

- ◎ 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
- ◎ 液压、磨削主轴系列
Hydrostatic and grinding spindle series
- ◎ 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 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



牙雕电主轴系列

Dental spindle series



www.haozhihs.com

广州总部

☎ 电话: 020-6225 7588 ☎ 传真: 020-6286 8322
✉ 邮箱: sales@haozhihs.com
📍 地址: 广州市黄埔区禾丰路68号

苏州分公司

☎ 电话: 0512-5510 8383 ☎ 传真: 0512-5510 7775
✉ 邮箱: tangzhibin@haozhihs.com
📍 地址: 江苏省昆山市玉山镇城北中路888号

Service hotline:+86-400 618 9083

www.haozhihs.net

📍 Guangzhou headquarters

☎ Tel: +86-20-6225 7588 ✉ E-mail: sales@haozhihs.com
📍 No. 68, Hefeng Road, Huangpu District, Guangzhou, China

📍 Suzhou Branch

☎ Tel: +86-512-5510 8383 ✉ E-mail: tangzhibin@haozhihs.com
📍 No.888, Chengbei Zhong Road, YushanTown, Kunshan
Jiangsu , China



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广州市昊志机电股份有限公司
GUANGZHOU HAOZHI INDUSTRIAL CO.,LTD

高精·高效·高稳定性
昊志机电产品之道
High precision · High efficiency · High stability
The way of HAOZHI industrial products

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300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2023年12月31日，公司及境内子公司合计拥有专利779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。



禾丰厂 Hefeng Factory

Guangzhou HaoZhi Industrial Co., Ltd., founded in 2006 and listed (stock code: 300503) on GEM in 2016, is a national 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, new-energy vehicles field.

HaoZhi Industrial adheres to the development strategy of "relying on independent technological innovation and serving global advanced manufacturing", and gradually develops into one of the largest enterprises in the field of research, production and sales of domestic and foreign spindle specialties. The global market share in the field of electric spindle is the first, and the company is based in the spindle industry, leveraging its accumulation in research and development, manufacturing, customers, brands, and other aspects, Steadily expanding horizontally into the core functional components of high-end equipment such as CNC machine tools and industrial robots. Currently, our products cover PCB drilling machines/forming machines/scoring electromechanical spindles, CNC metal/glass engraving and milling electromechanical spindles, CNC lathe spindles/electric spindles, core lathe electric spindles, straight and belt type mechanical spindles, machining center electric spindles, drilling center electric spindles, high-speed inner/outer cylindrical grinding machine spindles, woodworking engraving and milling electromechanical spindles High gloss and ultra precision machining electric spindles, ultrasonic electric spindles, hydrostatic spindles, milling power heads, end effectors, tool holder chucks, CNC turntables, linear motors, harmonic reducers, CNC systems, servo motors, drivers, sensors, fuel cell compressors, aeration blower fans, direct drive high-speed fans, and dozens of series or hundreds of products.

HaoZhi Industrial has a team of experienced and innovative technology-based talents, with over 300 R&D personnel and 12% of graduate students. It has excellent innovation level, R&D strength, and competitiveness, with an average R&D investment accounting for over 8% of revenue in the past three years. As of December 31, 2023, the company and its domestic subsidiaries have a total of 779 patents. The company has a complete range of high-end laboratories, including physical and chemical laboratories, bearing laboratories, measurement laboratories, motor laboratories, comprehensive performance laboratories, cutting laboratories, linear motor laboratories, reducer laboratories, robot laboratories, running-in testing laboratories, EMC laboratories, reliability laboratories, etc.



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120,000台套/年

World famous production base

Covering an area of 189,000m², capacity: about 120,000 sets per year



汇聚全球顶尖的加工设备
最高加工精度可达0.1μm

Gathers World-class cutting-edge processing equipment

Asia's first fully automated production line,
Machining precision up to 0.1 μm



雄踞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 team, R&D investment in the past three years accounted for more than 8% of sales



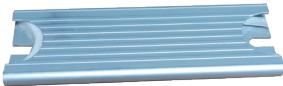
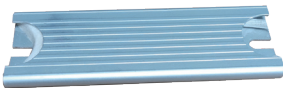
国际一流检测仪器及设备
具备纳米级检测精度

Ultra-precision measuring instrument and inspection equipment

With nanoscale precision

组件配置

Component configuration

变频器 Inverter	电阻 Resistance	电源 Power supply	主轴型号 Spindle model
 ID100-3T005GB	 铝壳电阻 (Aluminum resistor) 115*41*7 60W 40Ω	350W 48V DC 轻切(Light-duty cutting) 500W 48V DC 重切(Heavy-duty cutting)	DGZ-03360/0.25-PG
		500W 60V	DGZ-03380/0.5-MG
			DGZ-03380/0.5-PG
		800w 60V	DGZX-04560/0.75A10-PG
 DiB-0.75-2S 220V 750kW	 铝壳电阻 (Aluminum resistor) 115*41*7 60W 40Ω	220v AC	DGZX-04560/0.5A6-PGM
 DiA-2.2-2S 220V 2200KW	 铝壳电阻21 (Aluminum resistor21) 100W,200Ω	220v AC	DGZ-06260/1.2A1-PW
			DGZ-06260/1.2A2-PW
			DGZ-06260/2.25A1-PWM

主轴概述

Spindle overview

主轴类型 Spindle type	直径 Diameter	最高转速 Max. Speed	功率输出S6 Power output S6	扭矩S6 Torque S6	刀柄接口 Tool interface	页码 page
DGZ-03360/0.25-PG	Φ33mm	60,000rpm	0.375kW	0.06N.m	DB121直柄夹头 DB121 Draw-in collet	09-10
DGZ-03380/0.5-PG	Φ33mm	80,000rpm	0.54kW	0.12N.m	DB121直柄夹头 DB121 Draw-in collet	11-12
DGZ-03380/0.5-MG	Φ33mm	80,000rpm	0.25kW/0.45kW	0.06N.m/0.12N.m	B049直柄夹头 B049 Draw-in collet	13-14
DGZX-04560/0.5A6-PGM	Φ45mm	60,000rpm	0.75kW	0.12N.m	DB121直柄夹头 DB121 Draw-in collet	15-16
DGZX-04560/0.75A10-PG	Φ45mm	60,000rpm	0.75kW	0.12N.m	DB121直柄夹头 DB121 Draw-in collet	17-18
DGZ-06260/1.2A1-PW	Φ61.92mm	60,000rpm	1.2kW	0.19N.m	B067直柄夹头 B067 Draw-in collet	19-20
DGZ-06260/1.2A2-PW	Φ61.92mm	60,000rpm	1.2kW	0.19N.m	B067直柄夹头 B067 Draw-in collet	21-22
DGZ-06260/2.25A1-PWM	Φ61.92mm	60,000rpm	2.25kW	0.36N.m	B067直柄夹头 B067 Draw-in collet	23-24

牙雕电主轴系列

Dental carving motorized spindle series

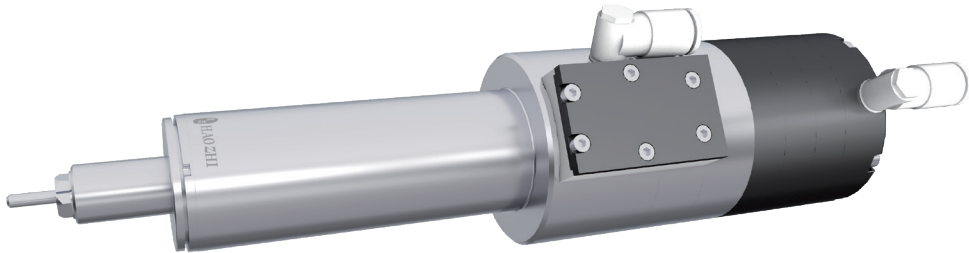
主要用于义齿成形
It is mainly used tor denture forming



