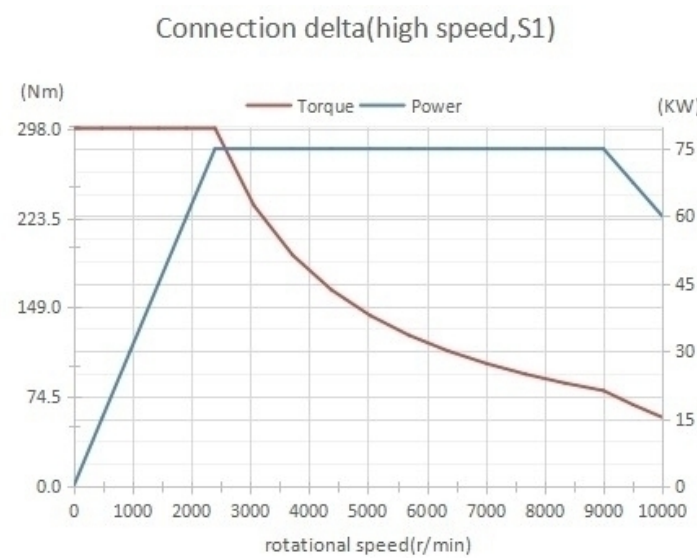
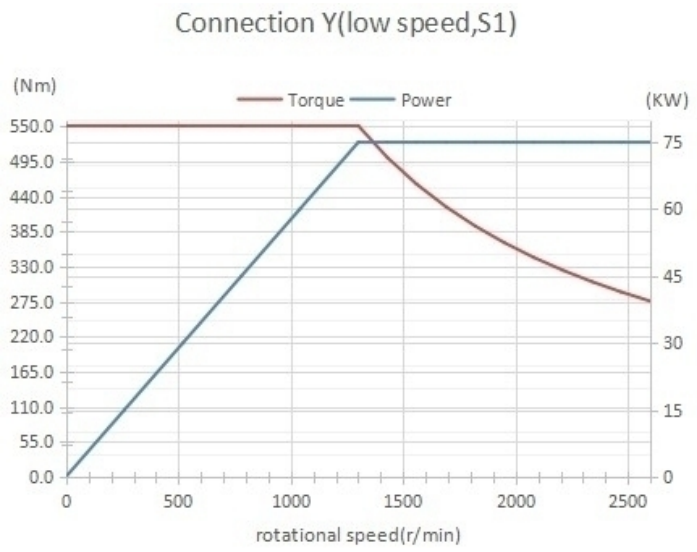
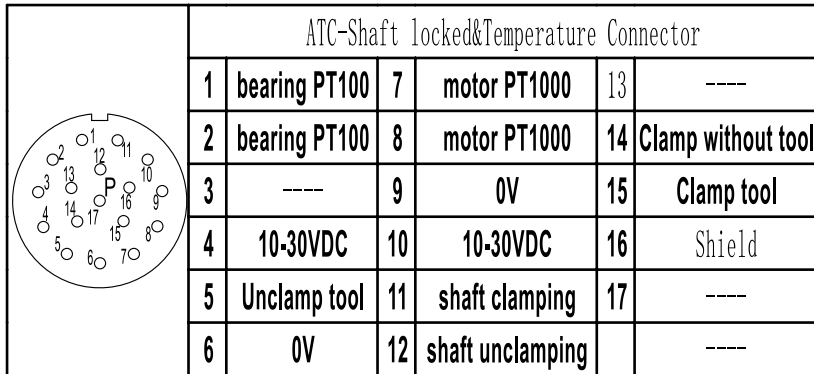
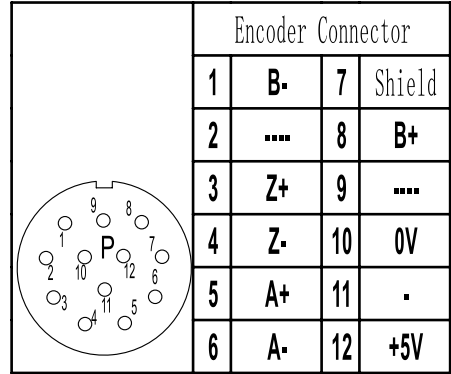
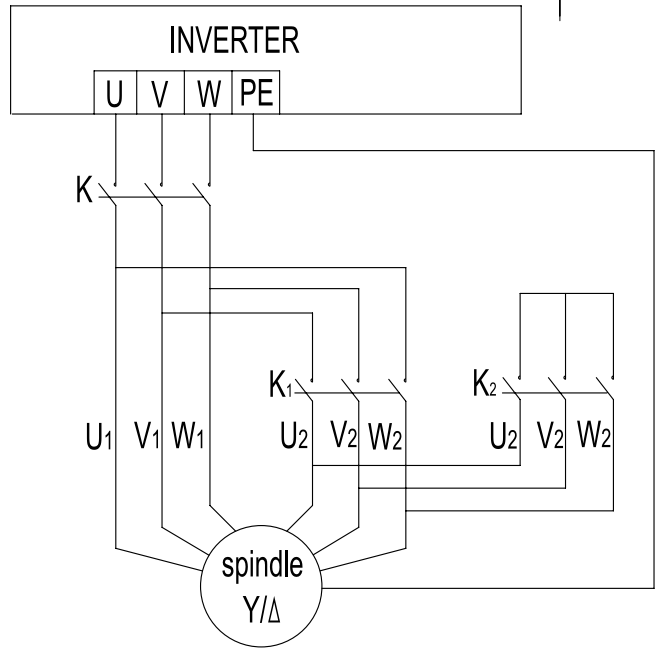
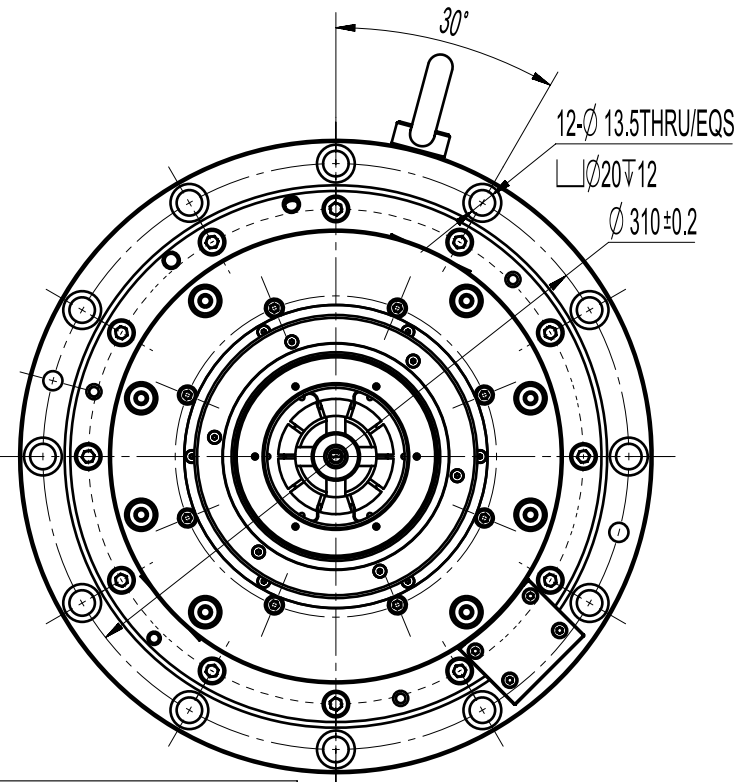
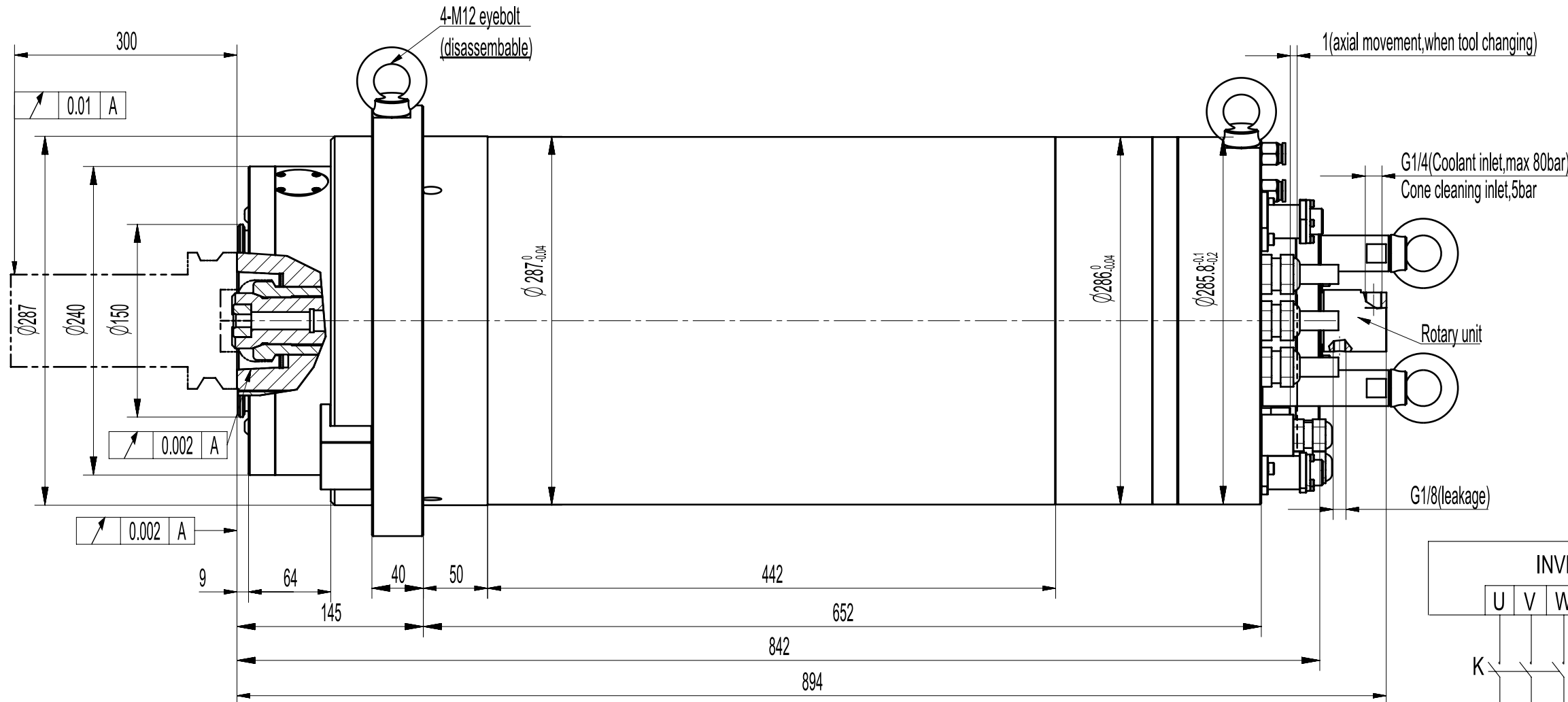
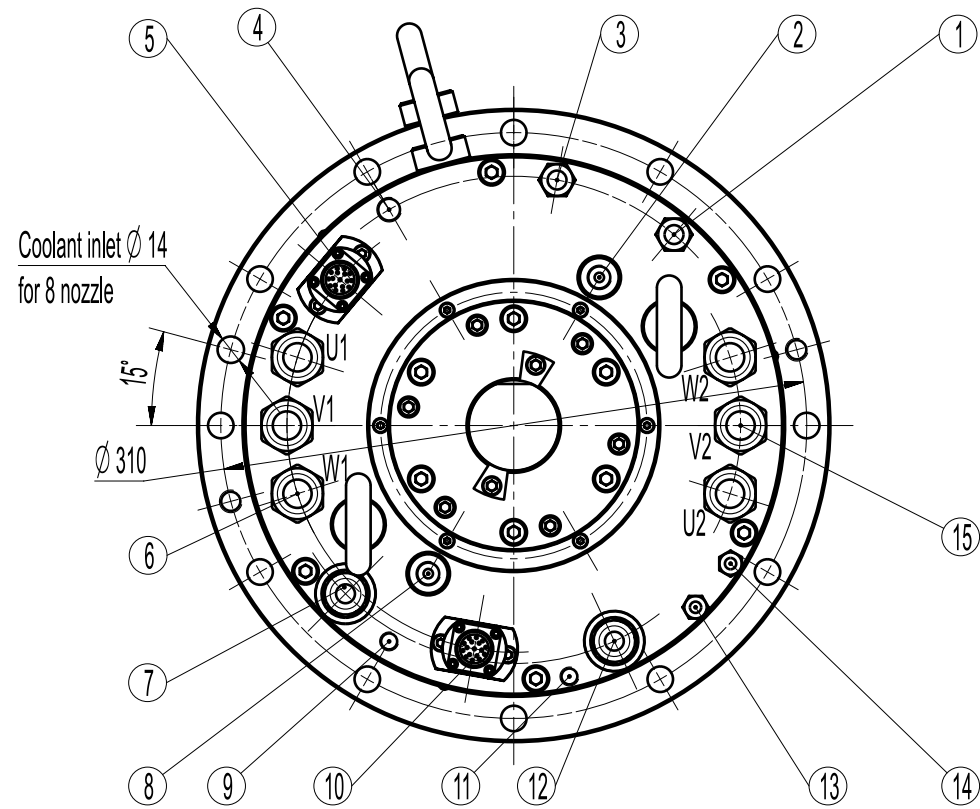
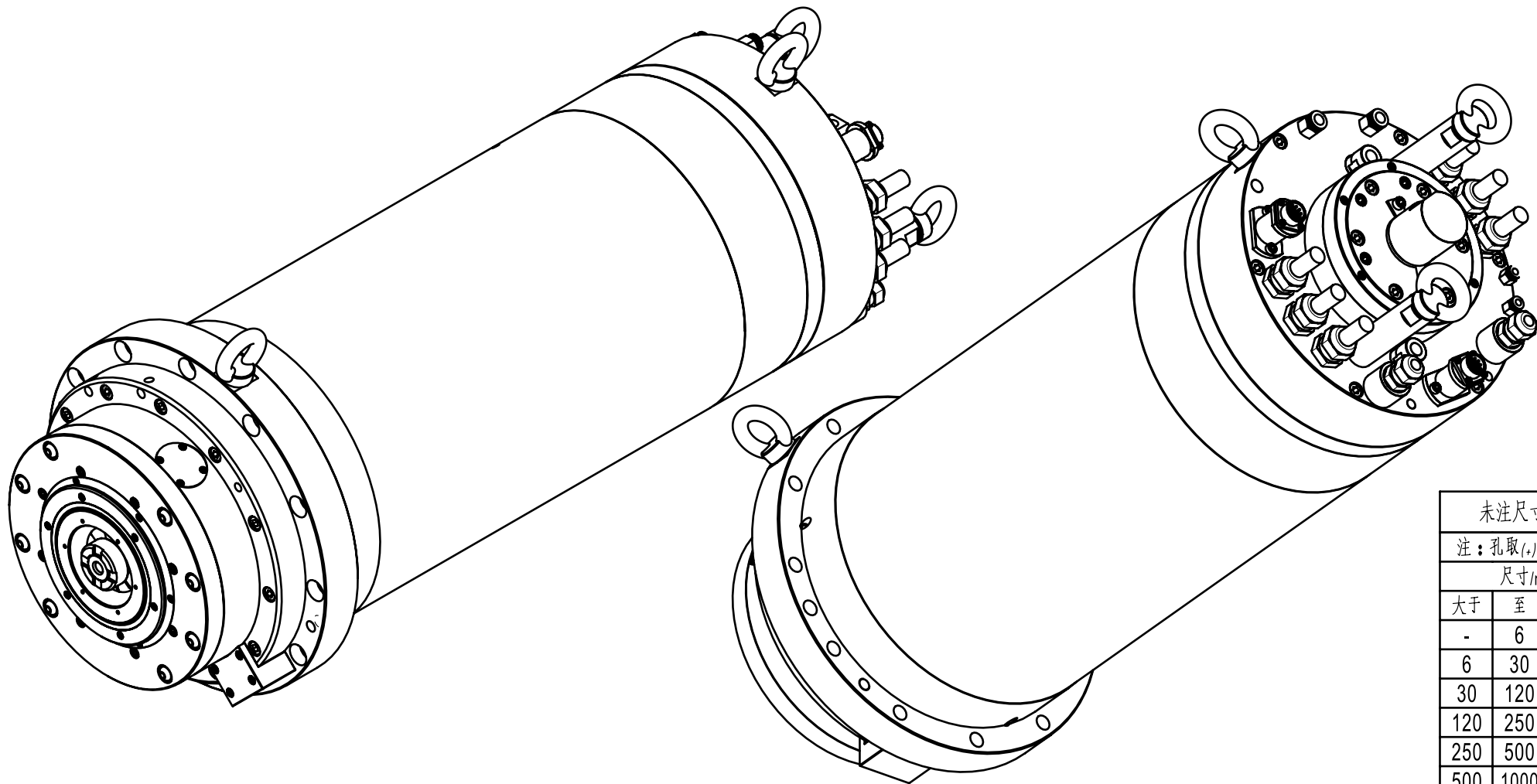




Label description			
Label	function	Interface	description
1	Water inlet	G3/8	Straight Adapters for hose 12X8
2	Oil inlet/outlet	G1/4	oil presure 60-65bar
