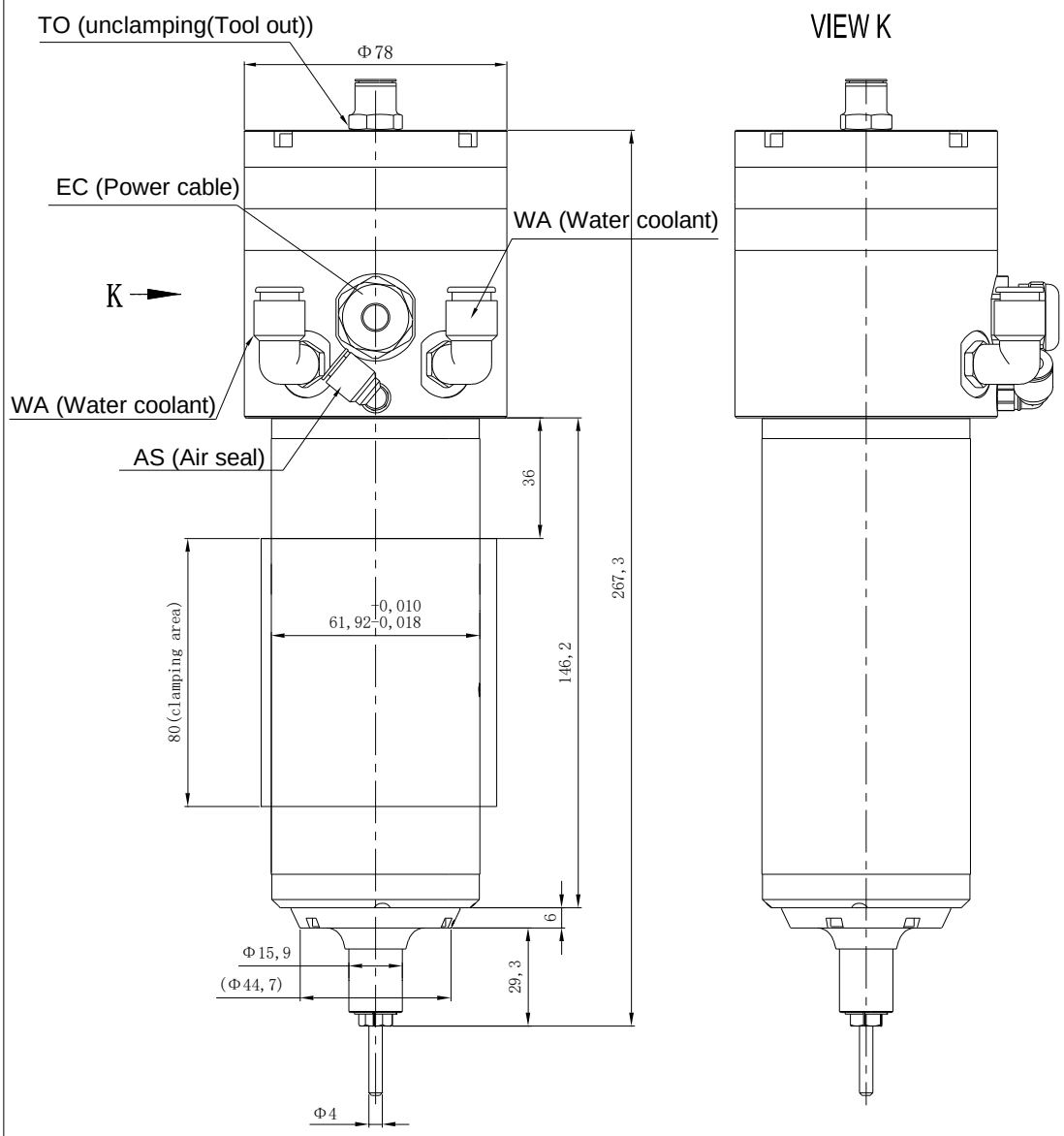

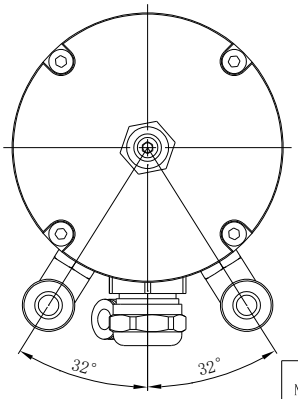

Descriptions:

