



- Connection requirements**
1. Power line Three-color power line and yellow-green earthing line
Temperature control line 110°C thermistor two-piece fine wires
 2. Cooling effluent
 3. Tool changing/dust removal pressure 0.3-0.4MPa
 4. Air seal pressure 0.3-0.4 MPa
 5. Tool discharge and air feed pressure 0.70MPa
 6. Cooling water feed Pump lift 12m (avoid wrong connection)
 7. Handle of the lifting sling

- Connection description**
1. Three-color power line connected with U, V and W phases of frequency converter, and the yellow-green wire connected with the earth wire
Temperature control line connected with the temperature control protector
 2. Rapid inserted connecting pipe for the cooling effluent is 8/6 hoses
 3. Rapid inserted connecting pipe for the cooling effluent is 6/4 hoses
 4. Rapid inserted connecting pipe for the air seal is 6/4 hoses
 5. Rapid inserted connecting pipe for the tool discharge and air feed is 6/4 hoses
 6. Rapid inserted connecting pipe for the cooling influent is 8/6 hoses
 7. Installation and use of the handle of the lifting sling

PTC three-core thermistor parameter	
DC power supply	Maximum DC25V/100mA
-20~25℃	≤300Ω
≤90℃	≤750Ω
105℃	≤1650Ω
110℃	Rated operating temperature
115℃	≥3990Ω
≥125℃	≥12KΩ
≤160℃	Maximum storage temperature

- Model** GDL 150-40-12/7.5
Voltage 380 V
Power 7.5 kw
Current 16.5 A
Frequency 400 Hz
Rotating speed 12000 rpm
Pole number 4P
Phase number 3
Bearing 2×SM6011C P4 Steel ball 2×7008C P4 Steel ball The dedicated grease for the imported high-speed bearing
Rotating direction Rotate anticlockwise from the shaft extension end
Tool holder BT 40 without (Parfaite is recommended)
Blind rivet BT40-45° (Parfaite is recommended)
Weight 47 KG

Special warning:

1. The main shaft shall entirely stop before the tool changing. The manual tool changing button shall not act during the rotation of the main shaft; otherwise it will easily result in the seizure of the shaft!
 2. The compressed air shall be clean and dry. And the filter accuracy is 0.1um! The air seal is normally open.
- It is recommended to use the two-level filtration, with the filtration accuracy of 0.5um/0.1um respectively. The compressed air filter shall be installed with the self-discharge device.

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Outline diagram

GDL150-40-12Z/7.5