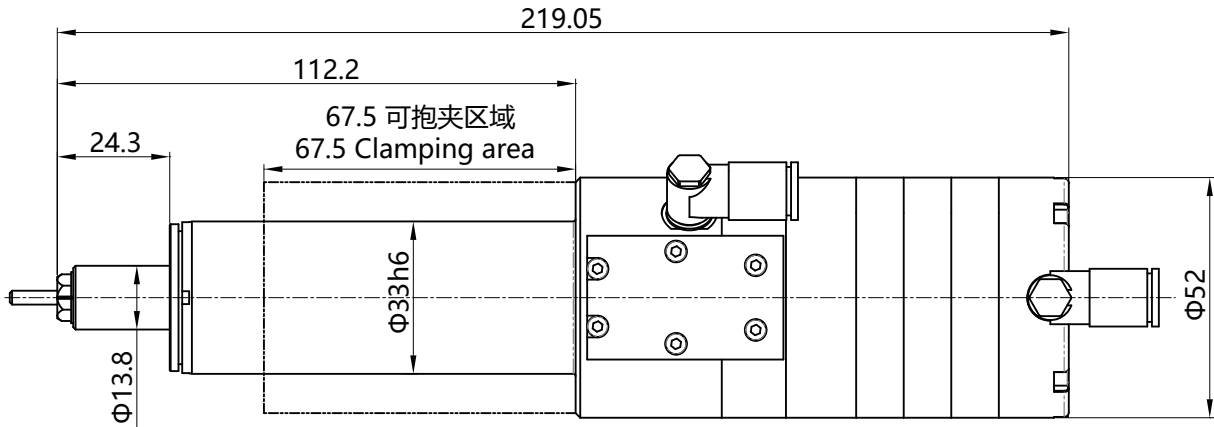
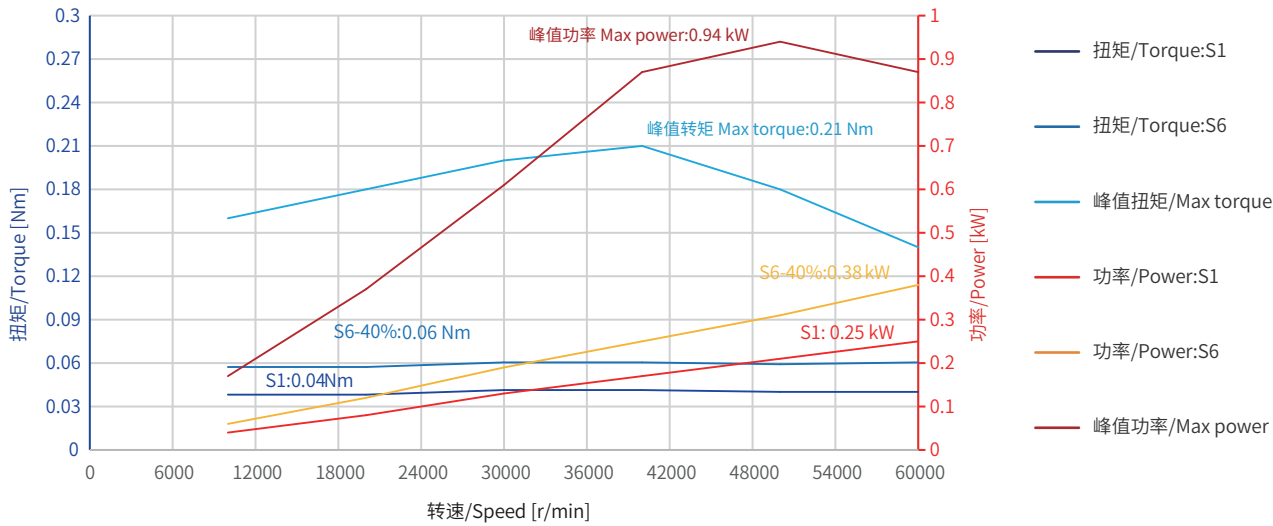
主要性能特点 Main Features

高精度 主轴静态跳动0.002mm，锥孔跳动0.001mm，加工时主轴动态精度稳定性高，有效保证工件尺寸稳定、一致性好。	High precision The static runout of the main shaft is 0.002mm, and the runout of the taper hole is 0.001mm. The main shaft features high dynamic precision stability during processing, which effectively ensuring the stability and consistency of the workpiece size.
高转速 主轴最高转速达80000rpm，加工时材料切除率显著提高，保障加工效率。	High speed The maximum speed of the main shaft reaches 80,000rpm, the material removal rate during processing is significantly improved, which ensuring the processing efficiency.
高光洁度 表面加工效果出色，无明显刀纹。	High finish Excellent surface processing effect, without obvious cutting marks.
超长鼻端 轻松解决传统主轴义齿凹槽难加工，易断刀等问题。	Ultra-long nose end Easily resolve the traditional issues such as main shaft denture groove processing difficulty and cutter break-off .
低温升 特有的低压电机设计，将发热量降至最低，外加强制循环高效冷却，双重技术显著降低主轴温升(较国外竞品低2℃)。	Low temperature rise the unique low-voltage motor design minimizes the heat generation, with the addition of forced circulation high efficiency cooling, the dual technology significantly reduce the main shaft temperature rise (2℃ lower than foreign competitors).
配套的高性能变频器 变频器采用低压驱动技术，体积比通用变频器少80%，可用多种控制方式，为客户定制高性价比的应用方案。	High-performance frequency converter The frequency converter adopts low-voltage drive technology, the volume is 80% smaller than that of general-purpose frequency converters. The various control methods are available to customize cost-effective application solutions for customers.
低振动特性 采用一体式轴芯结构，彻底降低主轴振动（在最高转速下我司振动≤1.5mm/s，竞品2.0mm/s（OP）），提升轴系稳定性，降低主轴异常。	Low-vibration characteristics The integrated shaft core structure is adopted to completely reduce the vibration of the main shaft (vibration of our equipment is ≤1.5mm/s at the highest speed, but that of the competitive product is 2.0mm/s (OP)), which improve the stability of the shaft system and reduce the abnormality of the main shaft.
密封可靠 主轴前端采用飞盘结构，有效防止切屑进入主轴污染轴承，可应对复杂恶劣工况。	Reliable sealing The front end of the main shaft adopts a flying disc structure, which can effectively prevent chips from entering the main shaft and contaminating the bearing, and cope with complex and harsh working conditions.