1. Max.speed : 60000rpm.
2. Rated power S1(100%):1.5kW Rated voltage:220V.
3. Rated torque S1(100%):0.24Nm.
4. The clamping area showed in the figure,
   screw locking force : 4-6Nm（M5 screws）.

NO.	Connector Name	Type & Specification	Quantity	Function & Requirement
1	Tool Out /unclaming(TO)	Quick Connector, Connect with Ø8 pipe	1	Connected with 5.6-6 bar air to unclamp
2	Power Cable (EC) & temperature		1	Motor Cable(including U,V,W,ground lead),temperature sensor(PTC) Cable length: 1.2 meters.
3	Air Seal（AS）	Quick Connector, Connect with Ø6 pipe	1	Connected with 2.5 bar,should be logically turned on at the same time when machine tool turned on.
4	water coolant (WA)	Quick Connector, Connect with Ø8 pipe	2	Either one can be connected as coolant in and the other as out.water pressure 2.5 bar,flow≥1.6 L/min.WA should be connected before a continuous running.

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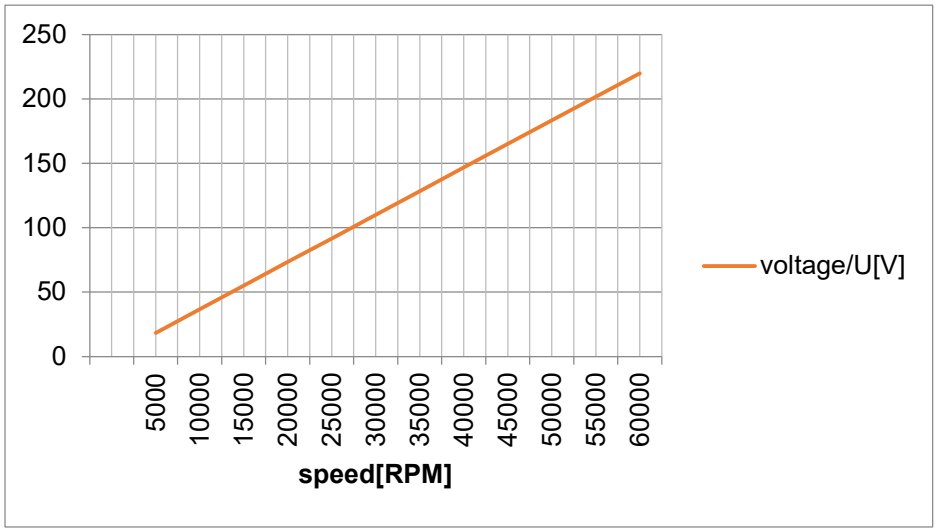
Spindle Technical Specifications

Spindle Model	DGZ-06260/1.8A1-PWM		
Motor Type	Asynchronous	Collet Type	B067 draw-in collet standard Φ4 (Option Φ6)
Max. Frequency（Hz）	1000	Max. Speed（rpm）	60000
Max. Voltage（V）	220	Max. Current（A）	22.8
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)	0.36
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	KTY	Tool-change	Pneumatic tool change
Motor Poles	2	Weight (Kg)	4.1

