

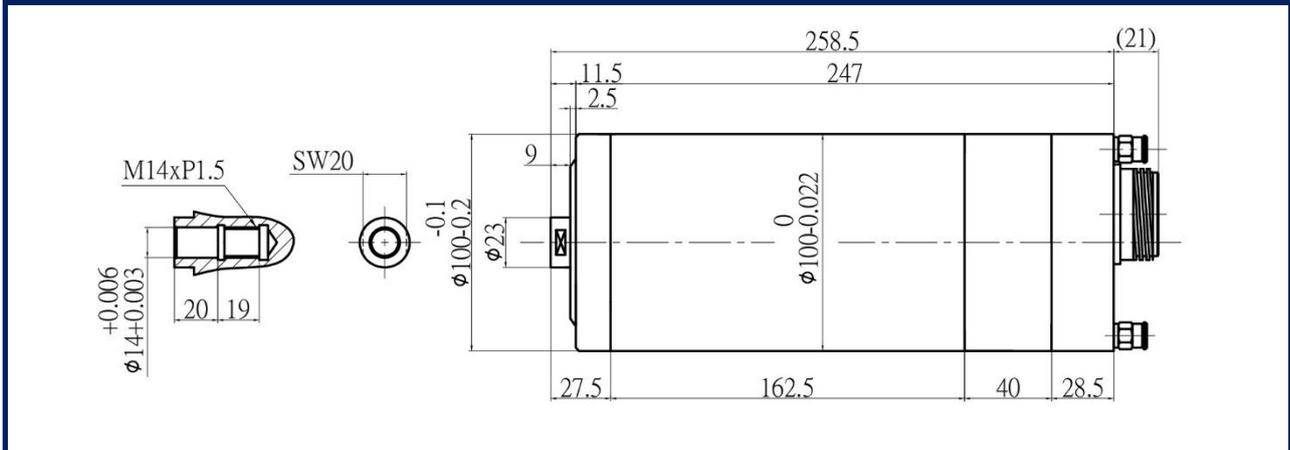


**Ultra-High Speed Internal Grinding Spindle  
SYG-100-75K-5kW**

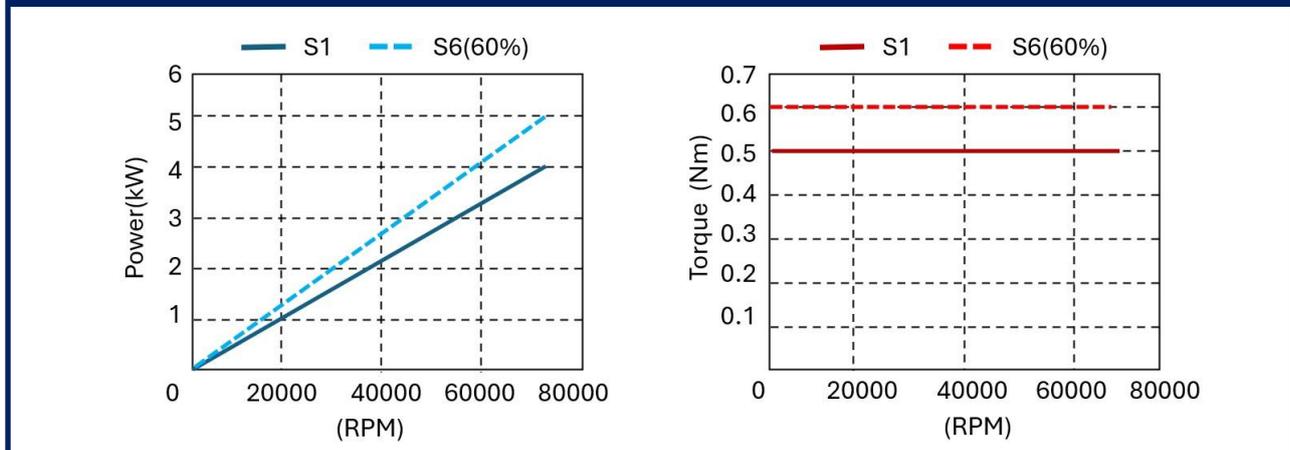


Housing Diameter (mm)	Φ100h6
Operating Speed (RPM)	75,000
Power S1/S6 (kW)	4.0/5.0
Motor Voltage (V)	350
Motor Type	Asynchronous
Torgue S1/S6 (Nm)	0.5/0.6
Bearing Lubrication	Oil-Air
Tool Interface	M14*P1.5
Motor Cooling	Water
Axial Rigidity (N/um)	54
Radial Rigidity (N/um)	53