产品规格
Product Specification
DGZ-03360/0.25-PG

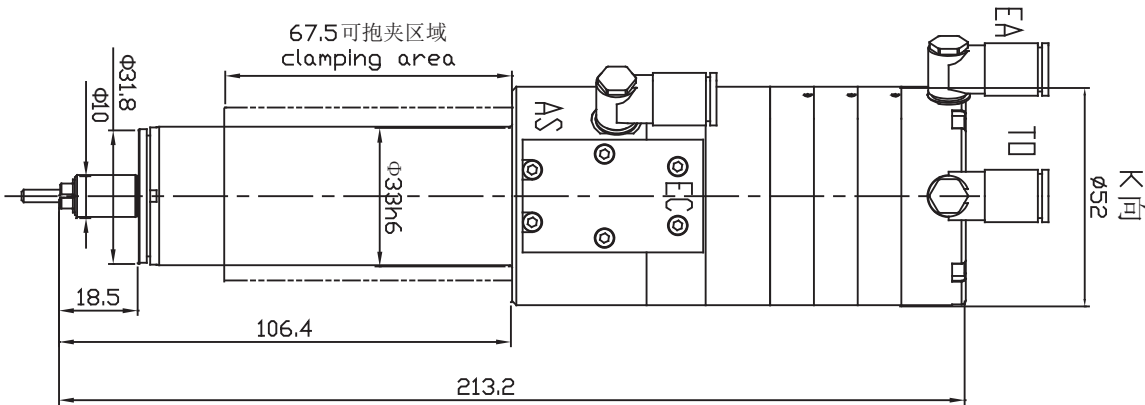
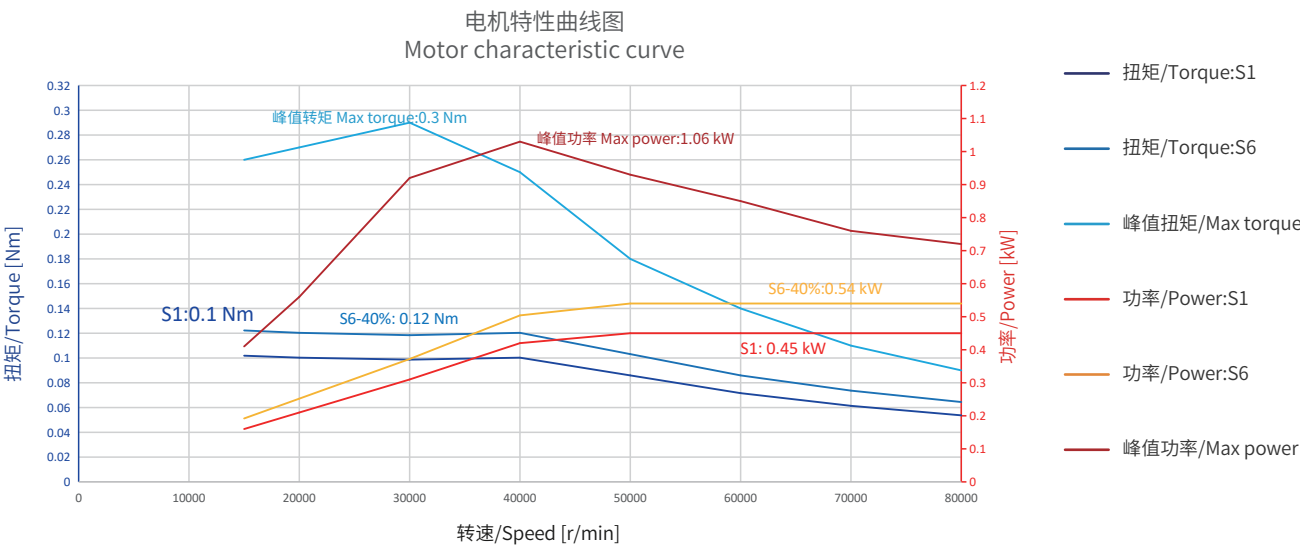
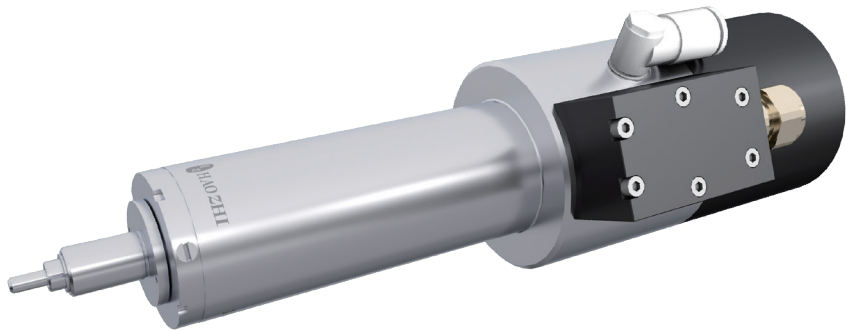


电机特性曲线图
Motor characteristic curve



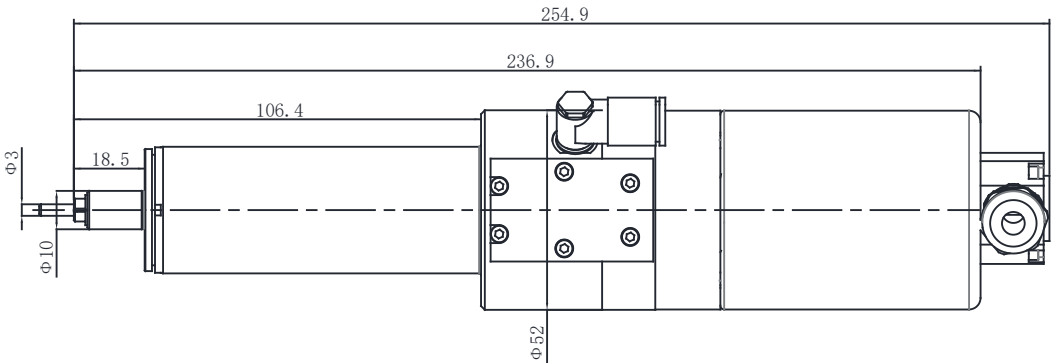
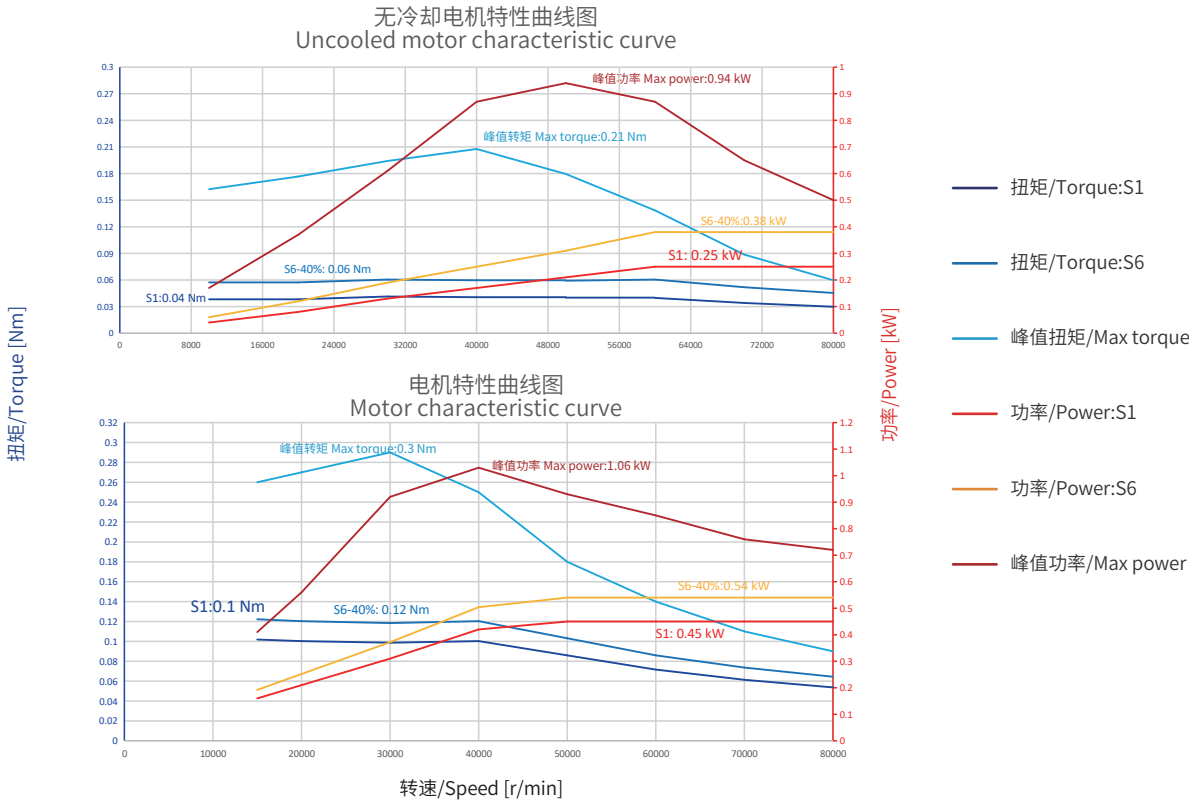
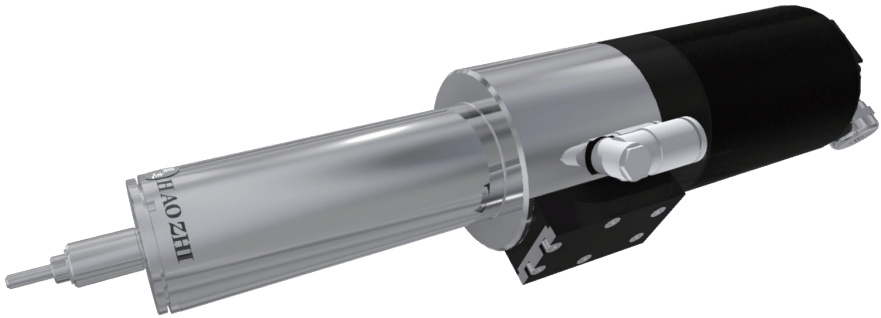
主轴型号	DGZ-03360/0.25-PG	Spindle model	DGZ-03360/0.25-PG
直径	Φ33mm	Diameter	Φ33mm
最高转速	60,000rpm	The highest speed	60,000rpm
刀柄型号	DB121直柄夹头	Tool interface	DB121 Draw-in collet
轴承类型	陶瓷球轴承	Bearing type	Ceramic ball bearing
最大频率	1,000Hz	Max. Frequency	1,000Hz
电机类型	异步	Motor system	Asynchronous
额定电压	60V	The rated voltage	60V
输出功率S1 100%	0.25kW	Power output S1 100%	0.25kW
输出功率S6 40%	0.375kW	Power output S6 40%	0.375kW
输出扭矩S1 100%	0.041N.m	Output torque S1 100%	0.041N.m
输出扭矩S6 40%	0.06N.m	Output torque S6 40%	0.06N.m
额定电流S1 100%	4.1A	Rated current S1 100%	4.1A
额定电流S6 40%	6.15A	Rated current S6 40%	6.15A
气封气流量	28-32L/min (气压0.02-0.05MPa)	Air seal gas flow rate	28-32L/min (Air pressure 0.02-0.05MPa)
冷却方式	气冷	Cooling system	Air cooling
冷却流量	28-32L/min	The cooling flow rate	28-32L/min
电机温度传感器类型	KTY	Motor temperature sensor type	KTY
换刀方式	气缸	Tool change	Cylinder
换刀气压	0.56-0.60MPa	Tool change air pressure	0.56-0.60MPa
振动速度	1.0mm/s	Vibration velocity	1.0mm/s
是否导通	不导通	Electrified feature	None
重量	1.6kg	Weight	1.6kg
变频器	ID100-3T005GB	Driver	ID100-3T005GB
刹车电阻	铝壳电阻 115*41*7 40Ω 60W	Brake resistor	Aluminum resistor 115*41*7 40Ω 60W
直流电源	350W 48V(轻切)	DC Power supply	350W 48V(Light-duty cutting)
	500W 48V(重切)		500W 48V(Heavy-duty cutting)