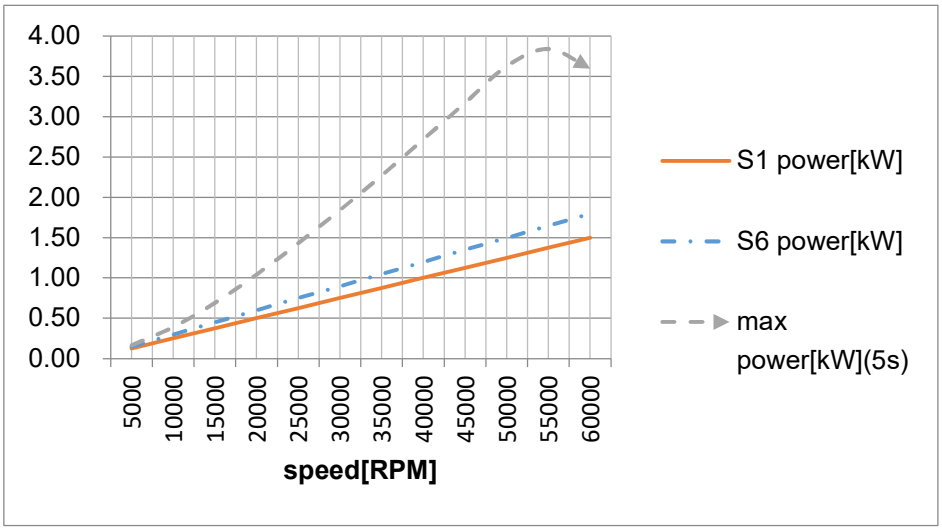
Serial number	Technical Specifications	
1	Unclamping pressure (Mpa)	0.56-0.60
2	Chuck torque (N•cm)	≥200(Φ4 tool)
3	Radial Run-out (mm)	≤0.002
4	Dynamic Run-out (mm)	≤0.008
5	Vibration (mm/s)	≤0.8 mm/s（0～50000 rpm in operation）≤1.0 mm/s（50000～60000 rpm in operation）
6	Noise (dB(A))	≤68
7	Recommended Air Seal(L/min)	50～70 (Air pressure:0.25MPa)
8	Diameter(mm)	Φ61.902～Φ61.910
9	Coolant flow (L/min)	water：≥1.6 (water pressure：0.25 MPa) oil：≥3.0 (oil pressure：0.40 MPa)

Characteristic Curve of Motor

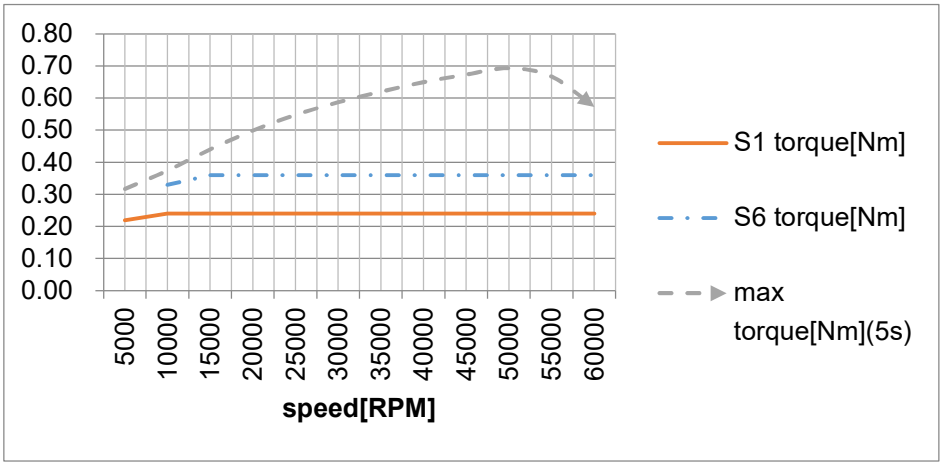
Voltage/Speed（U/n）Curve



Power/Speed（P/n）Curve



Torque/Speed（T/n）Curve


0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
55000
60000
speed[RPM]
S1 torque[Nm]
S6 torque[Nm]
max torque[Nm](5s)