**Dimensions**



**Motor Characteristics**



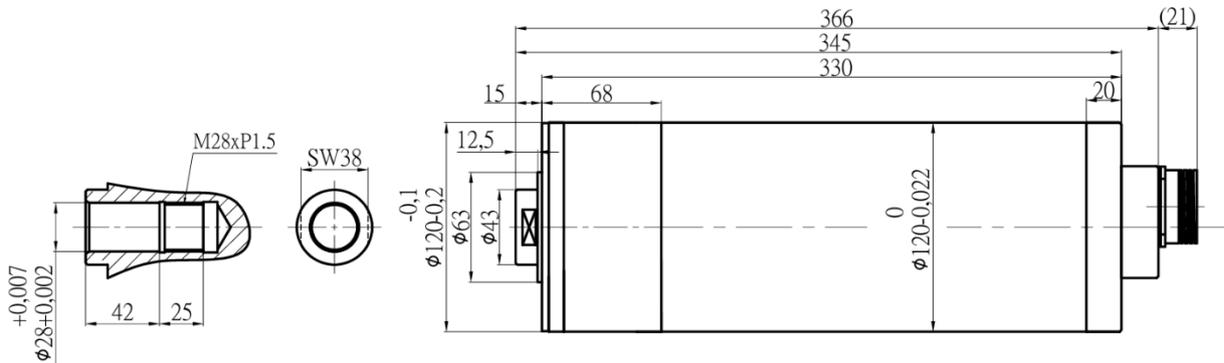


**High Speed Internal Grinding Spindle  
SYG-120-45K-17kW**

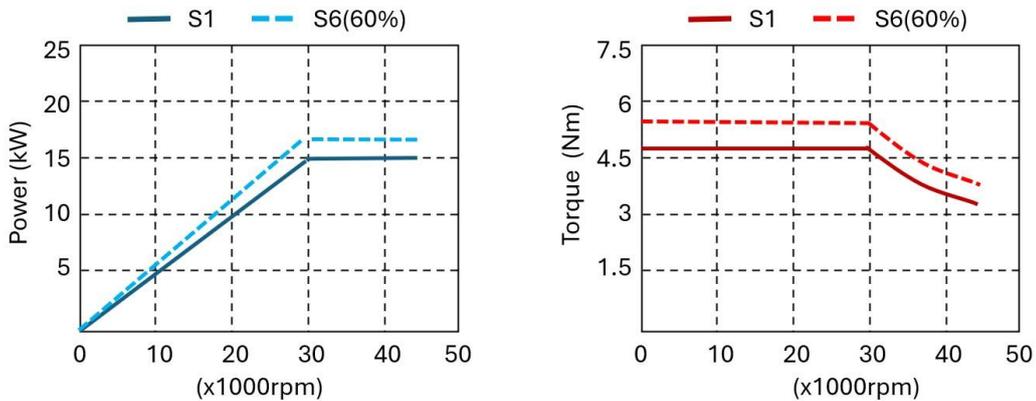


Housing Diameter (mm)	Φ120h6
Operating Speed (RPM)	45,000
Power S1/S6 (kW)	15/17
Motor Voltage (V)	350
Motor Type	Asynchronous
Torgue S1/S6 (Nm)	4.8/5.5
Bearing Lubrication	Oil-Air
Tool Interface	M28*P1.5 / HSK-C32
Motor Cooling	Water
Axial Rigidity (N/um)	98
Radial Rigidity (N/um)	122

