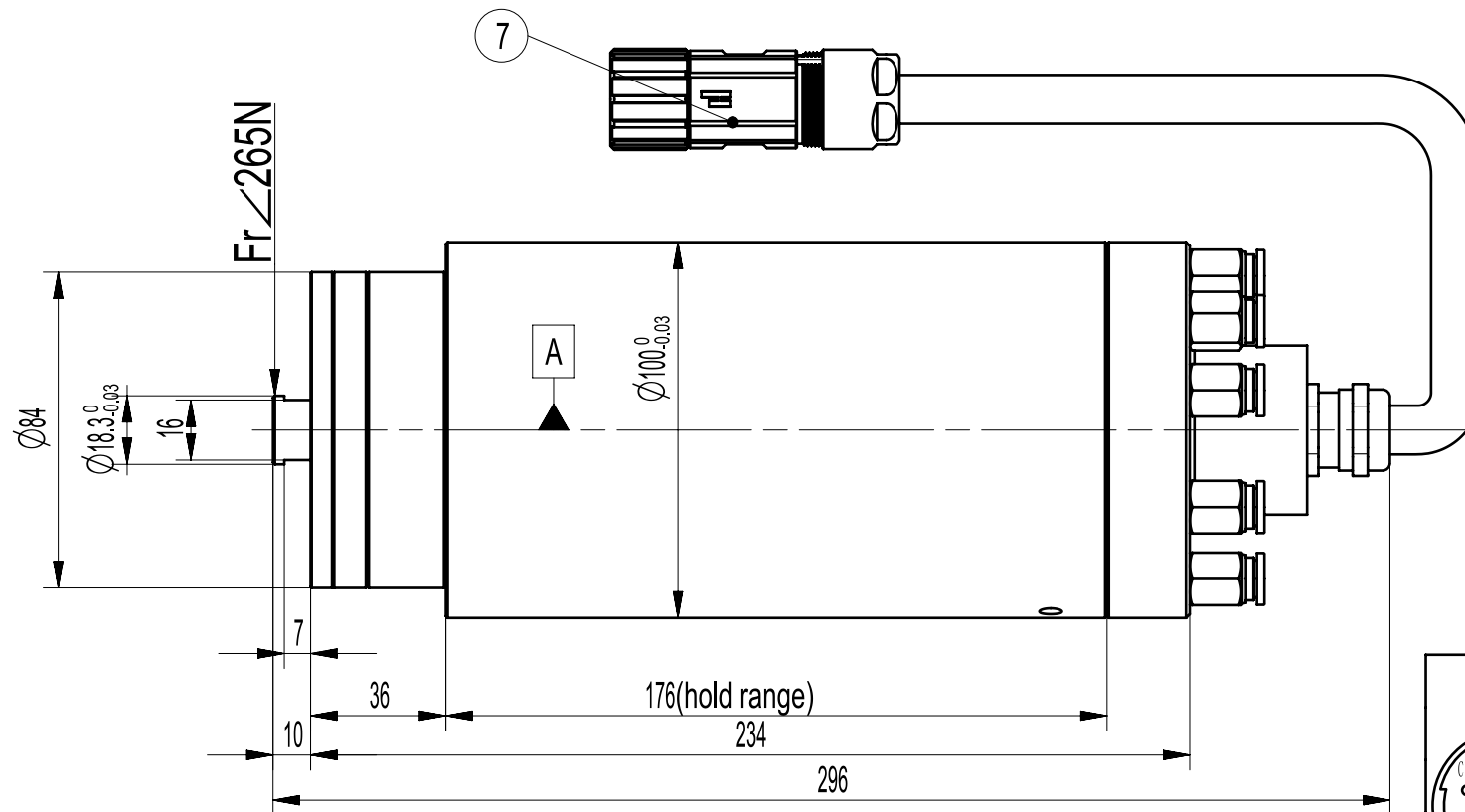
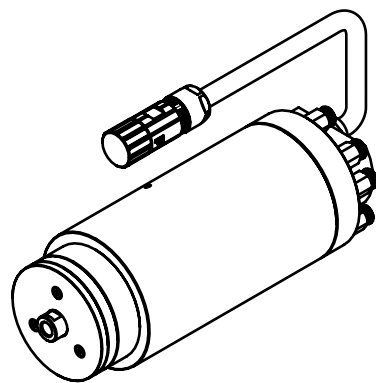
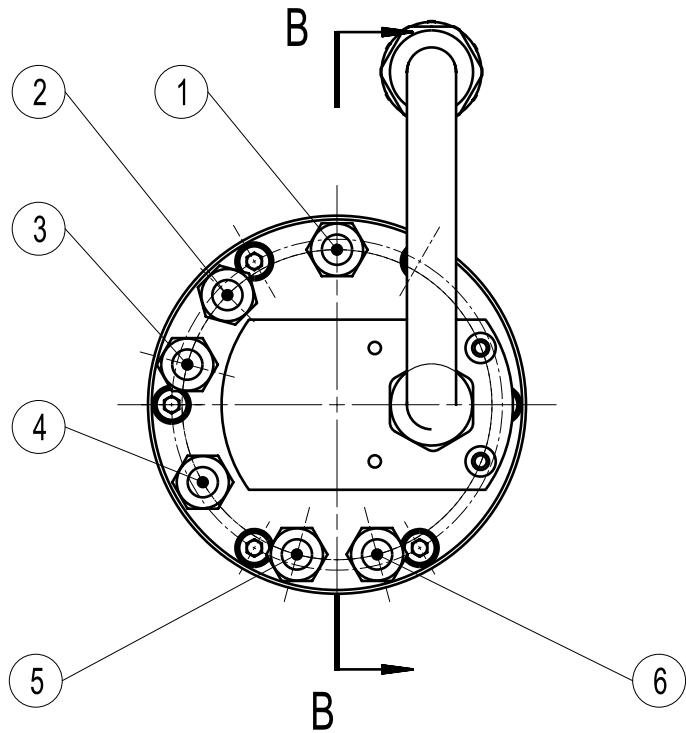
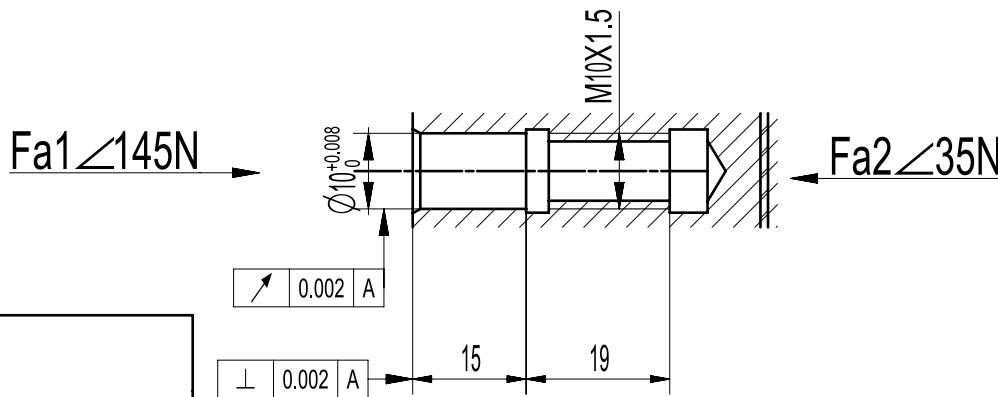




SECTION B-B

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	

spindle specification

spindle specification					
speed	90000		r/min	radial rigidity (N/μm)	38.7
Power(S1)	2.5		kW	axial rigidity(N/μm)	38
Power(S6,40%)	3		kW	tilt angle(°)	±90
Voltage	350		V		
Current(S1)	7.5		A		
Current(S6,40%)	8		kW		
frequency	1500		Hz		
motor type	Asynchronous				
lubrecation	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			

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										
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	审 核	批 准			

SUF

100MD90Y2.5