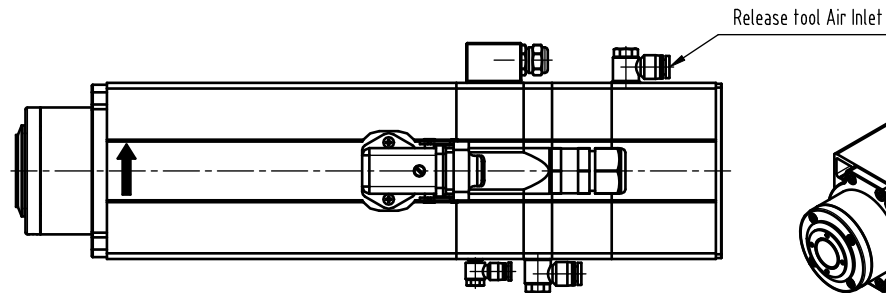
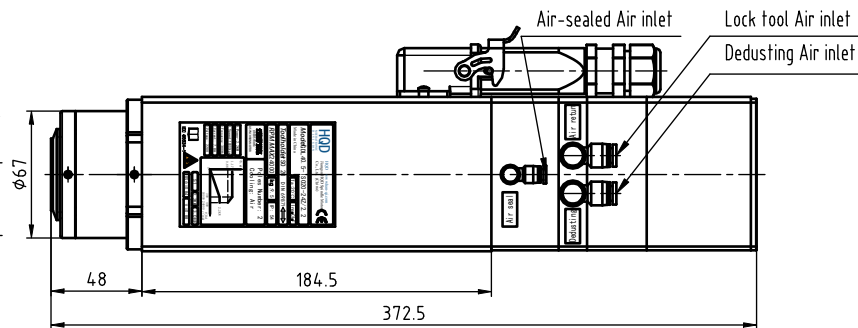
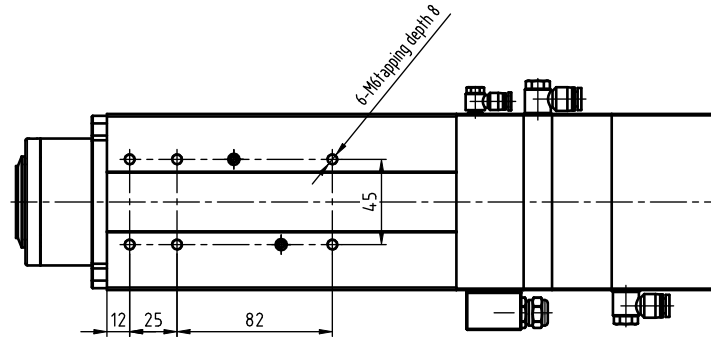
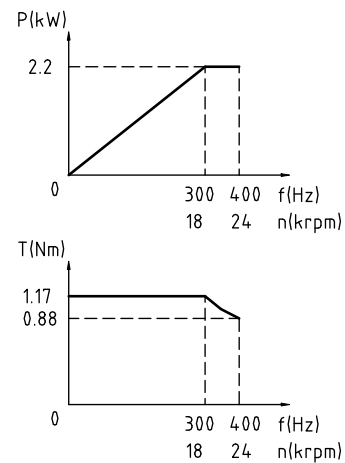
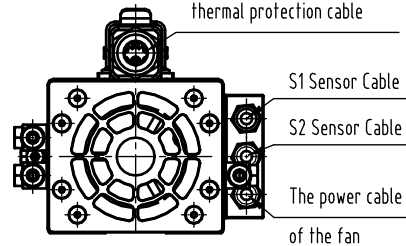


Wiring Instructions for Fans and Sensors

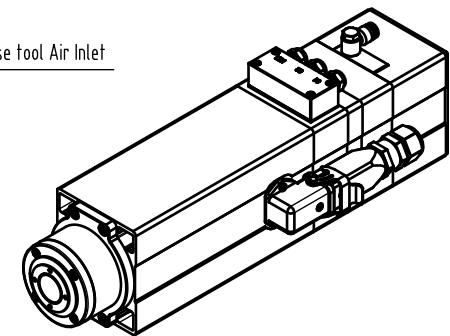
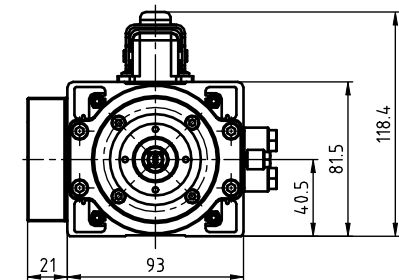
S1 Sensor (Tool Lock)	Pins	Description
	1	+24V DC power supply provided to the S1 sensor
	2	0V DC power supply provided to the S1 sensor
	3	S1 Sensor (Tool Lock) Signal Output (PNP Normally Open)
S2 Sensor (Tool Release)	Pins	Description
	1	+24V DC power supply provided to the S2 sensor
	2	0V DC power supply provided to the S2 sensor
	3	S2 Sensor (Tool Release) Signal Output (PNP Normally Open)
Cooling fan power supply	Pins	Description
	1	+24V DC power supply for the cooling fan
	2	0V DC power supply for the cooling fan

Main shaft power supply and thermal protection cable



Spindle power supply and thermal protection wiring instructions

Pins	Description
1	U motor phase
2	V motor phase
3	W motor phase
4	The temperature sensor PTC-110
5	The temperature sensor PTC-110
⊕	PE yellow-green ground wire



Rated power	2.2Kw	Rated torque	1.17Nm
Rated Voltage	220V	Rated current	7.8A
Rated Frequency	300Hz	Rated speed	1800rpm
Maximum Frequency	400Hz	Maximum speed	24000rpm
Cooling method	Air-cooled	Lubricating method	Grease
Tool holder	ISO20	Weight	8.9Kg

标记	处数	分区	更改文件号	签名	年、月、日
设计			标准化		
审核					
工艺			批准		

Air-cooled ATC electric spindle			Jiangsu HQD Spindle Motor Co., Ltd		
阶段标记			profile drawing		
重量			比例		
S			1:2.5		
共 1 张 第 1 张			GDL40.5-ISO20-24Z-2.2-00		

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参 字

日 期

档案员 日 期

1	Air-sealed Air inlet	Inlet pressure 0.2MPa(φ4mm quick-plug connector)
2	Lock tool Air inlet	Inlet pressure 0.6MPa(φ6mm quick-plug connector)
3	Release tool Air Inlet	Inlet pressure 0.6MPa(φ6 quick-plug connector)
4	Dedusting Air inlet	Inlet pressure 0.3-0.5MPa(φ6mm quick-plug connector)