

1: Power line Three-color lines connected with U, V and W phases/ yellow and green wires grounded Temperature control line 110°C thermistor two-phase connected with the temperature-control protector

2: Cooling water yielding (2 and 6 ends terminated with 8/6 hoses)

3:Pole change and dust removal pressure 0.2-0.3 Mpa (6/4 hoses)

4: Air seal pressure 0.1-0.2 Mpa (6/4 hoses)

5:Tool discharge and air feed pressure 0.70 MPa (6/4 hoses)

6: Cooling influent Pump lift 12m (avoid wrong connection)

7: Quantity of proximity switches Pole hanging and pole discharge NPN (normally open) N.O.

Wiring method of the proximity switch Brown wire connected with +24VDC blue wire connected with 0VDC Signal load end connected with +24VDC/the other end connected with the black wire

8: Handle of the lifting sling Installation and use

Model GDL 120-30-24-6.5 Voltage 380 V

 Power
 6.5 kw

 Current
 13.5 A

 Frequency
 800 Hz

 Rotating speed
 24000 rpm

Pole number 4P Phase number 3

Rotating direction Rotate anticlockwise

from the shaft

extension end

Tool holder BT30 (Parfaite is

recommended)
BT30-45° (Parfaite is recommended)

Weight 25 KG

Blind rivet

Special warning:

PTC three-core

thermistor parameter

Maximum DC25V/100mA

≤300Ω

≤750Ω

≤1650Ω

Rated operating

temperature

≥3990 Q

≥12KΩ

Maximum storage

temperature

DC power

-20~25℃

≤90°C

105℃

110℃

115℃

≥125℃

≤160°C

- The electric main shaft shall be installed at the clamped position; otherwise the bearing will be easily damaged!
- 2. The main shaft shall entirely stop before the tool changing. The manual tool changing button shall not act during the rotation of the shaft; otherwise it will easily result in the seizure of the shaft!
- 3. The compressed air shall be clean and dry, and the filter accuracy shall be 0.1micron! Air seal is normally open. It is recommended to use the two-level filter, and the filter accuracy is 0.5 micron/ 0.1 micron respectively. The air filter is installed with the self-discharge device.
- 4. It is required to set the frequency converter strictly according to the frequency-voltage curve of the electric shaft.

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