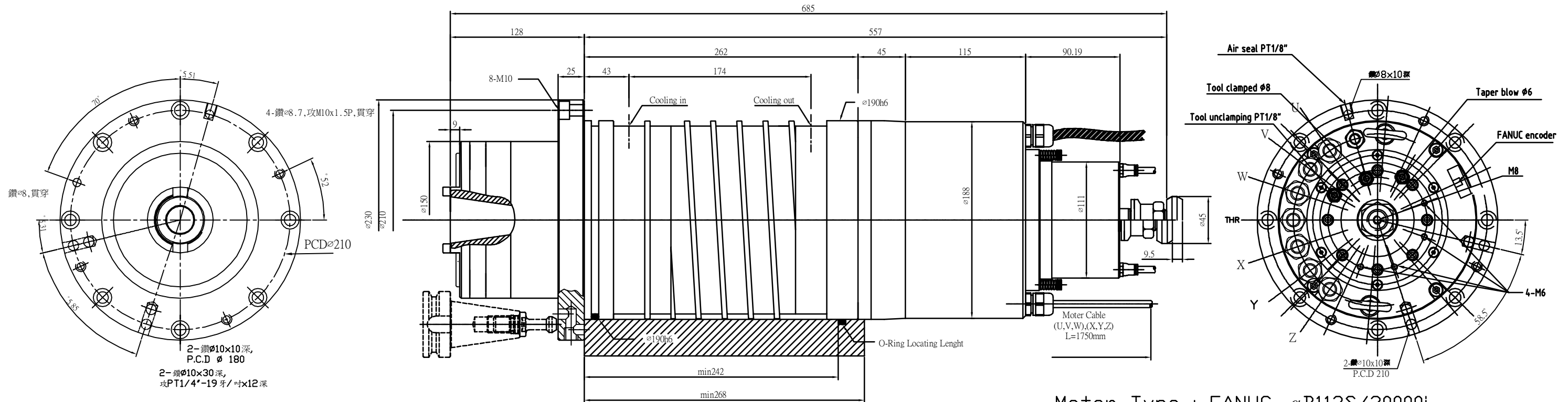


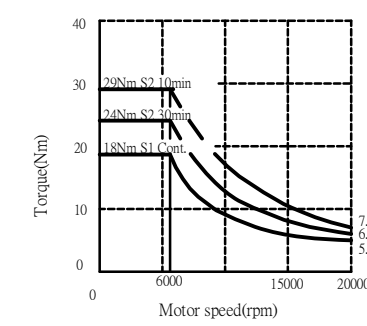
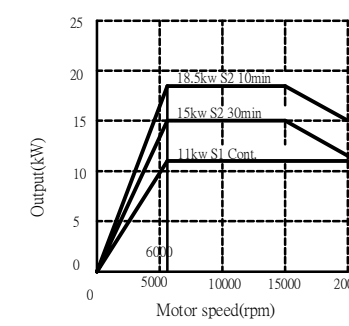
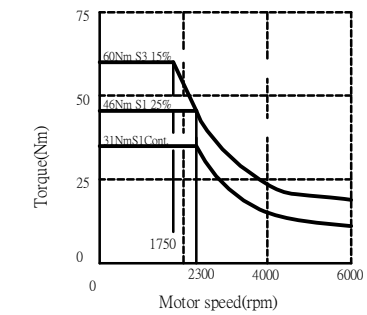
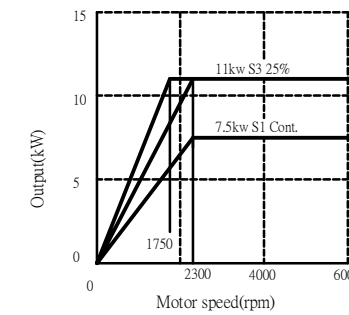
SYF-190 Built-In Motor Spindle



Motor Type : FANUC α 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 65mm front |
| 7.Front seal | Protecting air flow |
| 8.Spindle taper | 7/24 taper |
| 9.Tool interfaces | BBT-40/BT-40 |
| 10.Tool size restrictions | a)Maximum tool length to gauge line 150mm b)Maximum tool \varnothing 75mm |
| 11.Spindle cartridge and mounting | Spindle housing hardened steel, \varnothing 190h6, horizontal or vertical |
| 12.Drawbar | BT40 MAS403 P40T-1 |
| 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 | 10mm |
| 19.Capacity | 65C.C. |



| | | | | | | | |
|-------------------|----|---|--|------|--------------|---------|----|
| 主軸安裝尺寸 | | 孔距一般公差 ± 0.3 鑽孔沈頭孔公差 $+0.029$ 0 $+0.046$ 0 角度一般公差 $\pm 1/2^\circ$ 一般圓角 R2 一般倒角 C1 | 加工一般公差 >0 ± 0.1 >6 ± 0.2 >30 ± 0.3 >100 ± 0.5 >300 ± 0.8 >1000 ± 1.0 | 件號 | 190-10010-51 | SYF-190 | 1 |
| $\varnothing 190$ | H6 | | | 件名 | SYDF-190 外觀圖 | 機型 | 數量 |
| $\varnothing 190$ | H7 | 表面處理 | | 核定 | | | |
| $\varnothing 190$ | h6 | 比例 | 1:1 投影 | 校對 | | | |
| $\varnothing 190$ | h7 | 先鋒企業股份有限公司 Spindex Technologies Co., LTD | | 設計 | | | |
| | | | | 製圖 | 張泓峪 07.08.1 | | |
| | | | | 組合圖號 | | | |
| | | | | 版本 | 1.2 | | |