产品规格
Product Specification
DGZ-03380/0.5-PG



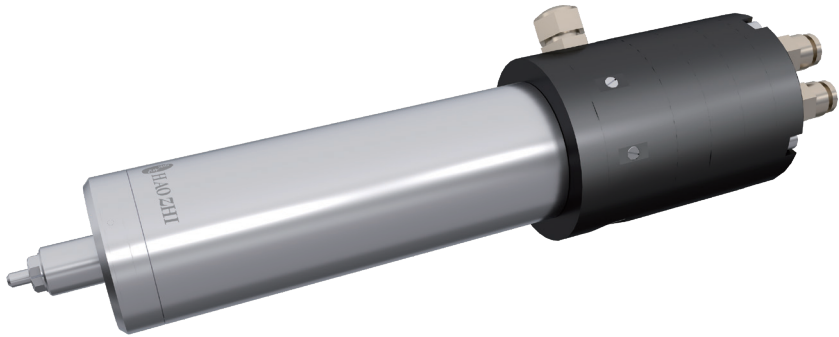
主轴型号	DGZ-03380/0.5-PG	Spindle model	DGZ-03380/0.5-PG
直径	$\phi 33\text{mm}$	Diameter	$\phi 33\text{mm}$
最高转速	80,000rpm	The highest speed	80,000rpm
刀柄型号	BD121直柄夹头	Tool interface	DB121 Draw-in collet
轴承类型	陶瓷球轴承	Bearing type	Ceramic ball bearing
最大频率	1,000Hz	Max. Frequency	1,000Hz
电机类型	异步	Motor system	Asynchronous
额定电压	60V	The rated voltage	60V
输出功率S1 100%	0.45kW	Power output S1 100%	0.45kW
输出功率S6 40%	0.54kW	Power output S6 40%	0.54kW
输出扭矩S1 100%	0.1N.m	Output torque S1 100%	0.1N.m
输出扭矩S6 40%	0.12N.m	Output torque S6 40%	0.12N.m
额定电流S1 100%	6.7A	Rated current S1 100%	6.7A
额定电流S6 40%	8.0A	Rated current S6 40%	8.0A
气封气流量	26L/min (气压0.02-0.05MPa)	Air seal gas flow rate	26L/min (Air pressure 0.02-0.05MPa)
冷却方式	气冷	Cooling system	Air cooling
冷却流量	28-30L/min	The cooling flow rate	28-30L/min
电机温度传感器类型	KTY	Motor temperature sensor type	KTY
换刀方式	气缸	Tool change	Cylinder
换刀电压	24V	Tool change voltage	24V
振动速度	1.0mm/s	Vibration velocity	1.0mm/s
是否导通	不导通	Electrified feature	None
重量	2.1kg	Weight	2.1kg
变频器	ID100-3T005GB	Driver	ID100-3T005GB
刹车电阻	铝壳电阻 115*41*7 40 Ω 60W	Brake resistor	Aluminum resistor 115*41*7 40 Ω 60W
直流电源	500W 60V	DC Power supply	500W 60V

产品规格
Product Specification
DGZ-03380/0.5-MG

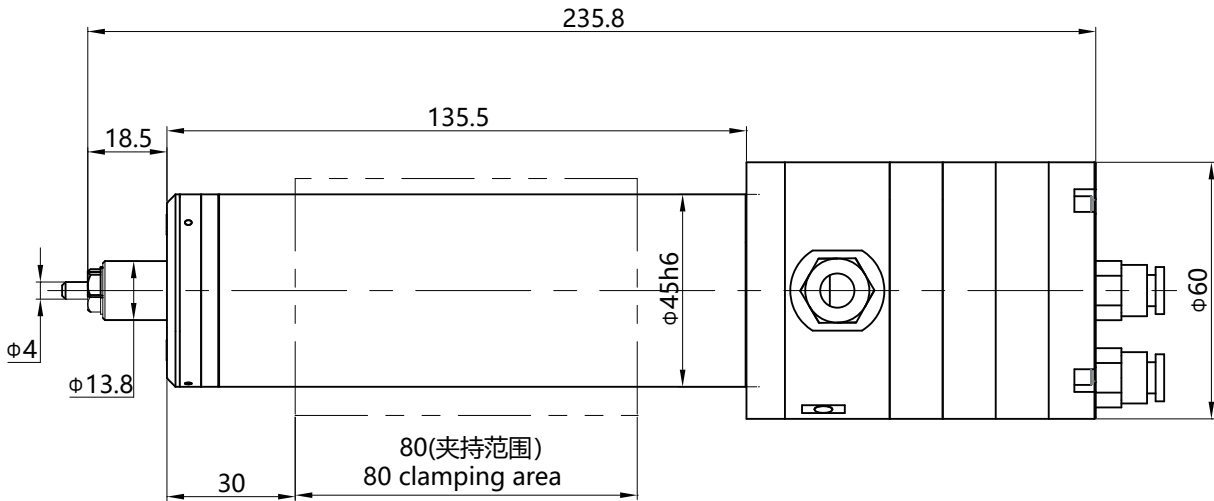
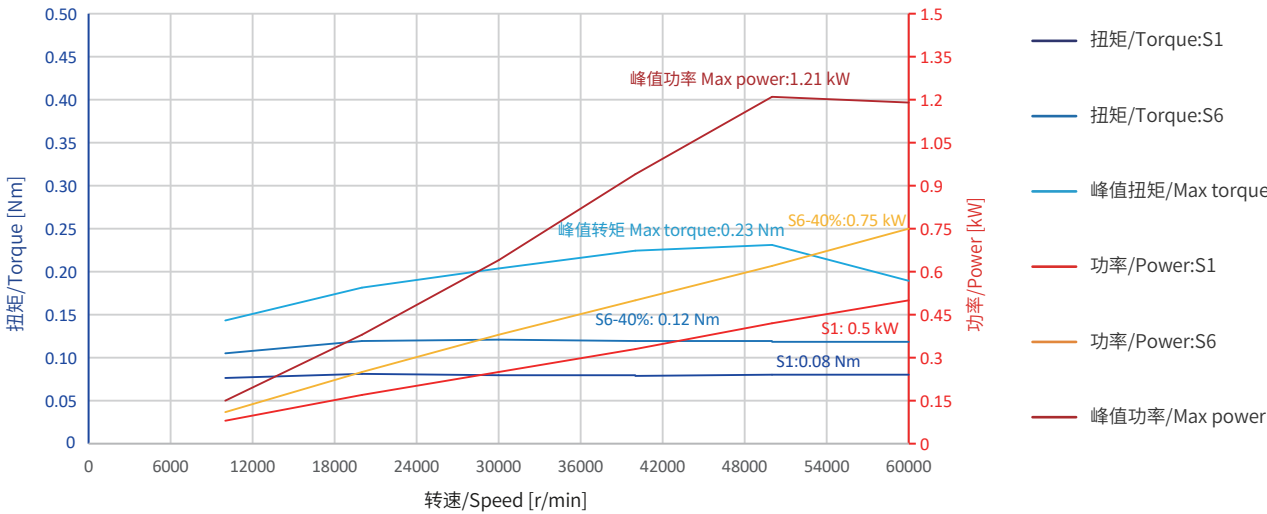


