

High-speed Small Ball Milling Spindle

DGZ-60C

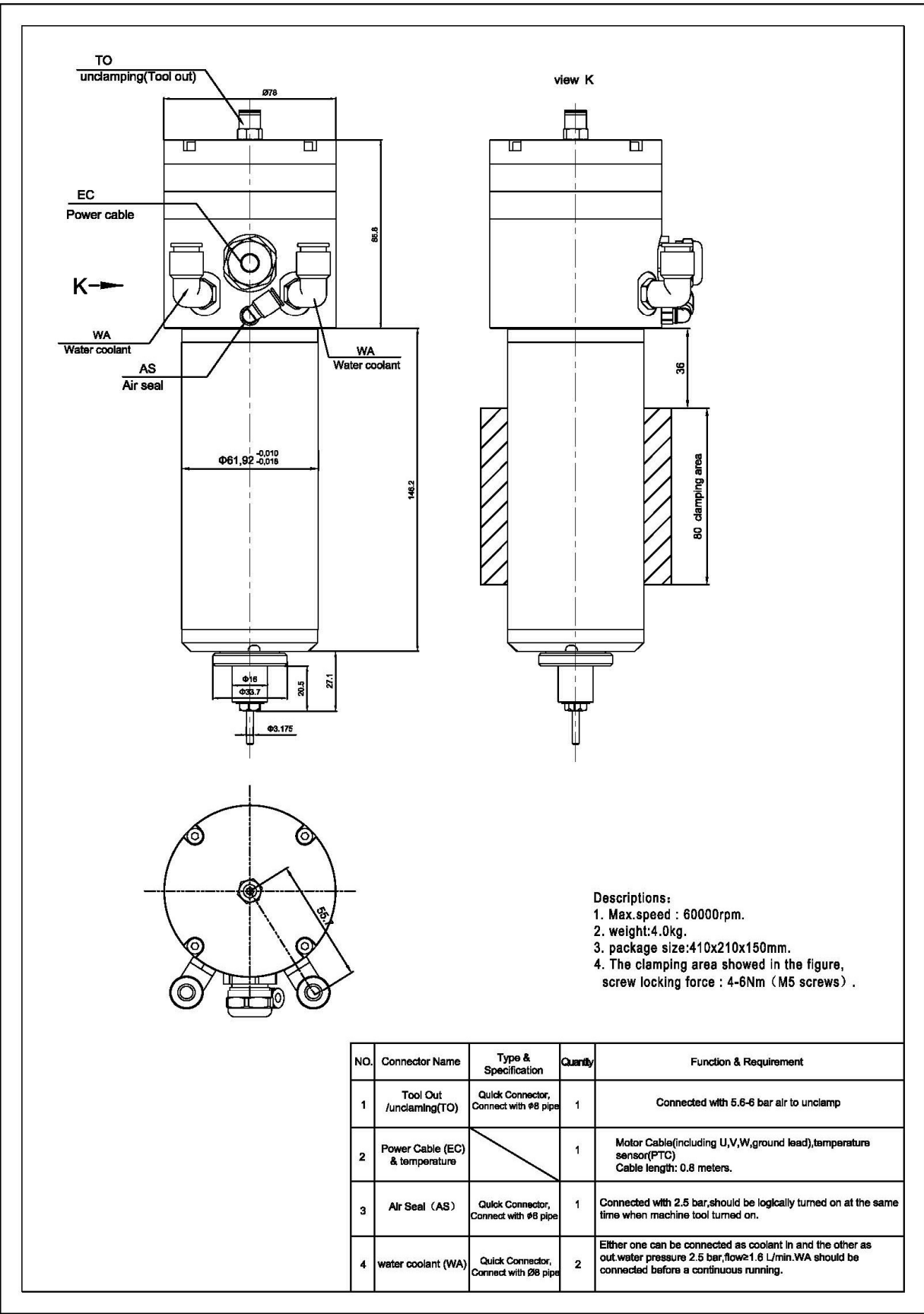
Specification



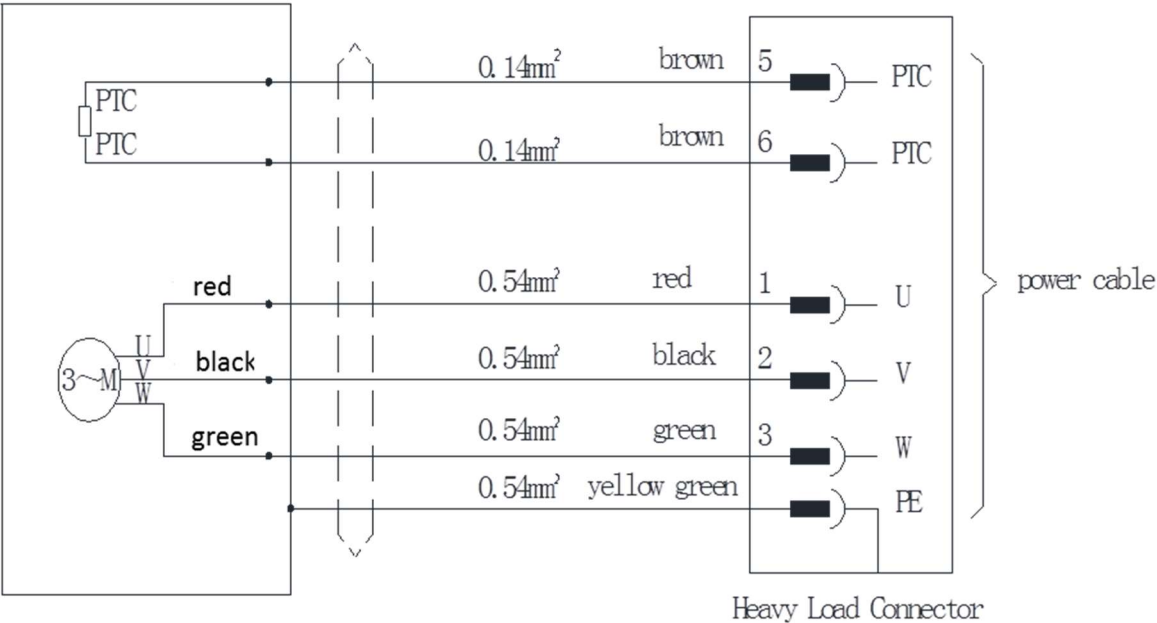
Appendix 2、Spindle Technical Specifications

