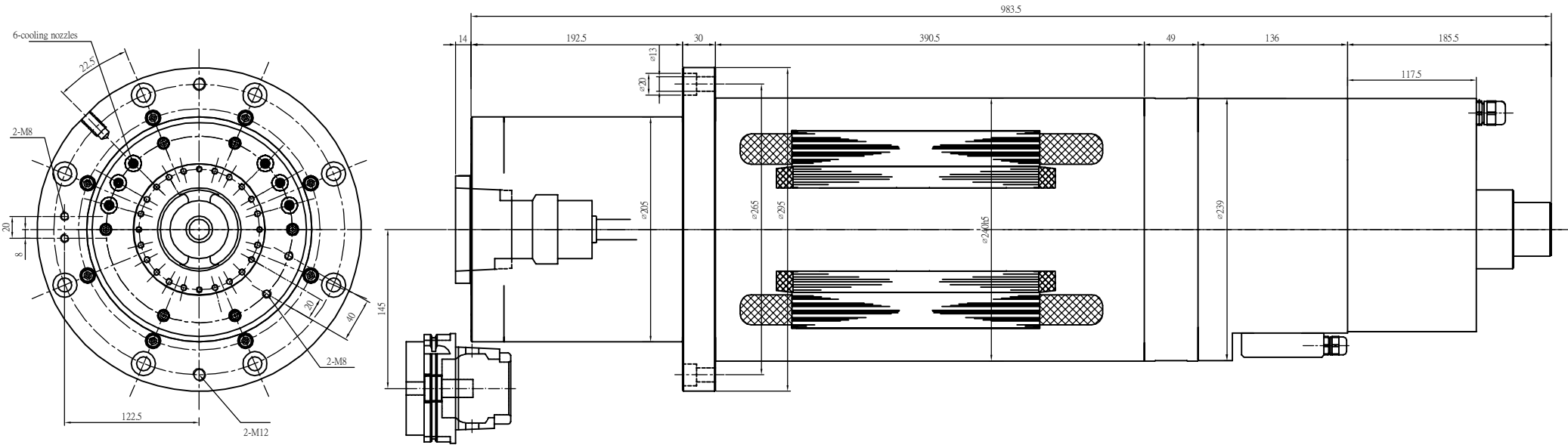
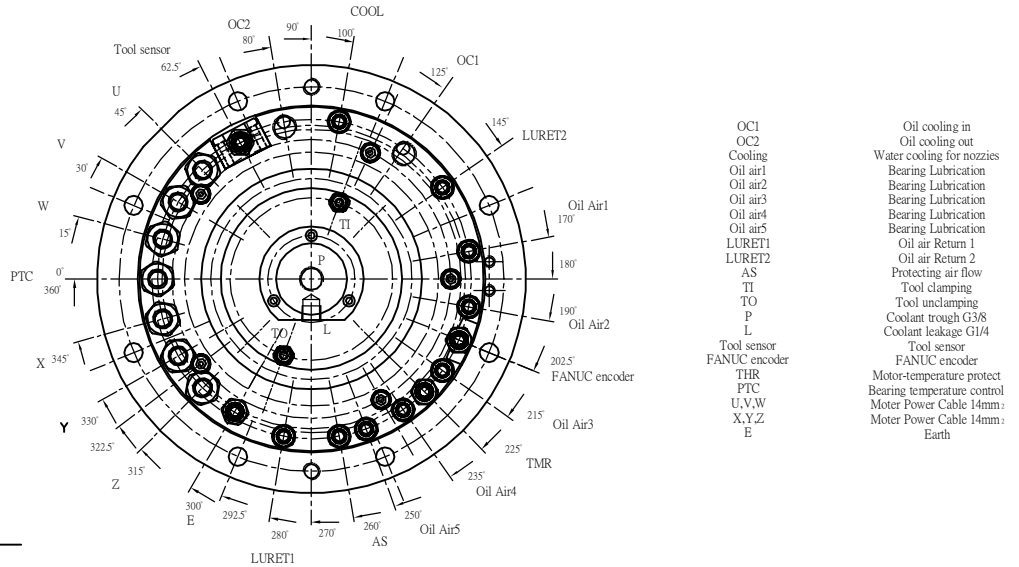


SYF-240 (HSK-A100) Built-In Motor Spindle

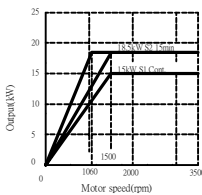


Technical specification for SYF-240 Built-In Motor Spindle

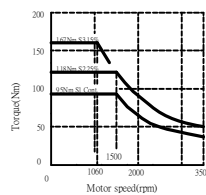
- | | |
|-----------------------------------|--|
| 1.Speed range | Up to 12,000rpm |
| 2.Maximum power | 22kw |
| 3.Rated speed | 1,500rpm |
| 4.Power band | 18.5kw from rated speed to 12,000rpm |
| 5.Torque | 95Nm to S1 rated speed |
| 6.Bearing bore size | Hybrid-Ceramic Bearing ϕ 100mm front |
| 7.Front seal | Protecting air flow |
| 8.Spindle taper | 7/24 taper |
| 9.Tool interfaces | HSK-A100 |
| 10.Tool size restrictions | a)Maximum tool length to gauge line 250mm
b)Maximum tool ϕ 150mm |
| 11.Spindle cartridge and mounting | Spindle housing hardened steel, ϕ 240h5, horizontal or vertical |
| 12.Drawbar | OTT CLAMPING SYSTEM |
| 13.Motor technology | FANUC Built-In Motor |
| 14.Bearing Lubrication | Oil-Air Lubrication |
| 15.Spindle services | Sensor, El. Power, Taper cleaning, Air seal, Oil cooling, Lubrication |
| 16.Shaft orientation | FANUC Built-In Mini Encoder |



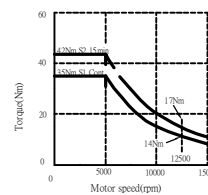
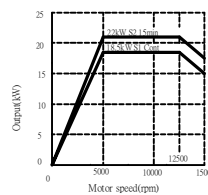
Motor Type : FANUC α B112L/15000i



Low winding



High winding



主軸安裝尺寸		孔距一般公差	加工一般公差
ϕ 240	H6	+0.029 0	>0 \pm 0.1 >6 \pm 0.2
ϕ 240	H5	+0.020 0	>30 \pm 0.3 >100 \pm 0.5 >300 \pm 0.8 >1000 \pm 1.0
ϕ 240	h6	0 -0.029	一般圓角 R2
ϕ 240	h5	0 -0.020	一般倒角 C1

件號	240-10011-51
件名	外觀尺寸圖
材質	
表面處理	
比例	1:1 投影
先鋒企業股份有限公司 Spindex Technologies Co., LTD	

SYF-240	1
機	數量
核對	
校對	
設計	
製圖	陳冠宇 07.04
組合圖號	
版本	1.0