主轴型号	DGZ-03380/0.5-MG		Spindle model	DGZ-03380/0.5-MG	
直径	Φ33mm		Diameter	Φ33mm	
最高转速	80,000rpm		The highest speed	80,000rpm	
刀柄型号	B049直柄夹头		Tool interface	B049 Draw-in collet	
轴承类型	陶瓷球轴承		Bearing type	Ceramic ball bearing	
最大频率	1,334Hz		Max. Frequency	1,334Hz	
电机类型	异步		Motor system	Asynchronous	
额定电压	60V		The rated voltage	60V	
冷却方式	/	气冷	Cooling system	/	Air cooling
输出功率S1 100%	0.25kW	0.45kW	Power output S1 100%	0.25kW	0.45kW
输出功率S6 40%	0.375kW	0.54kW	Power output S6 40%	0.375kW	0.54kW
输出扭矩S1 100%	0.041N.m	0.1N.m	Output torque S1 100%	0.041N.m	0.1N.m
输出扭矩S6 40%	0.06N.m	0.12N.m	Output torque S6 40%	0.06N.m	0.12N.m
额定电流S1 100%	4.1A	6.7A	Rated current S1 100%	4.1A	6.7A
额定电流S6 40%	6.15A	8.0A	Rated current S6 40%	6.15A	8.0A
气封气流量	/	26L/min (0.02-0.05MPa)	Air seal gas flow rate	/	26L/min (0.02-0.05MPa)
电机温度传感器类型	KTY		Motor temperature sensor type	KTY	
换刀方式	电缸		Tool change	Electrical	
换刀气压	/	0.56-0.60MPa	Tool change air pressure	/	0.56-0.60MPa
振动速度	1.5mm/s		Vibration velocity	1.5mm/s	
导通功能	不导通		ESD feature	None	
重量	1.6kg		Weight	1.6kg	
变频器	ID100-3T005GB		Driver	ID100-3T005GB	
刹车电阻	铝壳电阻 115*41*7 40Ω 60W		Brake resistor	Aluminum resistor 115*41*7 40Ω 60W	
直流电源	500W 60V		DC Power supply	500W 60V	

产品规格
Product Specification
DGZX-04560/0.5A6-PGM

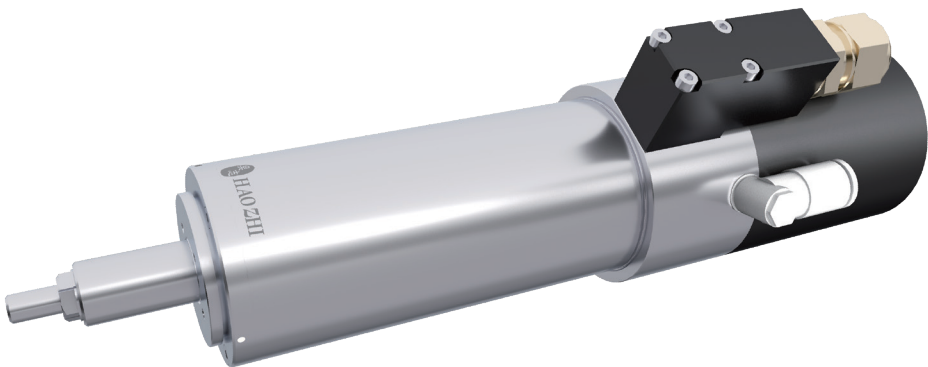


电机特性曲线图
Motor characteristic curve

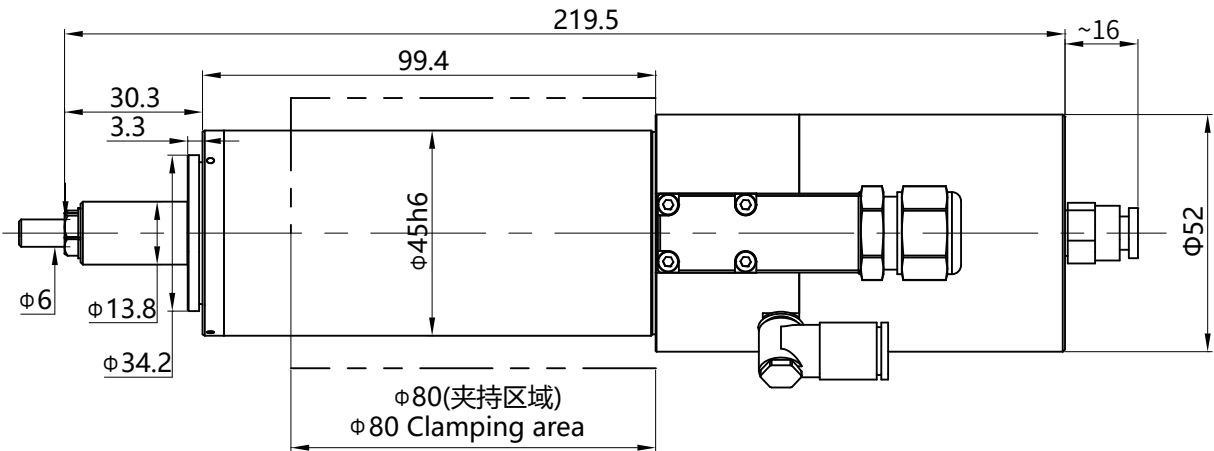
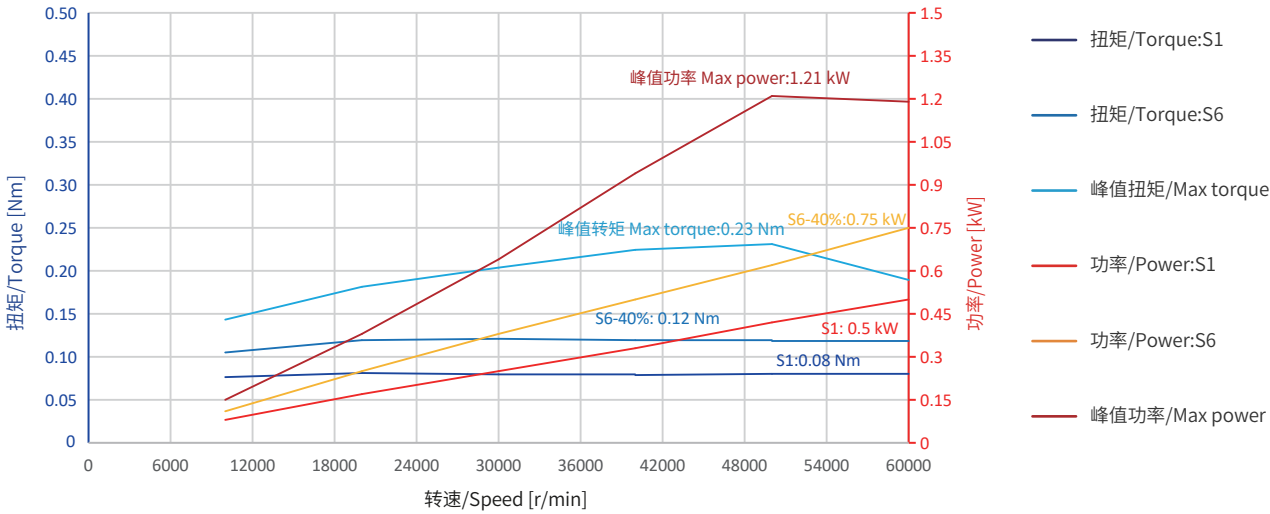