3	Water outlet	G3/8	Straight Adapters for hose 12X8
4	Oil inlet/outlet	G1/4	shaft clamping,oil presure 25-30bar
5	ATC-Shaft locked&Temperature Connector	M23	17PIN,for ATC and shaft locked sensor(PNP proximity switch),motor sensor PT1000,bearing sensor PT100
6	Power cable	M25X1.5	35mm 2 power cable,phase U1-V1-W1,1m lenth
7	Vibration connector		Kistler 8702 B50 M1. OPTION!
8	Air inlet(Clamp Tool)	G1/4	Straight Adapters for hose 8X5,hold pressure when clamping,5bar
9	Oil inlet/outlet	G1/4	shaft uclamping,oil presure 5-30bar
10	Encoder connector	M23	12PIN,SIN/COS Encoder,1Vpp,z=256
11	GND	M10	GND
12	Axial Movement Sensor		Digital Eddy-Current-Measuring system SGS 4701. OPTION!
13	Air inlet(air seal)	G1/8	Straight Adapters for hose 8X5,air seal,1-1.5bar
14	Air inlet	G1/4	Straight Adapters for hose 8X5,rotor cooling,2bar
15	Power cable	M25X1.5	35mm 2 power cable,phase U2-V2-W2,1m lenth



Spindle specification									
Winding connex	Y		Δ						
Speed	1300	2600	2400	9000	10000	r/min			
Frequency	86.7	173.3	160	600	666.7	Hz			
Power(S1)	75	75	75	75	60	kW			
