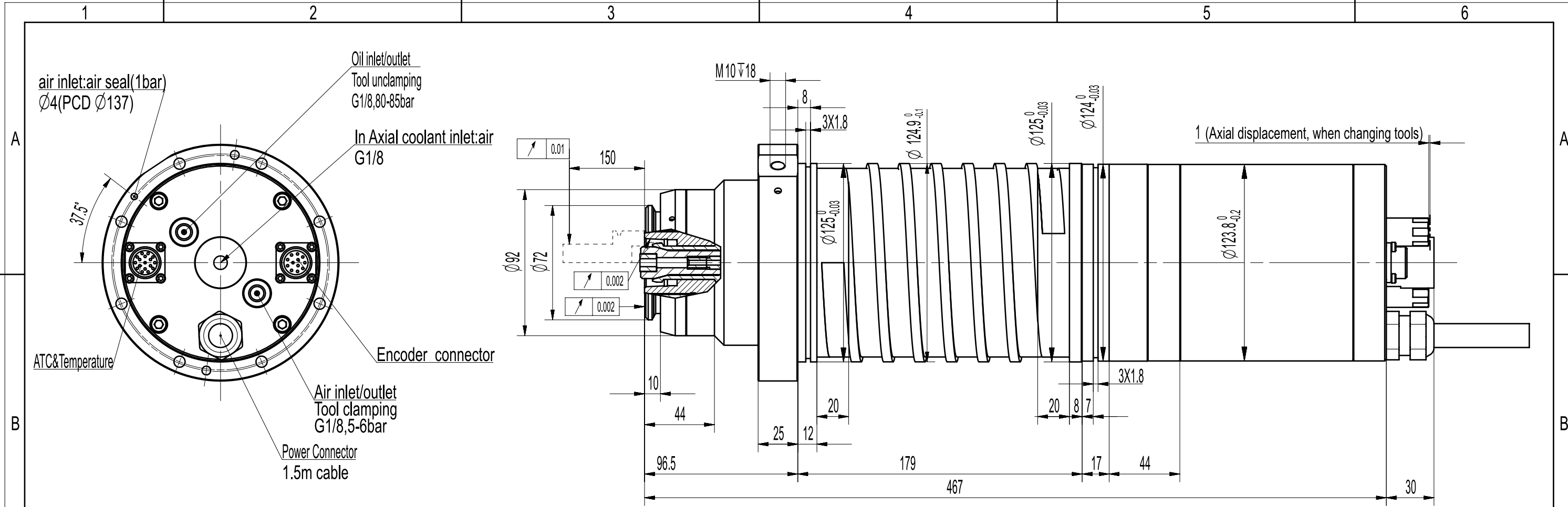
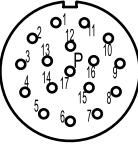
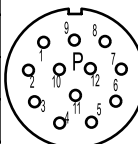