主轴型号	DGZX-04560/0.5A6-PGM	Spindle model	DGZX-04560/0.5A6-PGM
直径	Φ45mm	Diameter	Φ45mm
最高转速	60,000rpm	The highest speed	60,000rpm
刀柄型号	DB121直柄夹头	Tool interface	DB121 Draw-in collet
轴承类型	陶瓷球轴承	Bearing type	Ceramic ball bearing
最大频率	1,000Hz	Max. Frequency	1,000Hz
电机类型	异步	Motor system	Asynchronous
额定电压	220V	The rated voltage	220V
输出功率S1 100%	0.5kW	Power output S1 100%	0.5kW
输出功率S6 40%	0.75kW	Power output S6 40%	0.75kW
输出扭矩S1 100%	0.08N.m	Output torque S1 100%	0.08N.m
输出扭矩S6 40%	0.12N.m	Output torque S6 40%	0.12N.m
额定电流S1 100%	1.8A	Rated current S1 100%	1.8A
额定电流S6 40%	2.7A	Rated current S6 40%	2.7A
气封气流量	45-65L/min (气压0.25MPa)	Air seal gas flow rate	45-65L/min(Air pressure 0.25MPa)
冷却方式	气冷	Cooling system	Air cooling
冷却流量	≥76L/min	The cooling flow rate	≥76L/min
电机温度传感器类型	KTY	Motor temperature sensor type	KTY
换刀方式	气缸	Tool change	Cylinder
换刀气压	0.56-0.60MPa	Tool change Air Pressure	0.56-0.60MPa
振动速度	1.0mm/s	Vibration velocity	1.0mm/s
是否导通	不导通	Electrified feature	None
重量	2.3kg	Weight	2.3kg
变频器	DiB-0.75-2S	Driver	DiB-0.75-2S
刹车电阻	铝壳电阻 115*41*7	Brake resistor	Aluminum resistor 115*41*7
交流电源	220V	AC power supply	220V

产品规格
Product Specification
DGZX-04560/0.75A10-PG



电机特性曲线图
Motor characteristic curve

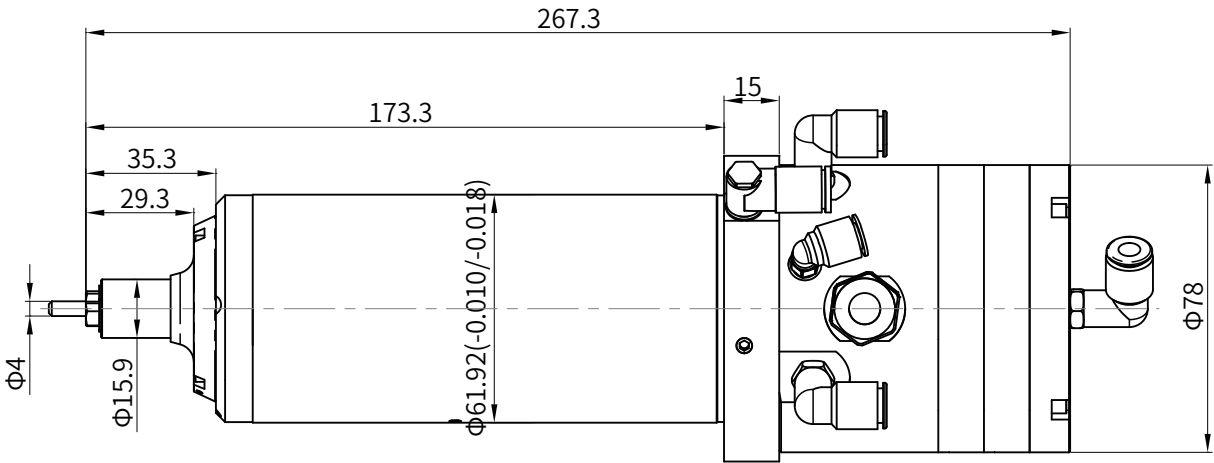
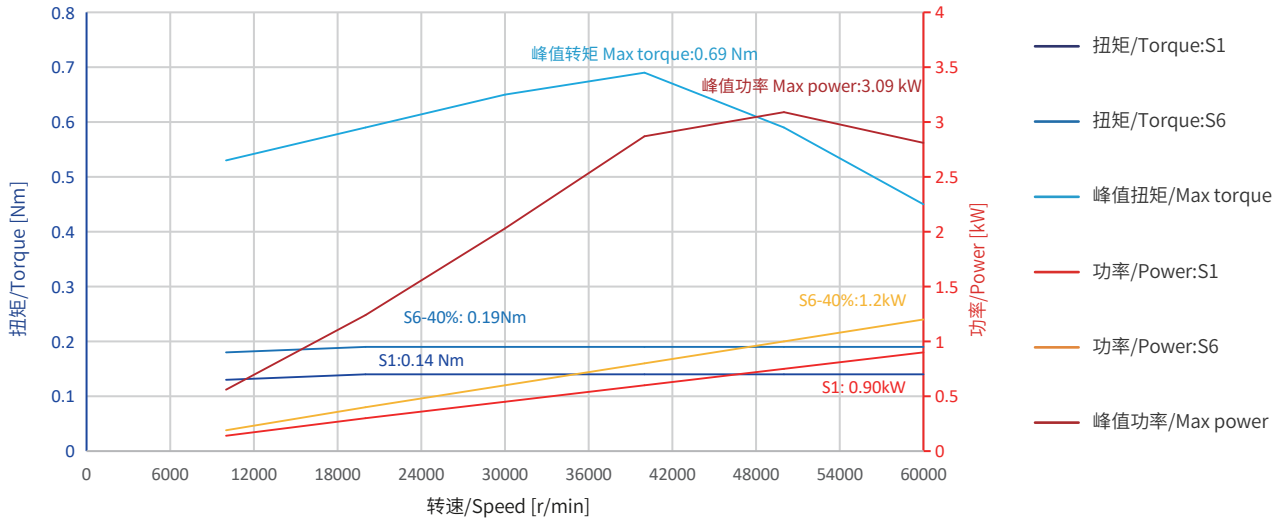


主轴型号	DGZX-04560/0.75A10-PG	Spindle model	DGZX-04560/0.75A10-PG
直径	Φ45mm	Diameter	Φ45mm
最高转速	60,000rpm	The highest speed	60,000rpm
刀柄型号	DB121直柄夹头	Tool interface	DB121 Draw-in collet
轴承类型	陶瓷球轴承	Bearing type	Ceramic ball bearing
最大频率	1,000Hz	Max. Frequency	1,000Hz
电机类型	异步	Motor system	Asynchronous
额定电压	60V	The rated voltage	60V
输出功率S1 100%	0.5kW	Power output S1 100%	0.5kW
输出功率S6 40%	0.75kW	Power output S6 40%	0.75kW
输出扭矩S1 100%	0.08N.m	Output torque S1 100%	0.08N.m
输出扭矩S6 40%	0.12N.m	Output torque S6 40%	0.12N.m
额定电流S1 100%	6.4A	Rated current S1 100%	6.4A
额定电流S6 40%	9.6A	Rated current S6 40%	9.6A
气封气流量	50L/min（气压0.10-0.15MPa）	Air seal gas flow rate	50L/min(Air pressure 0.10-0.15MPa)
冷却方式	气冷	Cooling system	Air cooling
冷却流量	50L/min	The cooling flow rate	50L/min
电机温度传感器类型	KTY	Motor temperature sensor type	KTY
换刀方式	气缸	Tool change	Cylinder
换刀气压	0.56-0.60MPa	Tool change air pressure	0.56-0.60MPa
振动速度	1.0mm/s	Vibration velocity	1.0mm/s
是否导通	不导通	Electrified feature	None
重量	2.0kg	Weight	2.0kg
变频器	ID100-3T005GB	Driver	ID100-3T005GB
刹车电阻	铝壳电阻 115*41*7 40Ω 60W	Brake resistor	Aluminum resistor 115*41*7 40Ω 60W
直流电源	800W 60V	DC Power supply	800W 60V