Torque(S1)	551	275	298	79	57	Nm			
Voltage	380	380	380	380	380	V			
Current(S1)	162	161	102	100	75	A			
Motor type	Asynchronous		Encoder	z=256,m=0.5,1Vpp, SIN/COS					
Lubricant	Grease		Rotation	right and left					
Operating position	horizontal to vertical		Front seal	Protecting air flow,1-1.5bar					
ATC cylinder	hydraulic pressure unclamp 80bar,air pressure clamp 5bar								
Interface	HSK T100 DIN69893,CLAMPING FORCE 50000N								
Shaft locked cylinder	hydraulic pressure unclamp 25-30bar,air pressure clamp 5bar-30bar								
Shaft locking system	Hirth shaft clamping system,max transmissible Torque 1400Nm,Tooth number 120								
Central coolant supply	OTT-JARCOB,Rotary Unions								
Air quality	Filtration and drying, particle size 5 microns, residual oil content 0.5mg/m ³								
Spindle Coolant	Water,flow rate 15L/min@25°C								

未注尺寸公差		00	主轴外形		数量	材料	硬度	备注
注：孔取(+),轴取(-)		件号	名称					
尺寸/mm								
大于	至	公差						
-	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	批准		

SUF 287XDJ10G75/HT100

设计 比例 重量
校对
标准化审核 1:4 135
工艺会签
审核