**Dimensions**



**Motor Characteristics**



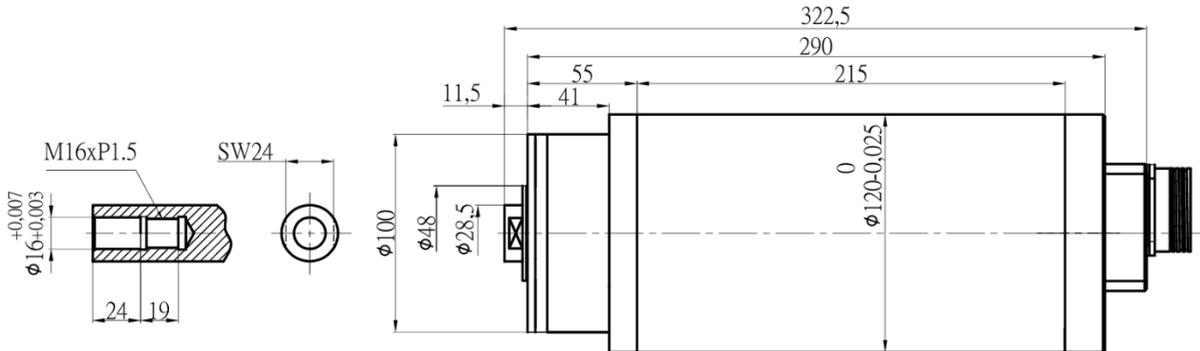


**High Speed Internal Grinding Spindle  
SYG-120-60K-12kW**

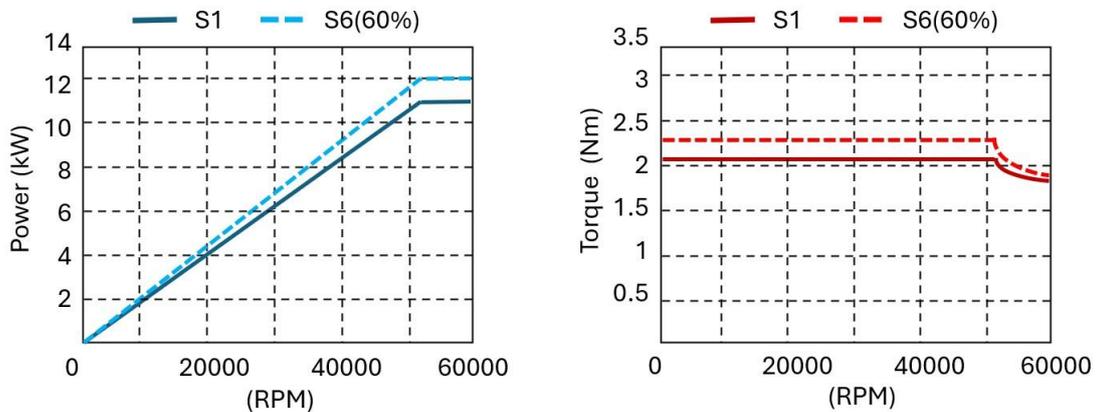


Housing Diameter (mm)	Φ120h6
Operating Speed (RPM)	60,000
Power S1/S6 (kW)	11/12
Motor Voltage (V)	350
Motor Type	Asynchronous
Torgue S1/S6 (Nm)	2.1/2.3
Bearing Lubrication	Oil-Air
Tool Interface	M16*P1.5 / HSK-C25
Motor Cooling	Water
Axial Rigidity (N/um)	60
Radial Rigidity (N/um)	89

**Dimensions**



**Motor Characteristics**



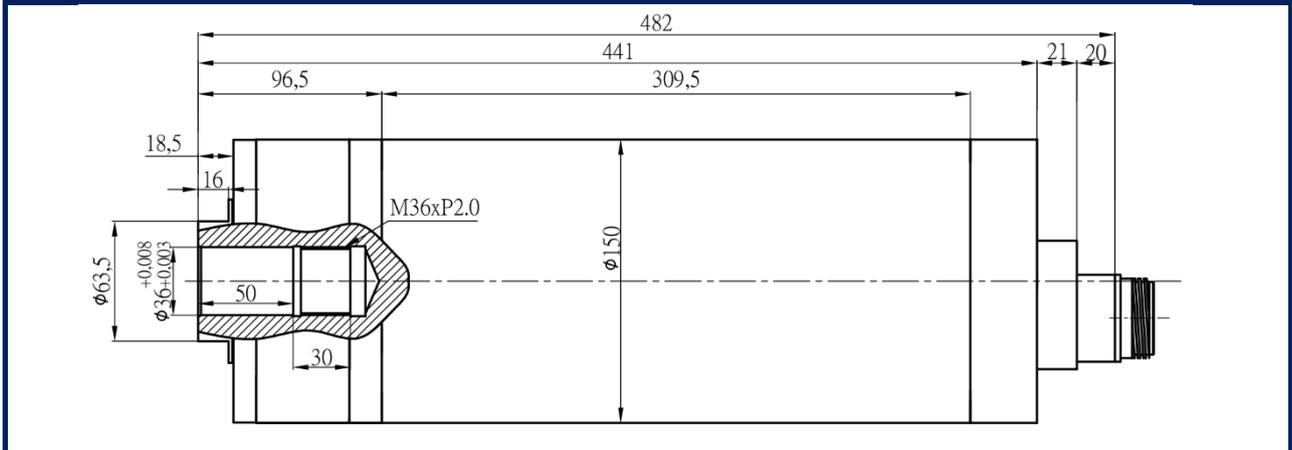


**High Power Internal Grinding Spindle  
SYG-150-30K-26kW**



Housing Diameter (mm)	Φ150h6
Operating Speed (RPM)	30,000
Power S1/S6 (kW)	23/26
Motor Voltage (V)	350
Motor Type	Asynchronous
Torgue S1/S6 (Nm)	14.9/16.8
Bearing Lubrication	Oil-Air
Tool Interface	M32*P2.0 / HSK-C63
Motor Cooling	Water
Axial Rigidity (N/um)	125
Radial Rigidity (N/um)	200

**Dimensions**



**Motor Characteristics**

