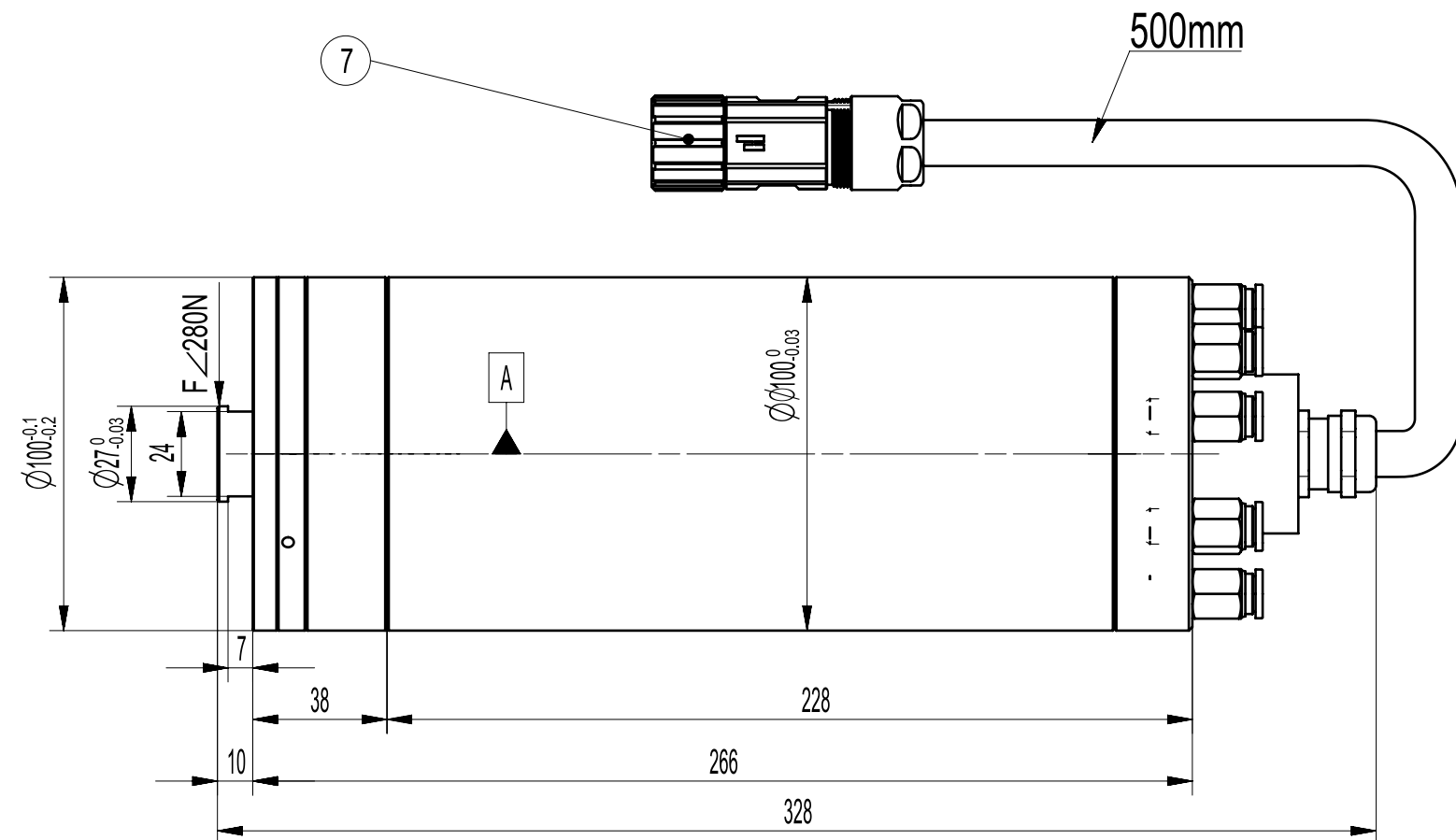
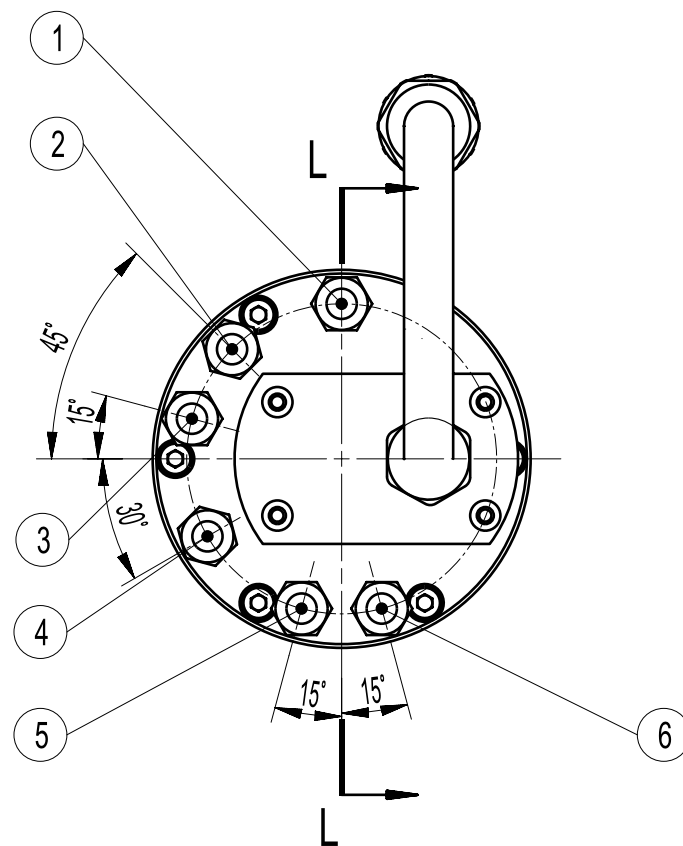
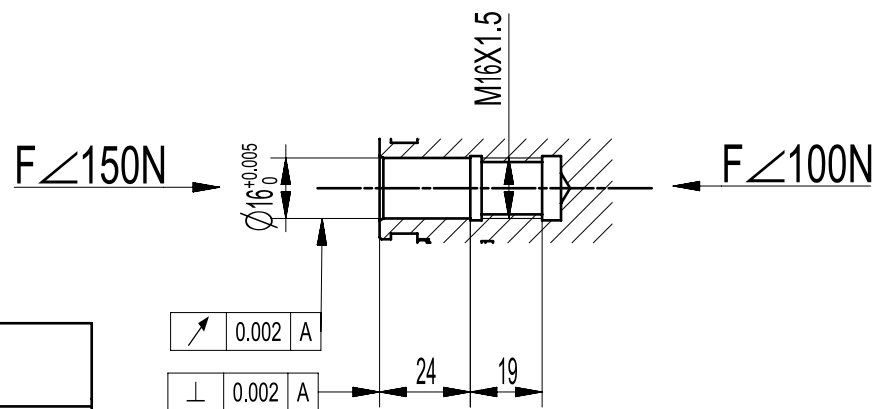
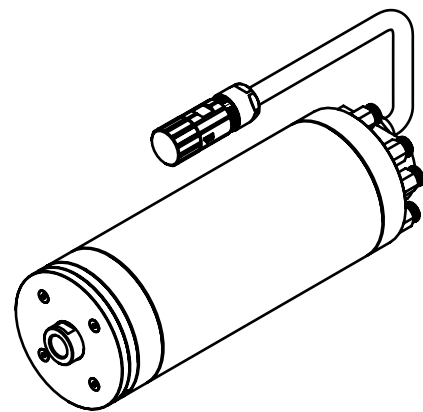




