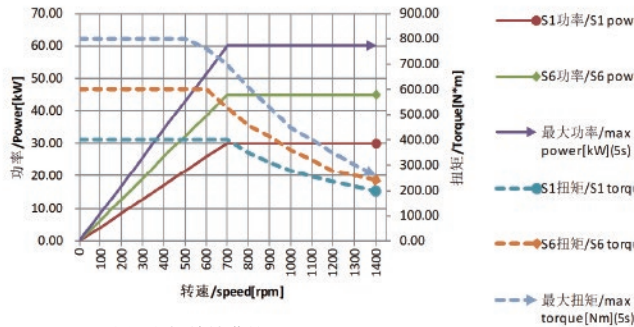
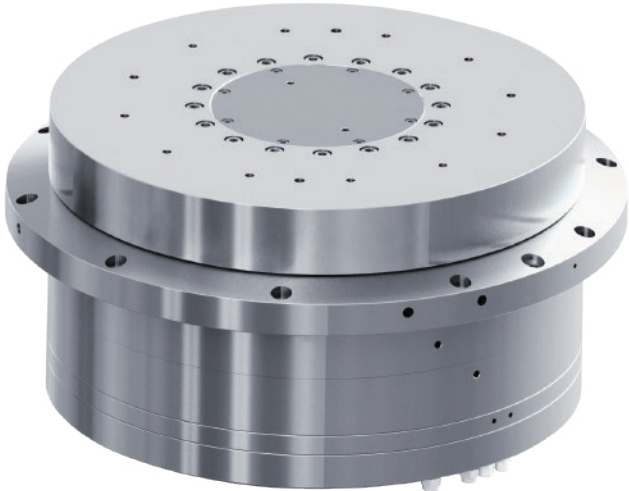
磨削转台 Grinding rotary table
DZDV-320-200-225-300-A26



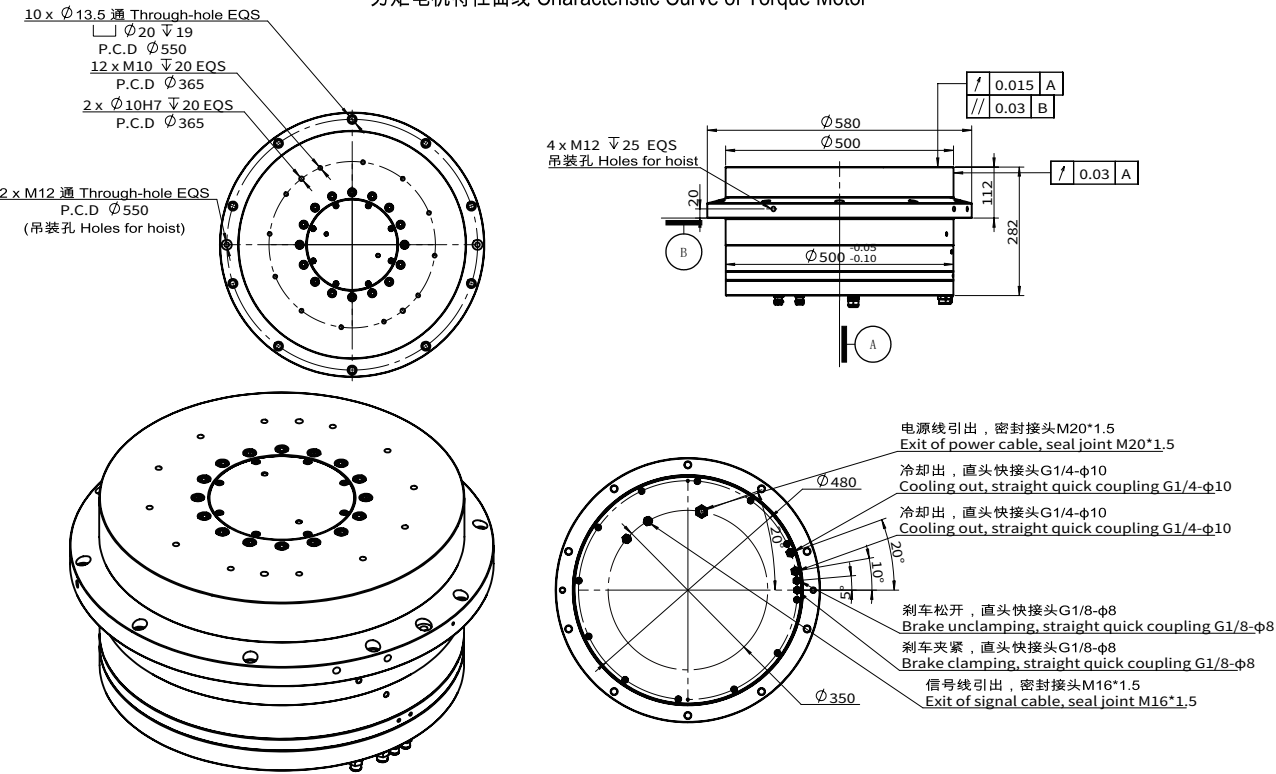
型号	DZDV-320-200-225-300-A26
最高转速	200rpm
最大扭矩	600N.m
最大功率	12KW
最大电流	36A
电机级数	48(2P)
额定转速	100rpm
额定扭矩	300N.m
额定功率	6KW
额定电流	18A
额定电压	220V
编码器类型(协议)	26位(BISS-C协议)
刹车气压	0.55MPa
刹车扭矩	≥235
工作负载容量	≤150Kg
转台净重	100
定位精度	±3 arcsec
重复定位精度	±1 arcsec