产品规格
Product Specification
DGZ-06260/1.2A1-PW



电机特性曲线图
Motor characteristic curve

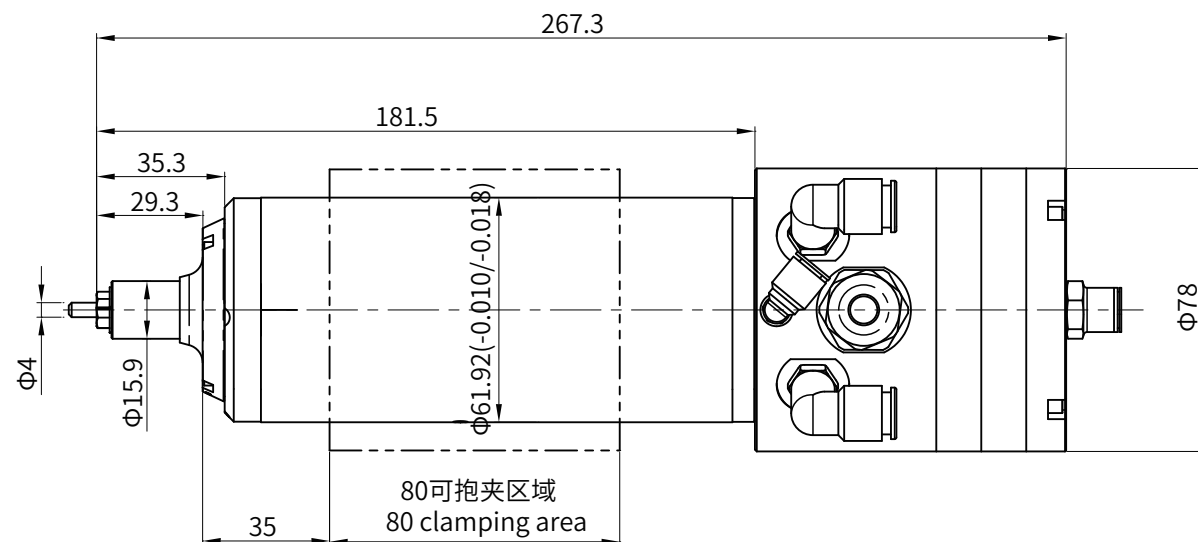
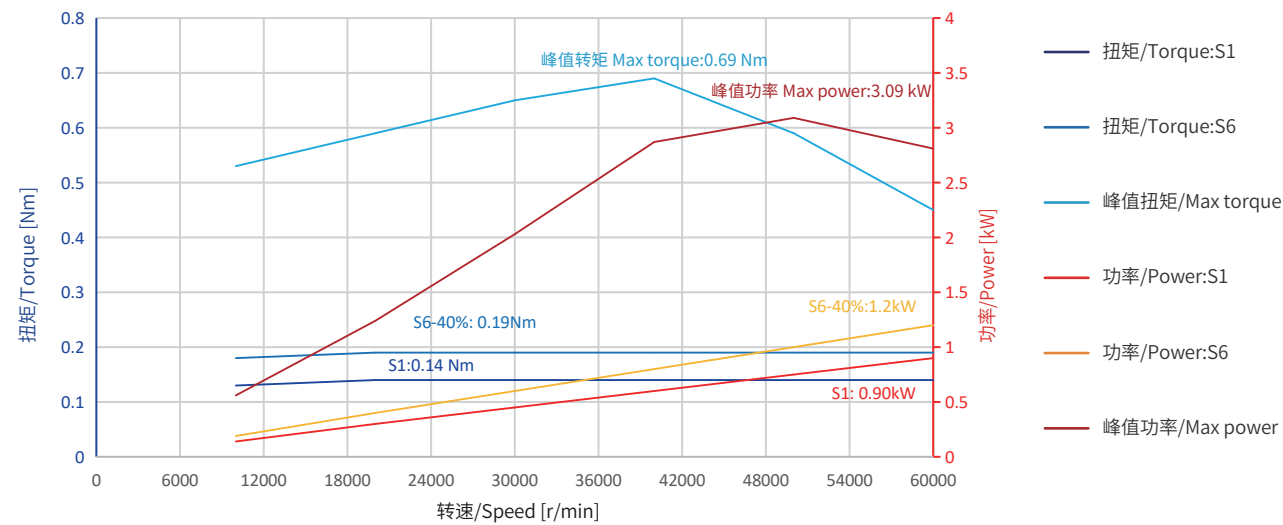


主轴型号	DGZ-06260/1.2A1-PW	Spindle model	DGZ-06260/1.2A1-PW
直径	Φ61.92mm	Diameter	Φ61.92mm
最高转速	60,000rpm	The highest speed	60,000rpm
刀柄型号	B067直柄夹头	Tool interface	B067 Draw-in collet
轴承类型	陶瓷球轴承	Bearing type	Ceramic ball bearing
最大频率	1,000Hz	Max. Frequency	1,000Hz
电机类型	异步	Motor system	Asynchronous
额定电压	200V	The rated voltage	200V
输出功率S1 100%	0.9kW	Power output S1 100%	0.9kW
输出功率S6 40%	1.2kW	Power output S6 40%	1.2kW
输出扭矩S1 100%	0.15N.m	Output torque S1 100%	0.15N.m
输出扭矩S6 40%	0.19N.m	Output torque S6 40%	0.19N.m
额定电流S1 100%	3.5A	Rated current S1 100%	3.5A
额定电流S6 40%	4.2A	Rated current S6 40%	4.2A
气封气流量	50-70L/min (气压0.25MPa)	Air seal gas flow rate	50-70L/min(Air pressure 0.25MPa)
冷却方式	水冷	Cooling system	Water cooling
冷却流量	≥1.6L/min	The cooling flow rate	≥1.6L/min
电机温度传感器类型	PTC	Motor temperature sensor type	PTC
换刀方式	气缸	Tool change	Cylinder
换刀气压	0.56-0.60MPa	Tool change air pressure	0.56-0.60MPa
振动速度	0.8mm/s	Vibration velocity	0.8mm/s
安装方式	法兰安装	Mounting type	Flange
是否导通	不导通	Electrified feature	None
主轴前端环喷喷水	是	Front water spray (Tooling cleaning)	Yes
重量	4.3kg	Weight	4.3kg
变频器	DiA-2.2-2S	Driver	DiA-2.2-2S
刹车电阻	铝壳电阻21 100W,200Ω	Brake resistor	Aluminum resistor 21 100W,200Ω
交流电源	220V	AC Power supply	220V

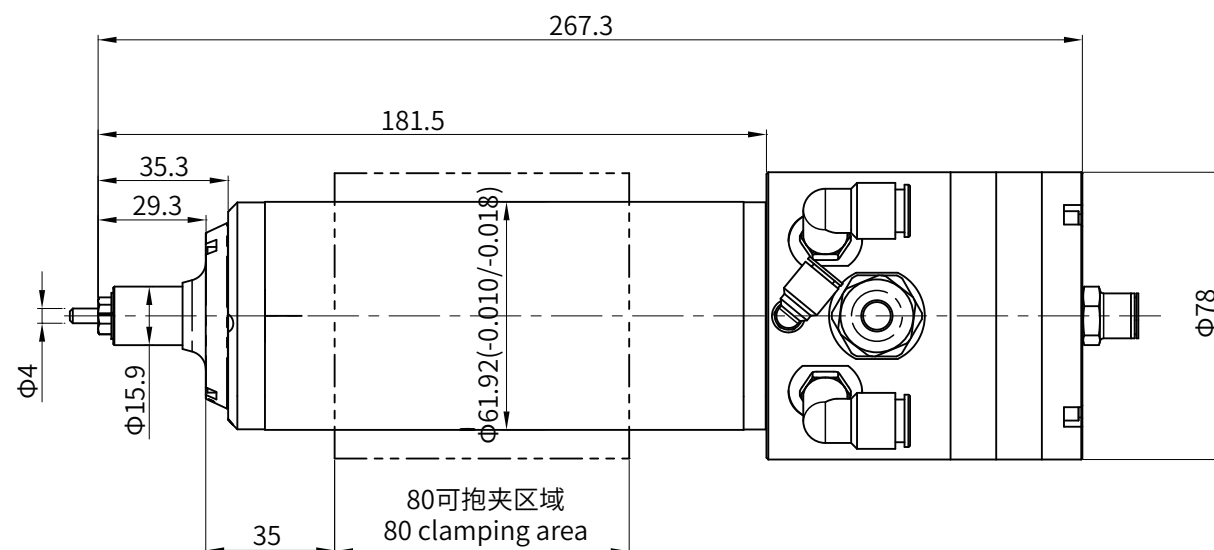
产品规格
Product Specification
DGZ-06260/1.2A2-PW



