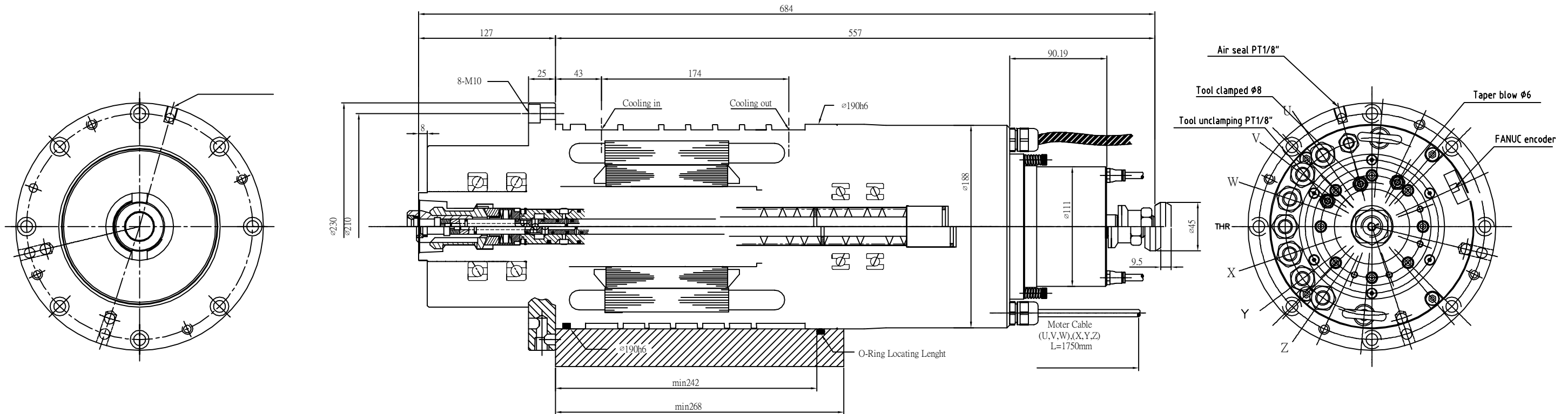
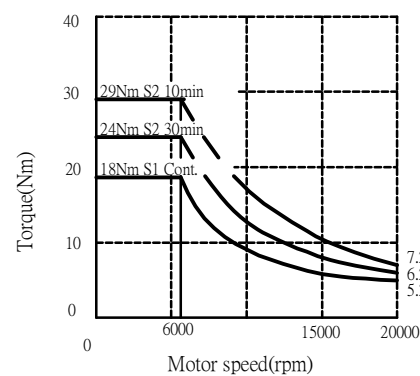
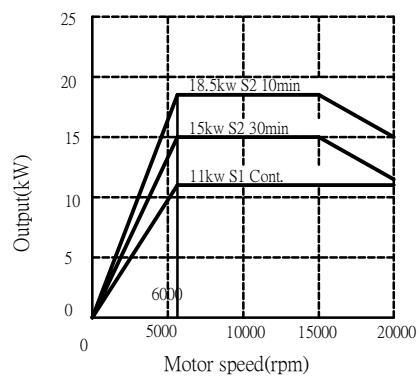
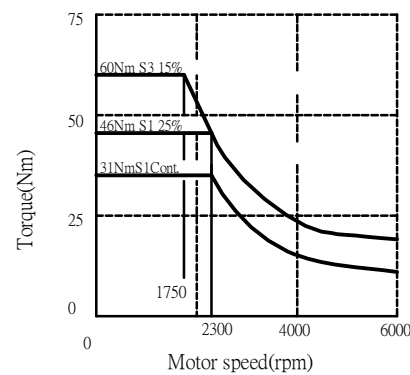
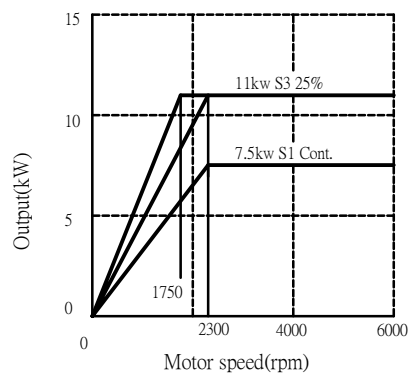


# SYF-190K Built-In Motor Spindle



Motor Type : FANUC  $\alpha$ B112S/20000i



## Technical specification for SYF-190 Built-In Motor Spindle

- 1.Speed range Up to 15,000rpm
- 2.Maximum power 11kw
- 3.Rated speed 1,750rpm
- 4.Power band 7.5kw from rated speed to 15,000rpm
- 5.Torque 46Nm constant to rated speed
- 6.Bearing bore size Hybrid-Ceramic  $\varnothing 65$ mm front
- 7.Front seal Protecting air flow
- 8.Spindle taper 1/10 taper
- 9.Tool interfaces HSK-A63
- 10.Tool size restrictions a)Maximum tool length to gauge line 150mm  
b)Maximum tool  $\varnothing 75$ mm
- 11.Spindle cartridge and mounting Spindle housing hardened steel, $\varnothing 190h6$ , horizontal or vertical
- 12.Drawbar OTT CLAMPING SYSTEM
- 13.Motor technology FANUC Built-In Motor
- 14.Bearing Lubrication Life Time Grease
- 15.Spindle services Sensor,El. Power,Taper cleaning,Air seal, Oil cooling,Lubrication
- 16.Shaft orientation FANUC Built-In Mini Encoder
- 17.Output force 50kg/cm
- 18.Stroke 7.4mm
- 19.Capacity 65C.C.

主軸安裝尺寸			孔距一般公差	加工一般公差	件號	190-10011-51	機型	SYDF-190K	數量
$\varnothing 190$	H6	+0.029 0	$\pm 0.3$	>0 $\pm 0.1$	件名	SYDF-190K 外觀圖	核定		
$\varnothing 190$	H7	+0.046 0	鑽孔沈頭孔公差 +0.25 -0.05	>6 $\pm 0.2$	材質		校對		
$\varnothing 190$	h6	0 -0.029	角度一般公差 $\pm 1/2$	>30 $\pm 0.3$	表面處理		設計		
$\varnothing 190$	h7	0 -0.046	一般圓角 R2	>100 $\pm 0.5$	比例	1:1 投影	製圖	陳冠宇	07.05.1
			一般倒角 C1	>300 $\pm 0.8$	先鋒企業廠股份有限公司 Spindlex Technologies Co., LTD			組合圖號	
				>1000 $\pm 1.0$	版本				1.0