Model	DZDV-320-200-225-300-A26
Max speed	200rpm
Max torque	600N.m
Max power	12KW
Max current	36A
Motor pole	48(2P)
Rated speed	100rpm
Rated torque	300N.m
Rated frequency	6KW
Rated current	18A
Rated voltage	220V
Encoder type(Protocol)	26 bit (BISS-C Protocol)
Clamping air pressure	0.55MPa
Clamping torque	≥235
Load capacity	≤150Kg
Weight	100
Positioning accuracy	±3 arcsec
Pepeaing accuracy	±1 arcsec

磨削转台 Grinding rotary table
DZDV-500-700-112.5-400-A26-A



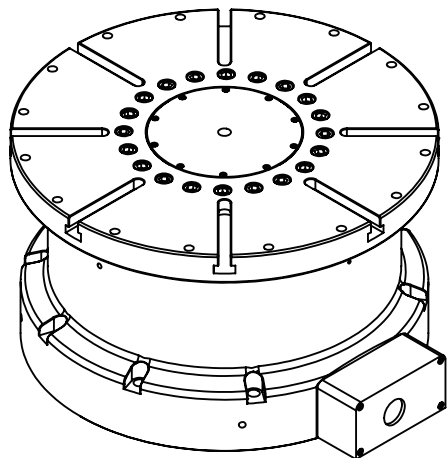
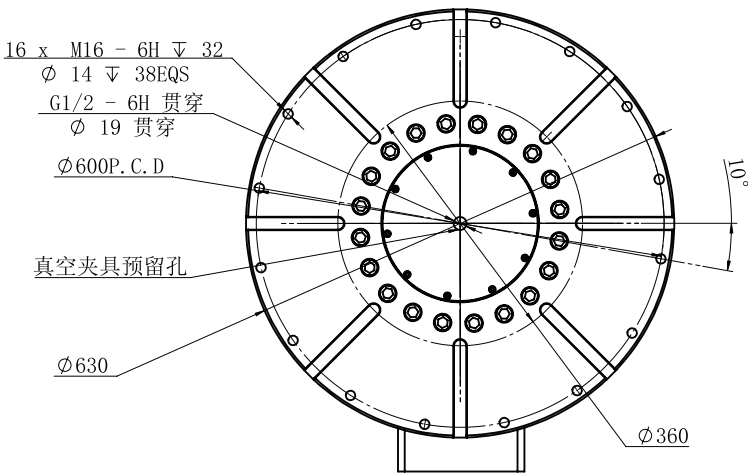
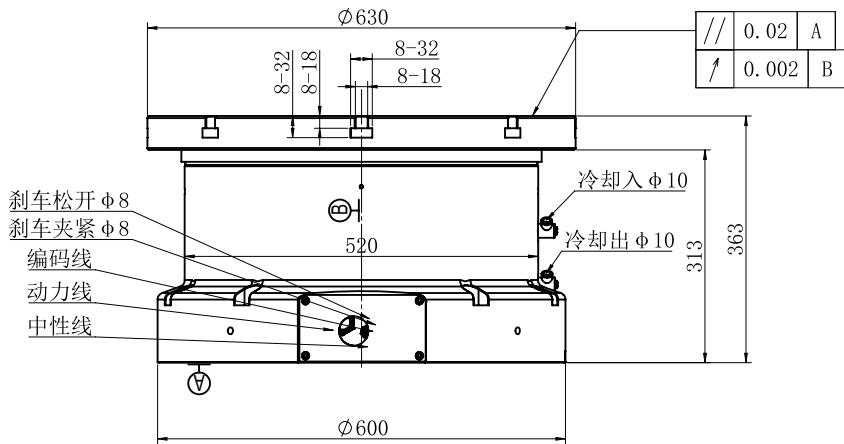
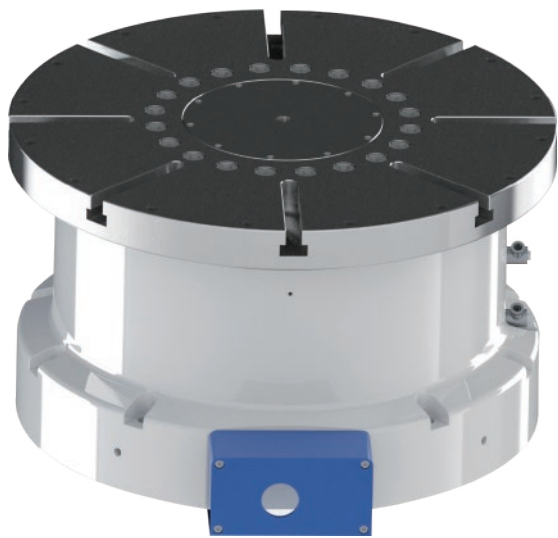
力矩电机特性曲线 Characteristic Curve of Torque Motor



