



1. Power: tricolor line connected to U₁ V₁ W₁ yellow-green line connected to ground temperature control line - two-phase of 110 C thermostat connected to temperature protector
2. Water inlet: Water pump lift requirement: 8m
3. Pressure of air seal: 0.1-0.2MPa (4mm OD / 2mm ID hose)
4. Quantity of proximity switch: two NPN for tool-loading and tool-unloading (normally open) N.O. Connection of proximity switch:

Brown line connected to +24VDC, and blue line connected to 0VDC

Signal loading end connected to +24VDC/ the other end connected to black line

5. Pressure for tool changing and de-dusting shall be 0.2-0.3MPa (6mm OD / 4mm ID hose)
6. Water outlet (end 2 and end 6 connected to 8mm OD / 6mm ID hose)
7. Inlet pressure of cylinder: 0.65MPa (6mm OD / 4mm ID hose)

Type GDL80-20-24Z/2.2

Voltage 220V

Power 2.2kW

Current 7.6A

Frequency 800Hz

Rotate Speed 24000rpm

Number of Poles 2P

Number of Phases 3

Rotate Direction counterclockwise rotation from the view of shaft end

Tool Handle ISO20 (recommend PuHtu)

Rivet ISO20-15° (recommend PuHtu)

Weight 9KG

Special Caution:

1. The electrical spindle must be mounted at its clamping position, otherwise it may cause the damage of bearings;
2. The tool changing must be done when the electrical spindle stopped completely; the manual tool changing button shall not be enabled when electrical spindle still rotating; otherwise, the electrical spindle may get stuck;
3. The compressed air needs to be clean and dry with filtering precision as 0.1 μ m. The air sealing is normally open. And it is suggested to apply two steps of filtering with filtering precision as 0.5 μ m and 0.1 μ m respectively. And the air filter shall be equipped with self-discharging device.