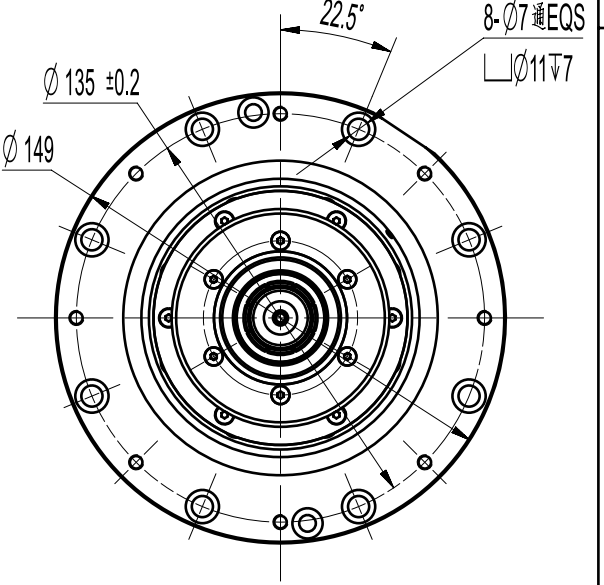
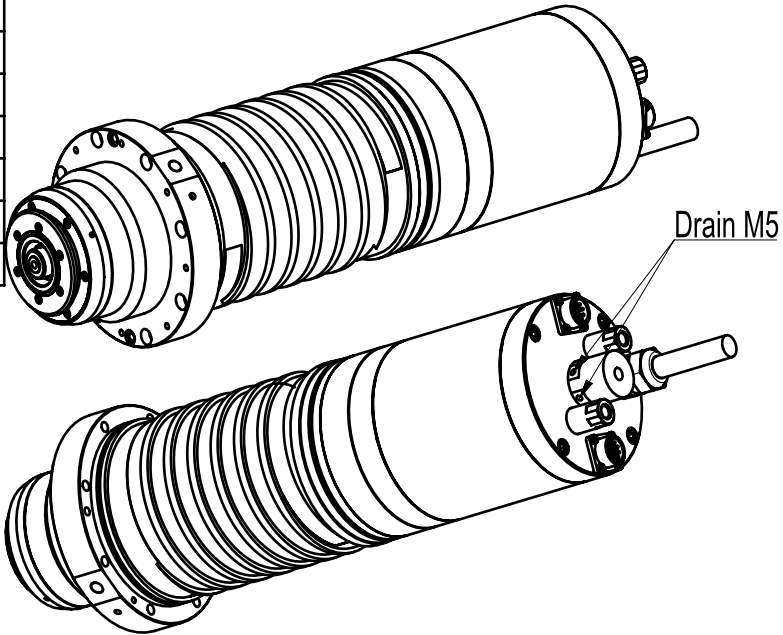
Power Connector			
+	---		
-	---		
U	phase U	⊕	GND
V	phase V		
W	phase W		



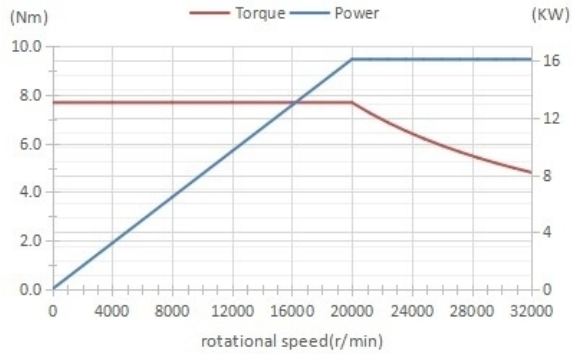
ATC & Temperature Connector			
1	bearing PT100	7	10-30VDC
2	bearing PT100	8	Clamp without tool
3	---	9	0V
4	10-30VDC	10	10-30VDC
5	Unclamp tool	11	Clamp tool
6	0V	12	0V
13	---	14	motor PT1000
15	motor PT1000	16	Shield
17	---		



Encoder Connector			
1	B-	7	Shield
2	---	8	B+
3	Z+	9	---
4	Z-	10	0V
5	A+	11	-
6	A-	12	+5V



Spindle specification				
SPEED	20000	32000		r/min
Frequency	666.7	1066.7		Hz
Power(S1)	16.1	16.1		kW
Torque(S1)	7.7	4.8		Nm
Voltage	380	380		V
Current(S1)	33	31		A
Motor type	Induction motor		Encoder	z=128,SIN/COS,1Vpp
Lubricant	Grease		Rotation	right and left
Operating position	horizontal to vertical		Front seal	Protecting air flow,1-1.5bar
Encoder	Z=128,m=0.3,1vpp			
ATC cylinder	hydraulic pressure unclamp 80bar,air pressure clamp 5bar			
Interface	HSK 40 DIN69893,Clamping force 6800N			
Air quality	Filtration and drying, particle size 5 microns, residual oil content 0.5mg/m^3			
Spindle Coolant	Water,flow rate 5L/min@25°C			



未注尺寸公差		-	主轴确认图						
注：孔取(+),轴取(-)		件号	名称	数量	材料	硬度	备注		
Dimension/mm									
up	to	clearance							
-	6	±0.05							
6	30	±0.10							
30	120	±0.15							
120	250	±0.25							
250	500	±0.35							
500	1000	±0.45							
1000	1600	±0.55							
1600	2000	±0.65	更改号	签字	日期	审核			

SUF

125XDJ32G16

设计

校对

标准化审核

工艺会签

审核

批准

比例

1:2.5

重量

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