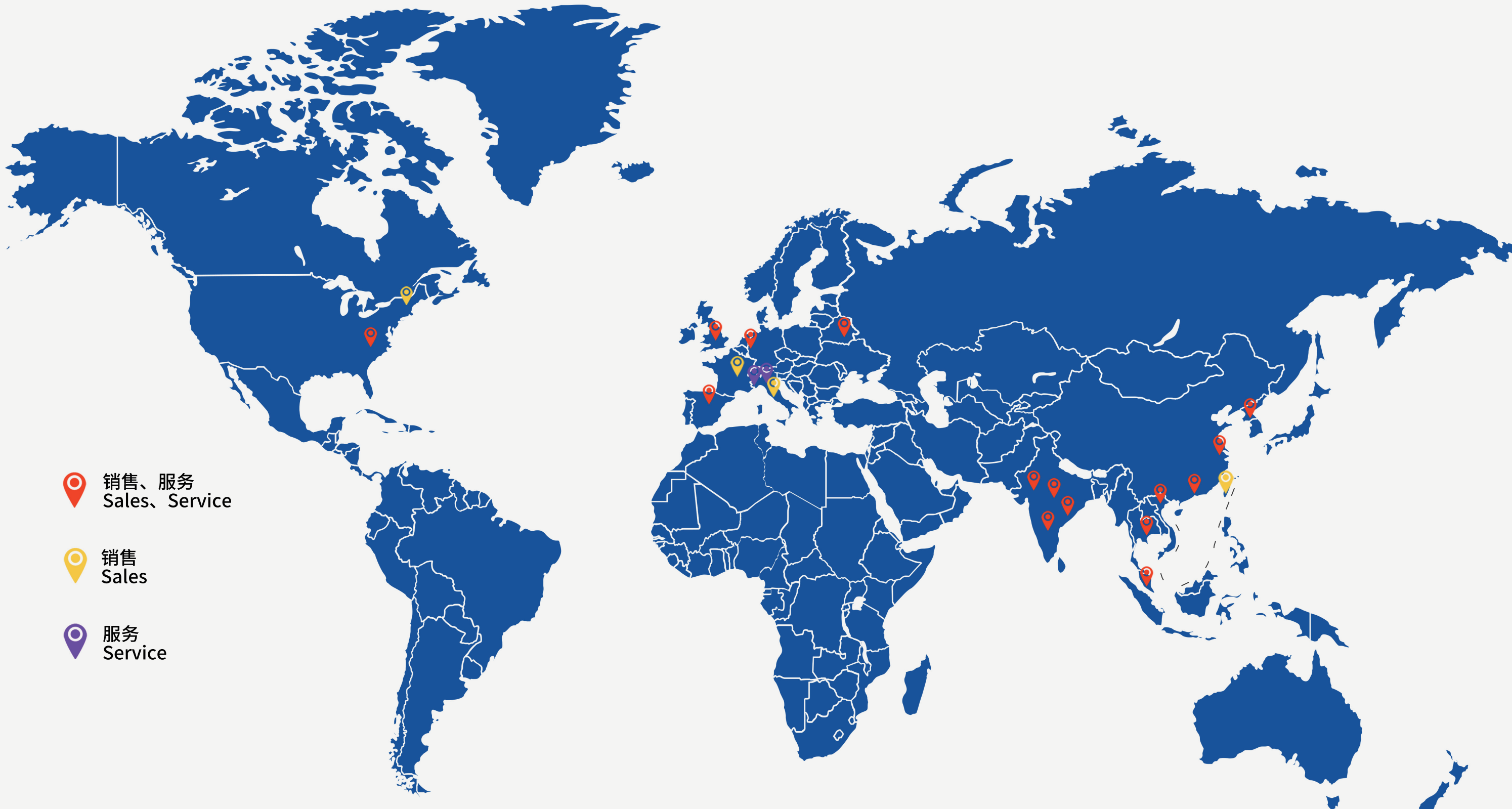
电机特性曲线图
Motor characteristic curve



主轴型号	DGZ-06260/1.2A2-PW	Spindle model	DGZ-06260/1.2A2-PW
直径	Φ61.92mm	Diameter	Φ61.92mm
最高转速	60,000rpm	The highest speed	60,000rpm
刀柄型号	B067直柄夹头	Tool interface	B067 Draw-in collet
轴承类型	陶瓷球轴承	Bearing type	Ceramic ball bearing
最大频率	1,000Hz	Max. Frequency	1,000Hz
电机类型	异步	Motor system	Asynchronous
额定电压	200V	The rated voltage	200V
输出功率S1 100%	0.9kW	Power output S1 100%	0.9kW
输出功率S6 40%	1.2kW	Power output S6 40%	1.2kW
输出扭矩S1 100%	0.15N.m	Output torque S1 100%	0.15N.m
输出扭矩S6 40%	0.19N.m	Output torque S6 40%	0.19N.m
额定电流S1 100%	3.5A	Rated current S1 100%	3.5A
额定电流S6 40%	4.2A	Rated current S6 40%	4.2A
气封气流量	50-70L/min（气压0.25MPa）	Air seal gas flow rate	50-70L/min(Air pressure 0.25MPa)
冷却方式	水冷	Cooling system	Water cooling
冷却流量	≥1.6L/min	The cooling flow rate	≥1.6L/min
电机温度传感器类型	PTC	Motor temperature sensor type	PTC
换刀方式	气缸	Tool change	Cylinder
换刀气压	0.56-0.60MPa	Tool change air pressure	0.56-0.60MPa
振动速度	1.0mm/s	Vibration velocity	1.0mm/s
是否导通	不导通	Electrified feature	None
重量	4.1kg	Weight	4.1kg
变频器	DiA-2.2-2S	Driver	DiA-2.2-2S
刹车电阻	铝壳电阻21 100W,200Ω	Brake resistor	Aluminum resistor 21 100W,200Ω
交流电源	220V	AC Power supply	220V



主轴型号	DGZ-06260/2.25A1-PWM	Spindle model	DGZ-06260/2.25A1-PWM
直径	Φ61.92mm	Diameter	Φ61.92mm
最高转速	60,000rpm	The highest speed	60,000rpm
刀柄型号	B067直柄夹头	Tool interface	B067 Draw-in collet
轴承类型	陶瓷球轴承	Bearing type	Ceramic ball bearing
最大频率	1,000Hz	Max. Frequency	1,000Hz
电机类型	异步	Motor system	Asynchronous
额定电压	220V	The rated voltage	220V
输出功率S1 100%	1.5kW	Power output S1 100%	1.5kW
输出功率S6 40%	2.25kW	Power output S6 40%	2.25kW
输出扭矩S1 100%	0.24N.m	Output torque S1 100%	0.24N.m
输出扭矩S6 40%	0.36N.m	Output torque S6 40%	0.36N.m
额定电流S1 100%	4.8A	Rated current S1 100%	4.8A
额定电流S6 40%	7.2A	Rated current S6 40%	7.2A
气封气流量	50-70L/min（气压0.25MPa）	Air seal gas flow rate	50-70L/min(Air pressure 0.25MPa)
冷却方式	水冷	Cooling system	Water cooling
冷却流量	≥1.6L/min	The cooling flow rate	≥1.6L/min
电机温度传感器类型	KTY	Motor temperature sensor type	KTY
换刀方式	气缸	Tool change	Cylinder
换刀气压	0.56-0.60MPa	Tool change air pressure	0.56-0.60MPa
振动速度	1.0mm/s	Vibration velocity	1.0mm/s
是否导通	不导通	Electrified feature	None
重量	4.1kg	Weight	4.1kg
变频器	DiA-2.2-2S	Driver	DiA-2.2-2S
刹车电阻	铝壳电阻21 100W,200Ω	Brake resistor	Aluminum resistor 21 100W,200Ω
交流电源	220V	AC Power supply	220V



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为客户带去超值·为股东创造所值
为员工体现价值·为社会营造增值

Deliver Extra Value To Customers.
Create Lucrative Value For Shareholders.
Help Employees Realize Their Values.
Bring Added- Value To Society.