SECTION L-L



	Power Connector			
	1	phase U	A	PT1000(motor)
	2	phase V	B	PT1000(motor)
	3	phase W	C	PT100(bearing)
		GND	D	PT100(bearing)



connection discription			
No.	function	interface	discription
1	water outlet	G1/4	hose diameter 8X6
2	oil air inlet	G1/8	hose diameter 6X4,1-2bar
3	oil air inlet	G1/8	hose diameter 6X4,1-2bar
4	air seal	G1/8	hose diameter 6X4,1bar
5	exhaust oil	G1/4	hose diameter 8X6
6	water inlet	G1/4	hose diameter 8X6
7	Power connector	M23	8 pin connector,as drawing

未注尺寸公差			00	主轴外形图		1			
注：孔取(+)，轴取(-)			件 号	名 称		数量	材 料	硬 度	备 注
尺寸/mm						SUF	100MD60Y9		
大于	至	公差							
-	6	±0.05							
6	30	±0.10							
30	120	±0.15				设计		比例	重量
120	250	±0.25				校对		1:2	
250	500	±0.35				标准化审核			
500	1000	±0.45				工艺会签			
1000	1600	±0.55				审 核			
1600	2000	±0.65	更改号	签字	日期	批 准			

spindle specification					
speed	51000	60000	r/min	radial rigidity (N/μm)	65
Power(S1)	7.5	7.5	kW	axial rigidity(N/μm)	58
Power(S6,40%)	9	9	kW	tilt angle(°)	±90
Voltage	350	350	V		
Current(S1)	21	19	A		
Current(S6,40%)	24	22	kW		
frequency	1700	2000	Hz		
motor type	Asynchronous				
lubrication	oil-air				
lubricant		ISO VG22			
gas filtering requirements		Solids:5 micron,residual oil content:0.5mg/m^3			
spindle coolant		Rust resistant cooling water, flow rate 3L/min@25°C			