Spindle Model		DGZ-60C	
Max. Frequency (Hz)		1000	Motor Type Asynchronous
Motor Poles		2	Max. Speed (rpm) 60000
Max. Voltage (V)		220	Max. Current (A) 4.8
Rated Power (S1-100%) (kW)		1.5	Rated Power (S6-40%) (kW) 1.8
Rated Torque (S1-100%) (N·m)		0.24	Rated Torque (S6-40%) (N·m) 0.29
Motor winding insulation resistance (MΩ)		≥500(H 级)	Motor winding withstand voltage test (V/M) 1500V/1min High-voltage Holding Test
Stator temperature sensor type		PTC	Tool-change Pneumatic tool change
Collet Type		B005 draw-in collet standard Φ3.175	Weight(kg) 4.0
SN	(Technical Specifications)		
1	Unclamping pressure (Mpa)	0.56-0.60	
2	Chuck torque (N•cm)	≥200(Ø3.175pin)	
3	Radial Run-out (mm)	≤0.002	
4	Dynamic Run-out (mm)	≤0.008	
5	Vibration (mm/s)	≤0.8	
6	Noise (dBA)	≤68	
7	Diameter(mm)	Φ61.902~Φ61.910	
8	Recommended Air Seal(L/min)	50~70 (air pressure: 0.25MPa)	
9	Coolant flow (L/min)	water: ≥1.6 (water pressure: 0.25 MPa) oil: ≥3.0 (oil pressure: 0.40 MPa)	

Appendix 3、Spindle Outline Drawing

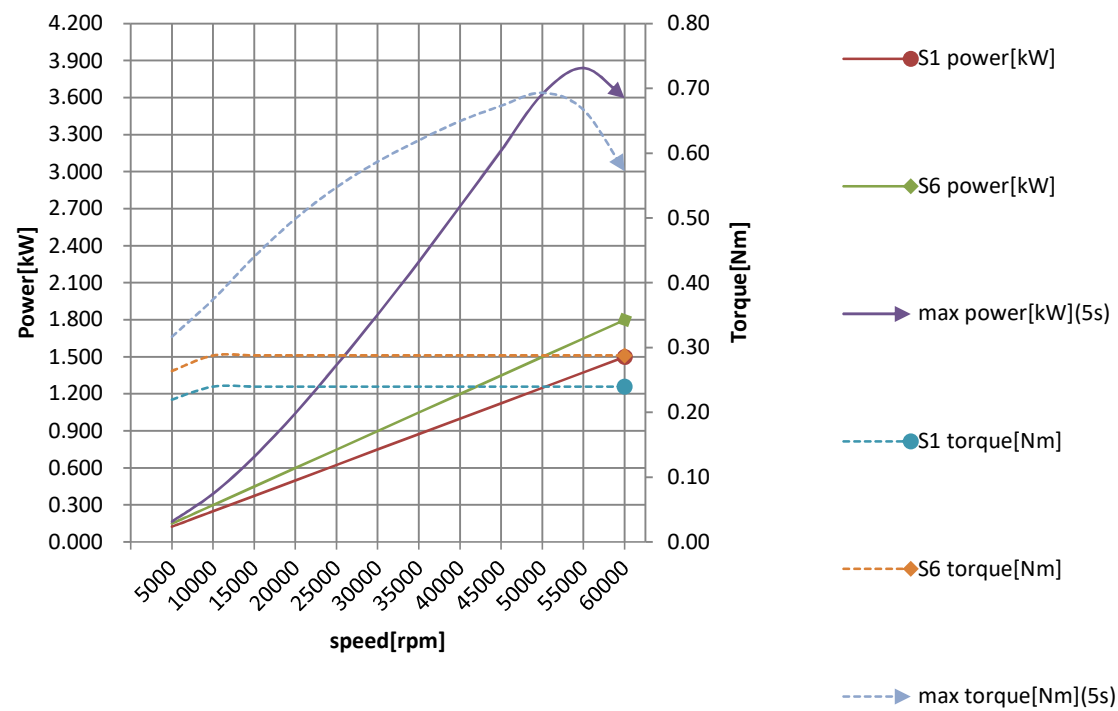


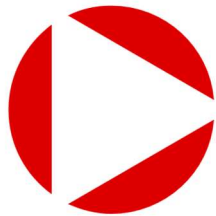
Appendix 4、Spindle Motor Wiring Diagram



Without connector

Appendix 5、Characteristic Curve of Motor





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