型号	DZDV-500-700-112.5-400-A26-A
盘面直径	500mm
最高转速	1400rpm
最大扭矩	800N.m
最大功率	60KW
最大电流	110A
额定转速	700rpm
额定扭矩	700N.m
额定功率	30KW
额定电流	55A
额定电压	220V
编码器类型(协议)	26位 (BISS-C协议)
刹车气压	0.5-0.6MPa
刹车扭矩	≥1400
工作负载容量	≤200Kg
转台净重	350
定位精度	±10(光栅)/±3(时栅) arcsec
重复定位精度	±2(光栅)/±1(时栅) arcsec

Model	DZDV-500-700-112.5-400-A26-A
Max speed	500mm
Max torque	1400rpm
Max power	800N.m
Max current	60KW
Motor pole	110A
Rated speed	700rpm
Rated torque	700N.m
Rated frequency	30KW
Rated current	55A
Rated voltage	220V
Encoder type(Protocol)	26bit (BiSS-C Protocol)
Clamping air pressure	0.5-0.6MPa
Clamping torque	≥1400
Load capacity	≤200Kg
Weight	350
Positioning accuracy	Grating: ±10 arcsec; Time Grating: ±3 arcsec
Pepeaing accuracy	Grating: ±2 arcsec; Time Grating: ±1 arcsec

磨削转台 Grinding rotary table
DZDV-630-400-365-716.5-A28-H-A



型号	DZDV-630-400-365-716.5-A28-H-A
盘面直径	630mm
最高转速	1000rpm
最大扭矩	1432.6N.m
最大功率	60KW
最大电流	140A
额定转速	400rpm
额定扭矩	716.3N.m
额定功率	30KW
额定电流	70A
额定电压	380V
编码器类型(协议)	26位 (BISS-C协议)
刹车气压	0.5-0.6MPa
刹车扭矩	$\geq 1400N$
工作负载容量	$\leq 500Kg$
转台净重	623kg
定位精度	± 10 (光栅)/ ± 3 (时栅) arcsec
重复定位精度	± 2 (光栅)/ ± 1 (时栅) arcsec

Model	DZDV-630-400-365-716.5-A28-H-A
Max speed	630mm
Max torque	1000rpm
Max power	1432.6N.m
Max current	60KW
Motor pole	140A
Rated speed	400rpm
Rated torque	716.3N.m
Rated frequency	30KW
Rated current	70A
Rated voltage	380V
Encoder type(Protocol)	26bit (BiSS-C Protocol)
Clamping air pressure	0.5-0.6MPa
Clamping torque	$\geq 1400N$
Load capacity	$\leq 500Kg$
Weight	623kg
Positioning accuracy	Grating: ± 10 arcsec; Time Grating: ± 3 arcsec
Pepeaing accuracy	Grating: ± 2 arcsec; Time Grating: ± 1 arcsec

市场布局

Market Layout



 Manufacturing Sites  Sales & Service Locations

Europe

- | | | |
|---|--|--|
|  Barcelona, Spain
MAVILOR MOTORS S.A.U. |  Yverdon-les-Bains, Switzerland
CYBELEC SA |  Lourdes, France
INFRANOR SAS |
|  Hanau, Germany
INFRANOR GERMANY |  Arese (MI), Italy
INFRANOR ITALY |  Barcelona, Spain
INFRANOR SPAIN |
|  Regensdorf, Switzerland
INFRANOR SWITZERLAND |  Lourdes, France
INFRANOR SAS | |

North America

-  Wilmington, MA, USA
INFRANOR USA

ASIA

- | | |
|---|--|
|  Guangzhou, China
Guangzhou Haozhi Industrial Co., Ltd. |  Yueyang, Hunan, China
KLKJ |
|  Shanghai, China
CNCT |  Yueyang, Hunan, China
Hunan Linear Motion |
|  Suzhou, China
Guangzhou Haozhi Industrial Co., Ltd. |  Shanghai, China
IMCT |
|  Bac Ninh Province, Vietnam
Haozhi Industrial (Vietnam) Co., Ltd. | |