



SPINDLEX TECHNOLOGIES CO., LTD.

No. 21, Ln. 204, Zhongxing N. ST., Sanchong Dist.,
New Taipei City 241, Taiwan (R. O. C.)

TEL : +886-2-29950267

E-mail:spindlex@ms34.hinet.net

FAX : +886-2-29958334

Web:<http://www.spindlex.com.tw>

Technical Specifications for Built-In Motor-Spindle

Spindle type : SY-100

1. Spindle housing diameter (mm) and mounting:	Ø100h6 vertical or horizontal
2. Maximum speed (rpm) :	30,000rpm-ISO-25
3. Nominal speed:	18,000rpm
4. Motor type:	integrated Induction motor
5. Motor power S1/S6 (Kw) :	3.5/5.5Kw
6. Motor voltage / poles :	380v/2 or 220v/2
7. Spindle torque at power S1/S6(Nm):	2.3/2.9Nm
8. Shaft orientation Encoder (Vector control):	option
9. Bearing type:	hybrid bearing
10. Front bearing inner diameter(mm):	Ø35mm
11. Bearing preloading :	constant springs preload
12. Bearing lubrication:	life time grease
13. Bearing temperature sensor :	sensor on the front bearing (option)
14. Tool interface:	ISO-25 (SCHAUBLIN)
15. Clamping capacity :	Ø1~13mm
16. Tool holding force(N) :	2,000N
17. Tool release :	pneumatic (standard) 2 ATC sensors
18. Motor cooling :	water with additive
19. Spindle cooling (Kcal/h) :	2,000 Kcal/h
20. Coolant through shaft :	N/A
21. Converter nominal power(KVA) :	13 KVA
22. Spindle weight :	16Kgs



SPINDEX TECHNOLOGIES CO., LTD.

No. 21, Ln. 204, Zhongxing N. ST., Sanchong Dist.,
New Taipei City 241, Taiwan (R. O. C.)

TEL : +886-2-29950267

E-mail:spindex@ms34.hinet.net

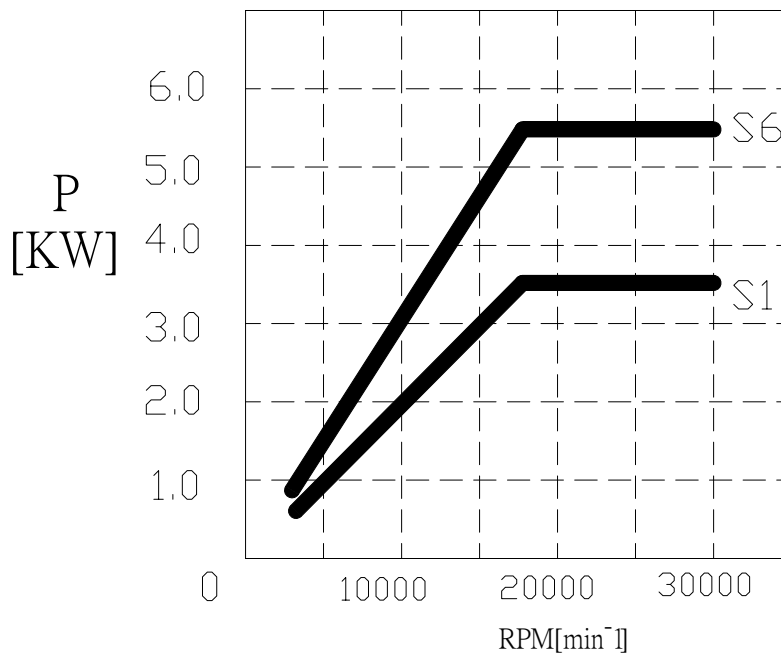
FAX : +886-2-29958334

Web:<http://www.spindex.com.tw>

Spindle type : SY-100

Power and Torque-diagram for Built-In Motor-Spindle

POWER



TORQUE

